Adam M. Rainear

West Chester University of Pennsylvania
Department of Communication and Media
Wayne Hall - 125 W. Rosedale Avenue, West Chester PA 19383
P: (610) 436-1533 **E**: ARainear@wcupa.edu
https://www.wcupa.edu/arts-humanities/communicationStudies/faculty/arainear.aspx

EDUCATION

Doctor of Philosophy (Ph.D.) - Communication, University of Connecticut; *Storrs, CT*   **2019**
     Dissertation: The Station "Scientist": Examining the Impact of Race, Sex, and Education of Broadcast Meteorologists on Credibility, Trust, and Information Retention (*Advisor*: Dr. Kenneth A. Lachlan)

Master of Arts (M.A.) - Communication, University of Connecticut; *Storrs, CT*   **2016**
     Comprehensive exam in risk communication using new communication technology

Bachelor of Arts (B.A.) - Journalism and Media Studies *(with honors)*
Bachelor of Science (B.S.) - Meteorology, Rutgers University; *New Brunswick, NJ*   **2014**
     Honors Thesis: Communicating Climate Change: The Role of Personal Experience and Place Attachment (*Advisor*: Dr. Lauren Feldman)

ACADEMIC APPOINTMENTS

2024 -	**Graduate Coordinator**, Department of Communication and Media, West Chester University
2024 -	**Associate Professor**, Department of Communication and Media, West Chester University
2020 – 2024	**Assistant Professor**, Department of Communication and Media, West Chester University
2019 – 2020	**Visiting Assistant Professor**, Department of Communication and Media, West Chester University
2018 – 2019	**Adjunct Professor**, Social Sciences & Humanities, Quinebaug Valley Community College
2017 –	**Research Affiliate**, Communication & Social Robotics Laboratory (Combotlabs), Western Michigan University
2017 – 2019	**Research Affiliate**, Connecticut Institute for the Brain and Cognitive Sciences (IBACS), University of Connecticut
2015 – 2019	**Research Affiliate**, Institute for Collaboration on Health, Intervention, and Policy (InCHIP), University of Connecticut
2014 – 2019	**Graduate Teaching Assistant**, Department of Communication, University of Connecticut

PUBLICATIONS

Peer Reviewed Journal Articles

Rainear, A.M., & Lachlan, K.A. (2023). The Station Scientist: Examining the Impact of Race and Sex of Broadcast Meteorologists on Credibility, Trust, and Information Retention. *Frontiers in Communication*. DOI: 10.3389/fcomm.2022.1052277.

Lachlan, K. A., Gilbert, C., Hutter, E., **Rainear, A. M.,** & Spence, P. R. (2022). Sex differences in informational needs and media dependencies during the 2018 California wildfires. Journal of Emergency Management (Weston, Mass.), 20(4), 341-350. DOI: 10.5055/jem.0588.

Rainear, A.M. & Christensen, J.L. (2022). Examining Pre-Existing Environmental Beliefs: Using a PSA to Investigate the Role of Self-Efficacy and Response Efficacy on Behavioral Intentions. *Communication Studies*. 73:2, 151-170, DOI: 10.1080/10510974.2022.2026426

Rainear, A. M., Lachlan, K., & Xu, Z. (2021). Storms of a feather tweet together: An exploratory study examining Houston-area emergency management communication on Twitter in Hurricane Harvey. Journal of Emergency Management (Weston, Mass.), 20(1), 53-60. DOI: 10.5055/jem.0685

Rainear, A.M., Jin, X., Edwards, A., Edwards, C., & Spence, P.R. (2021). A Robot, Meteorologist, and Amateur Forecaster Walk into a Bar: A Qualitative Exploration of a Weather Forecast Delivered via Social Robot. *Communication Studies*. 72:6, 1129-1145. DOI: 10.1080/10510974.2021.2011361

Lachlan, K.L., Gilbert, C., Hutter, E., **Rainear, A.M.**, & Spence P.R. (2021). Ready in the Face of Danger? Investigating Preparation, Mitigation, and Information Seeking Amongst Those Affected by the 2018 California Wildfires. *Journal of Emergency Management. 19*(1), 47-56. DOI: 10.5055/jem.0507

Spence, P.R., Edwards, C., Edwards, A., **Rainear, A.M.**, & Jin, X. (2021). "They're Always Wrong Anyway": Exploring Differences of Credibility, Attraction, and Behavioral Intentions in Professional, Amateur, and Robotic-delivered Weather Forecasts. *Communication Quarterly*. 69:1, 67-86, DOI: 10.1080/01463373.2021.1877164

Rainear, A.M., & Lin, C.A. (2021). Communication Factors Influencing Flood-Risk Mitigation, Motivation, and Intention Among College Students. *Weather, Climate, and* Society. *13*(1), 125-135. DOI: 10.1175/WCAS-D-20-0016.1

Xu, Z., Lachlan, K.A., Ellis, L., & **Rainear, A.M.** (2019). Understanding Public Opinion in Different Disaster Stages: A Case Study of Hurricane Irma. *Internet Research.* Vol. 30 No. 2, pp. 695-709. DOI: 10.1108/INTR-12-2018-0517

------ Prior to WCUPA -------

Lachlan, K.A., Xu, Z., Hutter, E., **Rainear, A.M.**, & Spence, P.R. (2019). A Little Goes a Long Way: Twitter Content Associated with Hurricane Irma, Serial Transmission, and Implications for Emergency Management. *Journal of Strategic Innovation and Sustainability. 14*(1), 16-26. DOI: 10.33423/jsis.v14i1.984

Rainear, A.M., Lachlan, K.A., & Fishlock, J. (2019). Exploring Retention and Behavioral Intentions When Using Social Robotics to Communicate a Weather Risk. *Computers in Human Behavior*, 90, 372-379. DOI: 10.1016/j.chb.2018.08.029

Lin, X., **Rainear, A.M.**, Spence, P.R., & Lachlan, K.A. (2018). Don't Sleep on It: An Examination of Storm Naming and Potential Heuristic Effects on Twitter. *Weather, Climate, & Society*, *10*(4), 769-779. DOI: 10.1175/WCAS-D-18-0008.1

Rainear, A.M., Lachlan, K.A., Oeldorf-Hirsch, A., & DeVoss, C.L. (2018). Examining Content of State Emergency Management During Hurricane Joaquin. *Communication Research Reports*. 35:4, 325-334, DOI: 10.1080/08824096.2018.1503945

Radin, M., Wu., T.Y., Xu, X., **Rainear, A.M.**, & Atkin, D.J. (2017). The Impact of Environmental Attitudes on Environmental Conceptions and Perceived Potency of Recycling Terms. *Journal of Communication and Media Research, 9*(2), 29-44.

Rainear, A.M., Lachlan, K.A., & Lin, C.A. (2017). What's in a #Name? An Experimental Study Examining Perceived Credibility and Impact of Winter Storm Names. *Weather, Climate, & Society*, *9*(4), 815-822. DOI: 10.1175/WCAS-D-16-0037.1

Rainear, A.M., & Christensen, J.L. (2017). Protection Motivation Theory as an Explanatory Framework for Pro-Environmental Behavioral Intentions. *Communication Research Reports, 34*:3, 239-248. DOI: 10.1080/08824096.2017.1286472

Rainear, A. M., Lachlan, K. A., & Spence, P. R. (2017). Twitter weather warnings: Communicating risk in 140 characters—the impact of imperative and declarative message style on weather risk perception and behavioral intentions. *Journal of Emergency Management*, *15*(5), 285-290. DOI: 10.5055/jem.2017.0337

Lachlan, K.A., Spence, P.R., **Rainear, A.M.**, Fishlock, J., Xu, Z., & Vanco, B. (2016). You're My Only Hope: An Initial Exploration of the Effectiveness of Robotic Platforms in Engendering Learning about Crises and Risks. *Computers in Human Behavior, 65*, 606-611. DOI: 10.1016/j.chb.2016.05.081

Spence, P.R., Lachlan, K.A., & **Rainear, A.M.** (2016). Social media and crisis research: Data collection and directions. *Computers in Human Behavior*, 54, 667–672. DOI: 10.1016/j.chb.2015.08.045

Book Chapters

Rainear, A.M., Spence, P.R., & Lachlan, K.A. (2023). Needs and Practices for AI-Mediated Messaging in Uncertain Circumstances. In S. Nah (Ed.), Research Handbook on Artificial Intelligence and Communication. Edward Elgar.

Lachlan, K.A., **Rainear, A.M.**, Spence, P.R., Fishlock, J., Vanco, B., & Xu, Z. (2018). Comparing responses to risk messages across traditional and robotic platforms: Source credibility, risk perception, and affective response. In V. Petrova (Ed.), *Advances in Engineering Research (Vol. 19)*. New York: Nova Science.

Lin, X., Xu, Z., **Rainear, A.M.**, Rice, R., Spence, P.R., & Lachlan, K.A. (2016). Research in Crises, Data Collection Suggestions and Practices. In S. Elswick (Ed.), *Data Collection: Methods, Ethical Issues, and Future Directions* (pp. 49-64). New York: Nova Science Publishing.

Encyclopedia Entries

Rainear, A.M. (2019). Disaster Coverage. In Merskin, D.L. (Ed.), *The SAGE International Encyclopedia of Mass Media and Society.* Thousand Oaks, CA: SAGE Publications. DOI: 10.4135/9781483375519

Rainear, A.M. (2019). Weather Forecasting. In Merskin, D.L. (Ed.), *The SAGE International Encyclopedia of Mass Media and Society.* Thousand Oaks, CA: SAGE Publications. DOI: 10.4135/9781483375519

Lachlan, K.A., & **Rainear, A.M.** (2018). Intercultural Crisis Management. In Y.Y. Kim (Ed.), *International Encyclopedia of Intercultural Communication.* New York: Wiley-Blackwell. DOI: 10.1002/9781118783665.ieicc0053

Google Scholar Citation Indices

	All	Since 2019
Citations	454	406
h-index	10	9
i10-index	10	9

Publications Under Review or In Preparation

Rainear, A.M. (2024). Distrust of medical professionals and scientists. In D. Berube (Ed.), *Pandemic Resilience: Vaccination Resistance and Hesitance: From Vacca and Smallpox to COVID and mRNA Vaccines*. Springer. ***Accepted, in production.***

Rainear, A.M. (2024). Publics and Citizen Science. In D. Berube (Ed.), *Pandemic Resilience: Vaccination Resistance and Hesitance: From Vacca and Smallpox to COVID and mRNA Vaccines*. Springer. ***Accepted, in production.***

Robertson, B.R., Stewart, K., & **Rainear, A.M.** (2024). Watching People Eat: An Exploratory Analysis of Mukbang Video Viewing Motivations and Outcomes. ***Under review in Western Journal of Communication.***

Boyle, M. P., & **Rainear, A. M.** (2025). *Evolving Journalism Research Methods: Applications, Trends, Analyses*. Research in Journalism Series. Routledge. ***Contracted, editing chapters.***

Robertson, B., & **Rainear, A.M.** (2025). Is Anybody Here a Doctor? An Exploratory Experiment to Understand Perceptions of Medical Experts and Scientists Regarding the Covid-19 Vaccine. ***Under review in Evolving Journalism Research Methods: Applications, Trends, Analyses***. **Routledge**.

Roemmele C.R., & **Rainear, A.M.** (2025). The Science and Media Connection: Developing a Product-based Course for Connecting Physical and Social Science Students. ***Under review in Journal of College Science Teaching***.

Pantazes, T., & **Rainear**, **A. M.** (2026). A Chronicle Inside Higher Ed: Framing Artificial Intelligence Coverage in Two Major Higher Education Publications. ***Submitted to Provoking Generative AI Futures: Merging Theory and Praxis.*** **Routledge**.

FUNDING AND AWARDS

Internal & External Funding ($6,000)

PI: *Coo-Coo for CoCoRaHS: Examining User Motivations for Participating in a Meteorology Citizen Science Program.* Research and Creative Activities (RACA) Grant Proposal, $6,000. WCUPA College of Arts and Humanities. April 2022. **Funded.**

Co-I: *Media Dependencies, Risk Perception, and Mitigation Behaviors: The 2018 California Wildfires.* Natural Hazards Center, Rapid Response Grant. December 2018. PI: Lachlan, Ken. **Strong proposal - not funded**.

PI: *Exploring Individual Behavior in a Virtual Coastal Flood Risk Scenario.* $3,500. CTSG Development Project Grant - Connecticut Sea Grant College (CTSG) Program. Fall 2018. **Not funded - eligible for resubmission**.

PI: *Development of a Health Risk Intervention to Improve Climate Change Behavioral Intentions.* Graduate Student Seed Grant - Institute for Collaboration on Health, Intervention, and Prevention, University of Connecticut. Spring 2015. **Not funded**.

Fellowships & Assistantships ($21,830)

Summer Fellowship, $2,079 for research productivity in 18-19 AY, University of Connecticut. *Top departmental student merit award*

CLAS Graduate Fellows Scholarship, $2,000, College of Liberal Arts and Sciences (CLAS), *University of Connecticut. Competitively awarded, university-wide for excellence in academics within CLAS at UConn in 2018*

Summer Fellowship, $1,616 for research productivity in 17-18 AY, University of Connecticut. *Top departmental student merit award*

Fellow, $5,000, Connecticut Institute for Brain and Cognitive Sciences. *Competitively selected from an interdisciplinary group of graduate students for working toward submission of an external grant proposal during Summer/Fall 2018*

Robert F. and Margaret Dodge Belden Scholarship, $1,943, *College of Liberal Arts and Sciences*, University of Connecticut. *Awarded to graduate or undergraduate students who demonstrate academic achievement and potential for future academic and professional accomplishments in 2017*

Summer Fellowship, $5,000, [Connecticut Institute for Brain and Cognitive Sciences](). *Funding for working toward submission of an external NSF grant proposal during Summer 2017*

Pre-doctoral Fellowship, $1,671 for research productivity in 16-17 AY, University of Connecticut. *Top departmental student merit award*

Pre-doctoral Fellowship, $1,661 for research productivity in 15-16 AY, University of Connecticut

Pre-doctoral Summer Fellowship, $446 to advance research productivity (summer 2015), University of Connecticut

Pre-doctoral Fellowship, $414 for research productivity in 14-15 AY, University of Connecticut

Graduate Student Teaching Assistantship (14-19 AYs), University of Connecticut

Awards & Honors

DREAM Program, Office of Research and Sponsored Programs, West Chester University of Pennsylvania

AMS Societal Applications Symposium Early Career Award, American Meteorological Society. *Competitively awarded conference attendee registration waiver for illustrating the connection of personal goals to the Board of Societal Impacts and the value of attending the 2020 AMS Annual Conference.*

University of Connecticut Outstanding Graduate Teaching Award Nominee, *Center for Excellence in Teaching and Learning (CETL)*, University of Connecticut. *Nominated in Spring 2019 for university-wide graduate assistant teaching award for demonstrating exemplary instructional ability, interpersonal skills, and contributing to the development of the instructional program and students.*

Teaching Excellence Acknowledgement (AY 18-19), Office of the Provost, University of Connecticut

Participant, National Science Foundation Advanced Studies Institute (NSF PREEMPTIVE ASI), *San Jose, CR. Selected from a competitive nationwide pool of applicants to attend an Advanced Studies Institute on interdisciplinary approaches to improving aging infrastructure and subsequent impacts to society, February 2018*

Teaching Excellence Acknowledgement (Spring 2018), Office of the Provost, University of Connecticut

Participant - Doctoral Honors Seminar, Wayne State University, *Detroit MI. Competitively selected to study under guest scholar Patrice Buzzanell from an applicant pool of 40+ Doctoral Students in field of communication, June 2017.*

Teaching Excellence Acknowledgement (AY 15-16), Office of the Provost, University of Connecticut

Teaching Excellence Acknowledgement (AY 14-15), Office of the Provost, University of Connecticut

Inducted - Lifetime Member, Kappa Tau Alpha National Honor Society in Journalism and Mass Communication

CONFERENCE ACTIVITIES, PANELS, AND BYLINES

Conference Awards

Lachlan, K.L., Gilbert, C., Hutter, E., **Rainear, A.M.**, & Spence P.R. (2020). *Ready in the Face of Danger? Investigating Preparation, Mitigation, and Media Dependencies amongst Those Affected by the 2018 California Wildfires*. Paper accepted to the 89th Central States Communication Association Annual Convention. *Chicago, IL* (Convention cancelled due to COVID-19 pandemic). [**Awarded: Top Papers in Strategic and Applied Communication Interest Group**]

Rainear, A.M. (2018). *All the Media are Rich: Exploring the Lacking Human Element in Media Richness Theory.* Paper presented at the 104th Annual Conference of the National Communication Association. *Salt Lake City, UT.* [**Awarded: Top Papers in Communication and the Future Division**]

Lin, X., **Rainear, A.M.**, Spence, P.R., Lachlan, K.A. (2018). *What's in a Name? Using Theory to Examine Storm Naming and Response.* Paper presented at the 87th Central States Communication Association Annual Convention. *Milwaukee, WI.* [**Awarded: Top Overall Paper in Communication Theory Interest Group**]

Rainear, A.M., Lachlan, K.A., & Fishlock, J. (2017). *This is "Not" a Drill: Examining Retention and Behavioral Intentions When Using Social Robotics to Communicate a Weather Risk.* Paper presented at the 103rd Annual Meeting of the National Communication Association. *Dallas, TX.* [**Awarded: Top Papers in Communication and the Future Division**]

Lachlan, K. A., Spence, P. R., **Rainear, A.M.**, Fishlock, J., Xu, Z., & Vanco, B. (2016). *Exploring the Effectiveness of Robotic Platforms in Engendering Learning: Implications for the Future of Crisis and Risk Communication*. Paper presented at the 102nd Annual Meeting of the National Communication Association. *Philadelphia, PA.* [**Awarded: Top Papers in Communication and the Future Division**]

Rainear, A.M., Lachlan, K.A., & Lin, C.A. (2016). *What's in a #Name? An Experimental Study Examining Perceived Credibility and Impact of Winter Storm Names.* Paper presented at the 96th Annual Meeting, American Meteorological Society, *New Orleans, LA.* [**Awarded: 2nd Place At-large, Oral Presentation**] Recording

Conference Presentations (*indicates submission under *review*; submission type indicated in citation)

Rainear, A.M. (2024). *Embedding Campus Resources into First Year Experience.* Poster presentation at RECAP - Adapting to Today, Preparing for Tomorrow: Transformative Trends in Higher Ed Technology and Pedagogy. Information Services & Technology and the Teaching and Learning Center. West Chester PA.

Rainear, A.M. (2024). *Embedding Campus Resources into First Year Experience.* Presentation delivered at the Teaching Excellence Showcase of the West Chester University Teaching and Learning Center, West Chester PA.

Rainear, A.M. (2023). *Wiki Wiki Wiki, Can't You See, Replacing the Research Paper Sounds Good to Me.* Presentation delivered at the Teaching with Technology Showcase of the West Chester University Teaching and Learning Center, West Chester PA.

Rainear, A.M., Lachlan, K.A., & Spence, P.R. (2023). *Needs and Practices for AI-Mediated Messaging in Uncertain Circumstances*. Paper presented at the Annual Conference of the International Communication Association, Toronto CA.

Robertson, B. & **Rainear, A.M.** (2022). *Is Anybody Here a Doctor? An Exploratory Experiment to Understand Perceptions of Medical Experts and Scientists Regarding the Covid-19 Vaccine.* Paper presented at the Annual Conference of the National Communication Association. *New Orleans, LA.*

Robertson, B.R., Stewart, K., & **Rainear, A.M.** (2022). *Watching People Eat: Understanding Mukbang Video Viewing Motivations and Outcomes.* Paper presented at the Annual Conference of the Association for Education in Journalism and Mass Communication. *Detroit, MI.*

Rainear, A.M., Jin, X., Edwards, A., & Spence, P.R. (2022). *A Qualitative Exploration of a Weather Forecast Delivered via Social Robot.* Paper presented at the Annual Conference of the International Communication Association. *Paris, FR.*

Rainear, A.M. (2020). *Cloudy with a Chance of Sexism: Examining Race and Sex of Broadcast Meteorologists on Trust and Credibility.* Paper presented at the 100th Annual Meeting, American Meteorological Society, *Boston, MA.* Recording

Spence, P.R., Edwards, C., Edwards, A., Jin, X., & **Rainear, A.M.** (2019). *"They're Always Wrong Anyway": Exploring Differences of Credibility, Attraction, and Behavioral Intentions in Professional, Amateur, and Robotic-delivered Weather Forecasts.* Poster presented at the 105th Annual Conference of the National Communication Association. *Baltimore, MD.*

Gilbert, C., Lachlan, K.A., Hutter, E., **Rainear, A.M.**, & Spence, P.R. (2019). *Exploring Sex Differences in Informational Needs and Media Dependencies During the 2018 California Wildfires.* Paper presented at the 105th Annual Conference of the National Communication Association. *Baltimore, MD.*

Rainear, A.M., Lachlan, K.A., Xu, Z., & Eosco, G. (2019). *Storms of a Feather Tweet Together: Comparing Twitter Content in Hurricanes Harvey and Irma.* Paper presented at the 68th Annual Conference of the International Communication Association. *Washington D.C.*

Xu, Z., Lachlan, K.A., Ellis, L., & **Rainear, A.M.** (2019). *Understanding Public Opinion in Different Disaster Stages: A Case Study of Hurricane Irma.* Poster presented at the 68th Annual Conference of the International Communication Association. *Washington D.C.*

Rainear, A.M., Lachlan, K.A., & Palombo, C.A. (2019). *A Storm of Information: Twitter Data from Hurricanes #Florence and #Michael.* Abstract presented at the 99th Annual Meeting, American Meteorological Society, *Phoenix, AZ.* Recording

Szatkowski, G.S., & **Rainear, A.M.** (2019). *Report out from Ad Hoc Committee on Naming Winter Storms – What's in a Name?* Abstract presented at the 99th Annual Meeting, American Meteorological Society, *Phoenix, AZ.*

Rainear, A.M. & Christensen, J.L. (2018). *Examining the Effects of a Pro-Environmental PSA on Behavioral Intentions: The Role of Self-Efficacy and Response-Efficacy.* Paper presented to the 104th Annual Conference of the National Communication Association. *Salt Lake City, UT.*

Rainear, A.M. (2018). *A Place in the Environment: Examining Methodological Artifacts in the Relationship between Place Attachment and Pro-Environmental Behavior.* Paper presented to the 104th Annual Conference of the National Communication Association. *Salt Lake City, UT.*

Xu, Z., Hutter, E., Lachlan, K.A., **Rainear, A.M.**, & Spence, P.R. (2018). *A Little Goes a Long Way: Examining Serial Transmission of Twitter Content Associated with Hurricane Irma.* Paper presented to the 104th Annual Conference of the National Communication Association. *Salt Lake City, UT.*

Rainear, A.M., Lachlan, K.A., Xu, Z., & Eosco, G. (2018). *Storms of a Feather Tweet Together: Comparing Twitter Content in Hurricanes Harvey and Irma.* Paper presentation at Infrastructure Resilience Division (RSD) Research Forum: The 2017 Natural Disasters, American Society of Civil Engineers HQ, *Reston VA.*

Spence, P. R., Edwards, A., & Edwards, C., Lachlan, K. A., Lin, X., **Rainear, A. M.**, Westerman, D., & Beattie, A. J. (2018). *Technologically assisted crisis messages. Here come the bots.* Paper presented at the 8th annual International Crisis and Risk Communication Conference, *Orlando, FL.*

Rainear, A.M., & Lachlan, K.A. (2018). *Stella! Social Media and Affective Content in the Context of a Major Snowstorm.* Paper presented at the 98th Annual Meeting, American Meteorological Society, *Austin, TX.* Recording

Rainear, A.M., Lin, X., Lachlan, K.A., & Spence, P. (2018). *The Weather Channel Heuristic: Potential Evidence for a Sleeper Effect when Naming Storms.* Paper presented at the 98th Annual Meeting, American Meteorological Society, *Austin, TX.* Recording

Radin, M., **Rainear, A.M.,** Wu., T.Y., Xu, X. & Atkin, D.J. (2017). *Environmental Attitudes Impact on Environmental Conceptions and Perceived Potency of Recycling Terms.* Poster Presentation at the 56th New England Psychological Association Annual Meeting, *Newton, MA*.

Rainear, A.M., & Lin, C.A. (2017). *Water, Water Everywhere: Flood Risk Mitigation and Decision-Making.* Poster Presentation at the 67th Annual Conference of the International Communication Association. *San Diego, CA*.

Rainear, A.M., Lachlan, K.A., Oeldorf-Hirsch, A., & DeVoss, C.L. (2017). *Tweeting in the Face of Uncertainty: Examining Content of State Emergency Management During Hurricane Joaquin.* Interactive Poster Presentation at the 67th Annual Conference of the International Communication Association. *San Diego, CA*.

Lachlan, K.A., **Rainear, A.M.**, Vanco, B., Spence, P.R., Fishlock, J., & Xu, Z. (2017). *I Might Believe You if You Weren't a Robot: Comparing Perceptions of Risk Message Credibility across Traditional and Robotic Platforms.* Paper presented at the 67th Annual Conference of the International Communication Association. *San Diego, CA*.

Lachlan, K.A., **Rainear, A.M.**, Spence, P.R., Vanco, B., Fishlock, J., & Xu, Z. (2017). *Of Robots, Risks, and Fears: Exploring the Impact of Robot Delivered Risk Messages on Negative Affect and Perceptions of Affiliated Organizations.* Paper presented at the Central States Communication Association Convention, *Minneapolis, MN*.

Rainear, A.M., & Lachlan, K.A. (2017). *Testing Human-Robot Interaction to Communicate Weather Risks*. Paper presented at the 97th Annual Meeting, American Meteorological Society, *Seattle, WA*. [Recording]

Rainear, A.M., & Waggoner, E.B. (2016). *The Lonely Connected Viewer: Examining Media-multitasking and Enjoyment through Self Determination Theory*. Paper presented at the 102nd Annual Meeting of the National Communication Association. *Philadelphia, PA*.

Rainear, A.M., Lachlan, K.A., & Spence, P.R. (2016). *The Impact of Imperative and Declarative Message Style on Risk Perception and Behavioral Intentions*. Paper presented at the 102nd Annual Meeting of the National Communication Association. *Philadelphia, PA*.

Lachlan, K.A., **Rainear, A.M.**, Lin, X., Xu, Z., Rice, R., & Spence, P.R. (2016). *Risky Robots: Using Robotic Delivery Platforms to Deliver Information Concerning Environmental Hazards.* Paper presented at the 66th Annual Conference of the International Communication Association. *Fukuoka, Japan.*

Spence, P.A., Lachlan, K.A., & **Rainear, A.M.** (2015). *Social media and crisis research: Data and directions*. Paper presented at the 101st annual meeting of the National Communication Association, *Las Vegas, NV*.

Rainear, A. M., & Christensen, J. L. (2015). *The Health Belief Model as an Explanatory Framework for Climate Change Cultivation Effects*. Paper presented at the 65th Annual Conference of the International Communication Association: Post-conference on Climate and Sustainability Campaigns, *San Juan, PR*.

Rainear, A. M. (2015). *Communicating climate change: The role of place attachment and personal experience*. Paper presented at the 95th Annual Meeting, American Meteorological Society, *Phoenix, AZ*. [Recording]

Rainear, A. M. (2014). *Communicating climate change: The role of place attachment and personal experience*. Paper presented at the 10th Annual Aresty Undergraduate Research Symposium, *New Brunswick, NJ*.

Rainear, A. M. (2014). *Communicating climate change: The role of place attachment and personal experience*. Paper presented at the 39th Annual Northeastern Storms Conference, *Rutland, VT*.

Rainear, A. M. (2014). *Communicating Climate Change: The Role of Place Attachment and Personal Experience*. Poster presented at Rutgers School of Communication & Information Undergraduate Research Day, *New Brunswick, NJ*.

Invited Presentations, Demonstrations, and Panels

Invited speaker, *Six Degrees of AI Assignments: Reworking Instruction to Incorporate AI into Your Practice*, 2024 NEXT Conference, *Bridging Pedagogy and Innovation: AI and Beyond.* University of Akron, Akron, Ohio (2024).

*Panelist, *Future Building for the Greater Good: Using Mutual Aids Organizations (MAOs) as Catalysts for Constituting Greater Regard.* Submitted to the Communication and the Future Division, National Communication Association, New Orleans (2024).

*Panelist, *What are the mysteries of individuals' information seeking and processing? Examination and application in risk, environment, artificial intelligence, and political contexts.* Submitted to the Applied Communication Division, National Communication Association, New Orleans (2024).

Panelist, *Integrating Career Center Tools for Career-focused Learners* Panel. RECAP - Adapting to Today, Preparing for Tomorrow: Transformative Trends in Higher Ed Technology and Pedagogy. Information Services & Technology and the Teaching and Learning Center. *West Chester* University. May 2024.

Panelist, [*Using AI for Teaching* Panel](#). RECAP - Adapting to Today, Preparing for Tomorrow: Transformative Trends in Higher Ed Technology and Pedagogy. Information Services & Technology and the Teaching and Learning Center. *West Chester* University. May 2024.

Invited speaker, [*Coo-Coo for CoCoRaHS: Examining User Motivations for Participating in a Meteorology Citizen Science Program.*](#) Sustainability Council, West Chester University, March 2024.

Panelist, *Using AI for Teaching* Panel, Faculty Fusion Workshop. Teaching and Learning Center. *West Chester* University. Jan. 2024.

Invited speaker, [Leveraging Physical and Social Sciences in Meteorology for 21st Century Challenges](#)**.** School of Marine and Atmospheric Sciences, SUNY Stony Brook. Nov. 2023.

Invited speaker, w/ Shannon McQueen, *Challenges and Rewards of Service-Learning Pedagogy.* The Center for Civic Engagement and Social Impact (CCESI). *West Chester University.* Nov. 2022.

Invited speaker, *Communication During Times of Weather Crises.* Earth and Space Science Seminar. *West Chester University.* (2021).

Panelist, *Examining Pre-Existing Environmental Beliefs: Using a PSA to Investigate the Role of Self-Efficacy and Response Efficacy on Behavioral Intentions.* Faculty Research Forum. *West Chester University* (2021).

Panelist, *CSCA Communication and Technology Interest Group Graduate Student Panel.* International Communication Association. *Washington DC.* (2019).

Panelist, *Resilience at Play: Communicative Approaches to Understanding, Researching, and Extending Resilience Research.* Applied Communication Division, National Communication Association, *Salt Lake City, UT* (2018).

Rainear, A.M. *Hands-on Virtual Reality Demo.* [Feeling is Believing: Augmented and Virtual Reality Symposium](#), University of New Haven. March 2018.

Published By-lines
Rainear, Adam M. "[Grab Your Camera — This Forecast Predicts when Sunsets will be Spectacular](#)." *The Washington Post.* Capital Weather Gang. 26 Apr. 2016. Web.

Rainear, Adam M. "[Louisiana's Barry Keim Talks Hurricane Katrina and Life as State Climatologist](#)." *The Washington Post.* Capital Weather Gang, 29 Aug. 2013. Web.

Rainear, Adam M. "[How Smartphones May Make Weather Forecasts More Intelligent](#)." *The Washington Post.* Capital Weather Gang, 15 Aug. 2013. Web.

Rainear, Adam M. "[Maryland and Virginia Residents Say Harm from Climate Change Is Arriving](#)." *The Washington Post*. Capital, 26 July 2013. Web.

Rainear, Adam M. "[Ask a State Climatologist: Q & A with Texas' John Nielsen-Gammon](#)." *The Washington Post*. Capital Weather Gang, 11 July 2013. Web.

Rainear, Adam M. "[Ask a State Climatologist: Q & A with New Jersey's David Robinson](#)." *The Washington Post*. Capital Weather Gang, 01 July 2013. Web.

Rainear, Adam M. "[Thousands Feared Dead after Indian Monsoon Causes Extreme Damage](#)." *The Washington Post*. Capital Weather Gang, 25 June 2013. Web.

Rainear, Adam M. "[Weather Can Leave Sports Fans and Venues out in the Rain: A Need for Knowledge and Insurance](#)." *The Washington Post*. Capital Weather Gang, 17 June 2013. Web..

Rainear, Adam M. "[Mount Everest Region Glaciers Retreating as Climate Warms](#)." *The Washington Post*. C, 29 May 2013. Web.

Rainear, Adam M. "[Warnings made for a reason](#)." *The Daily Targum*, 05 Nov. 2012. Web. [Editorial].

TEACHING EXPERIENCE

Co-Director
West Chester University of Pennsylvania
> WCU Summer in Ireland: The Irish Media Experience (*Education Abroad*), COM320/HON320

Instructor of Record
West Chester University of Pennsylvania
> Public Speaking, SPK 208
> Introduction to Video Production, MDC 217
> Media Writing for Broadcast and Public Relations, MDC 252
> Media Literacy, MDC 253* *Course is Quality Matters™ Approved*
> Media and Culture, MDC 254
> The Science and Media Connection, MDC/ESS 365/565
> Media Campaigns, MDC 423
> Strategic Media Content, COM 561 (Graduate)* *Course is Quality Matters™ Approved*
> Special Topics Seminar in Digital Media Marketing (Digital Media Literacy), COM 568 (Graduate)
> First-Year Experience (Exploratory Studies; Transfer; College of Arts and Humanities), FYE 100
>> Served as *Team Leader* numerous times for FYE, leading co-taught sections

University of Connecticut
> Effects of Mass Media, COMM 3300
> Fundamentals of Digital Production, COMM 2940
> Mass Communication Systems, COMM 1300
> The Process of Communication, COMM 1000

Quinebaug Valley Community College
> Public Speaking, COM 173

Teaching Assistant
University of Connecticut
> Effects of Mass Media, COMM 3300
> Mass Communication Systems, COMM 1300
> New Communication Technologies, COMM 3600
> Persuasion, COMM 3100

Sustainable Amsterdam *(Education Abroad)*, GEOG 2400/CE4710
The Process of Communication, COMM 1000 (Head Teaching Assistant)

Guest Lecturer
University of South Carolina
2023   BR Class (Experimental Research in Risk Communication), XXX123
2022   BR Class (Experimental Research in Risk Communication), XXX123

University of Connecticut
2019   Culture and Conservation (*Environmental Disasters and New Technology Lecture*), ANTH 3340
2018   Media Literacy and Criticism (*Podcasting/Audio Lecture*), COMM 2310W
2017   Global Climate Change and Human Societies (*Disaster and Social Media Lecture*), ANTH 1010
2017   Introduction to Graduate Research (*C.V. Lecture*), COMM 5001
2016   Mass Communication Systems (*Video Games Lecture*), COMM 1300
2016   Interpersonal Communication, COMM 3200
2015   Effects of Mass Media (*Video Game Effects Lecture*), COMM 3300
2014   Introduction to Environmental Studies (*Environmental Communication Lecture*), EVST 1000

UNIVERSITY AND PROFESSIONAL SERVICE

Service to Discipline
West Chester University
Associate Editor, Weather, Climate, & Society, 2024 -
Immediate Past Chair, Communication and the Future Division, National Communication Association, 2023 - 2024
Member, Leadership Development Committee, *National Communication Association*, 2022 - 2025
Faculty Fellow, Center for Civic Engagement and Social Impact (CCESI), 2022 - 2023
Editorial Board, *Communication Studies*, 2022 -
Editorial Board, *Journal of International Crisis & Risk Communication Research* (JICRCR), 2021 -
Chair, Communication and the Future Division, National Communication Association, 2022 - 2023
Vice-Chair, Communication and the Future Division, National Communication Association, 2021 - 2022
Vice-Chair Elect, Communication and the Future Division, National Communication Association, 2020 – 2021
Co-chair (with Gary Szatkowski), Ad-hoc Committee on Winter Storm Naming (CECWCI), American Meteorological
   Society, 2017 – 2020
Secretary, Communication and the Future Division, *National Communication Association*, 2019 – 2020
Committee Member, Committee on Effective Communication of Weather and Climate Information (CECWCI),
   American Meteorological Society, 2015 – 2025

University of Connecticut
Graduate Student Representative, Environmental Communication Division (ICA), 2015 - 2019
Co-organizer (with Adina Ables), 2nd Annual ICA Environmental Division Graduate Student Preconference
   (Washington DC), 2018 - 2019
Co-organizer (with Adina Ables), 1st Annual ICA Environmental Division Graduate Student Preconference (Prague,
   CR), 2017 - 2018
Graduate Student Representative, Communication and the Future Division (NCA), 2017 - 2019
Member, AMS Conference Website Committee, Weather and Society*Integrated Studies (WAS*IS), 2016

Ad Hoc Reviewing for:
Computers in Human Behavior, Communication Studies, Journalism & Mass Communication Quarterly, Weather Climate & Society, Journal of International Crisis and Risk Communication Research, Heliyon, Communication Research Reports, Environmental Communication, Weather and Forecasting

Conference and Disciplinary Reviewing for:
International Communication Association
   Environmental Communication Division, Communication and Technology Division, Game Studies Division, Human-Machine Communication Interest Group

National Communication Association
> *Environmental Communication Division, Communication and the Future Division, Human Communication and Technology Division*

Session Chair for:
> American Meteorological Society
> > *Symposium on Societal Applications* (2019)
> National Communication Association
> > *Communication and the Future* (2018)

Service to University
West Chester University
> Member, First Year Experience (FYE) Program Review Task Force, 2024
> Member, Program for Excellence in Teaching and Learning (PETAL), Advisory Board, 2024 -
> Research Liaison, College of Arts and Humanities, Office of Research and Sponsored Programs, 2023 - 2024
> Participant, Faculty Learning Community (Living Learning Community focus), 2023 - 2025
> Ed.D. Committee Member, *Julia Lewis*, Ed.D. in Policy, Planning, and Administration, Media Literacy Focus, 2022-2024
> Member, Program for Excellence in Teaching and Learning (PETAL), Steering Committee, 2022 **-** 2024
> Member, Program for Excellence in Teaching and Learning (PETAL), Executive Committee, 2022 **- 2024**
> Participant, Brandywine Project for Sustainability, 2022
> Proxy Member, Curriculum and Academic Policies Council (CAPC), 2021
> Member, Sustainability Advisory Committee, 2019 - present
> President's Speaker Series Ad-hoc Committee, 2019

Service to Department and College
West Chester University
> Tenure and Promotion Evaluation Committee Member, Jordin Clark, 2023 -
> Member, Research and Creative Activities (RACA) Committee (*college-level*), 2023 - 2025
> Co-chair, Department Curriculum Committee, 2023 –
> Faculty Advisor, West Chester Studios (Campus TV), 2023 -
> Member, Department Graduate Committee, 2020 – 2023
> Member, Department Curriculum Committee, 2022 -
> Chair, Departmental Collegiality Committee, 2021 – 2022
> Member, Student Success and Recruitment/Retention Committee (SSRC), 2020 – 2022 (*college-level*)
> Faculty Advisor, National Association of Black Journalists (NABJ), 2020 - 2023
> Member, Departmental Collegiality Committee, 2019 – 2023

University of Connecticut
> Faculty Advisor, Uying Club (student organization for film and photography), 2018 - 2019
> Research Assistant, Media Effects and Video Games Lab, 2015 - 2019
> Volunteer, Departmental Graduate Student Open House, 2015 – 2019
> Student Member, Speaker Series Faculty Committee, 2017 - 2019
> Faculty Committee Liaison, Communication Graduate Student Association, 2017 - 2019
> Research Assistant, Neag School of Education, 2017
> Ph.D. Student Representative, Communication Graduate Student Association, 2016 - 2017
> M.A. Student Representative, Communication Graduate Student Association, 2015 - 2016
> Research Assistant, Human Computer Interaction Lab, 2014 – 2017

Rutgers University
> Volunteer, Hurricane Sandy Relief, Rutgers University Meteorology Club, 2013
> President, Rutgers University Meteorology Club (Local AMS/NWA Chapter), 2012 - 2013
> President, Rutgers University Collegiate 4-H Club, 2012 - 2013
> Vice-President, Rutgers University Meteorology Club (Local AMS/NWA Chapter), 2012
> On-air Meteorologist, Rutgers University Television Network, 2011 – 2014

Student Advisees

West Chester University

Julia Lewis Lennox, Ed.D. (2024). Understanding Student's Cognitive Processes while Evaluating Online Sources: A Mixed Methods Study. Dissertation Committee Member, College of Education and Social Work.

Lauren Beachy, M.A. (2024). A Uses and Gratifications Analysis of Traditional Radio Promos in the Age of Digital Competition. Thesis Committee Member, College of Arts and Humanities.

MEDIA EXPOSURE

Featured on "Strategies for Teaching in Large Lecture Settings" ODLI on Air. January 25, 2022.

Featured in "Heat waves are becoming more common, should we change their definition?" (Page A1) *The Press of Atlantic City*. August 29, 2021

Featured in "Plan to protect NJ from rising seas calls for massive flood gates and home raising." (Page A1) *The Press of Atlantic City*. August 20, 2021.

Featured in "24 weather advisories to be discontinued by the National Weather Service." *The Press of Atlantic City*. March 15, 2021.

Research featured in "Heat wave 'Hugo?' New coalition seeks to name hot weather like hurricanes." *The Washington Post*. Capital Weather Gang. August 6, 2020.

Featured in "A storm with a name makes people more aware of danger - Is this correct" *de Volkskrant* (Dutch-language). February 28, 2020.

Featured on "Hurricane Messaging" Something in the Air Podcast. October 15, 2019.

Quoted in "Farmers' Almanac calls for 'Polar coaster' winter. Will it happen?" (Page A1) *The Press of Atlantic City*. August 30, 2019.

Quoted in "Weather Nerds Go to War: #Noreaster4 vs. 'Winter Storm Toby'." *The Daily Beast*. March 21, 2018.

Featured and quoted in "Student studies impact of winter storm names." *The Chronicle*. December 22, 2017.

Research interview in *UConn Today*. December 14, 2017.

Research featured on "-30-" TV Newsmagazine of *The Press of Atlantic City*. December 6, 2017.

Featured and quoted in "What's in a (winter storm) name?" (Page A1) *The Press of Atlantic City*. December 4, 2017.

Featured and quoted in "A winter storm by any other name will still snow-in your car." *USA Today*. October 23, 2017.

Research featured in "Blizzards, hurricanes, and what's in a name." *The Philadelphia Inquirer*. October 23, 2017.

Featured on "What's in a (Winter Storm) Name?" *Weather Junkies Podcast*. March 3, 2016.

APPLIED RESEARCH EXPERIENCE

2014   New Jersey Department of Environmental Protection, *Trenton, NJ*

Public Information Assistant

Duties: Designed and led an ozone awareness education initiative to be implemented in the summer of 2015 (pilot tested in the summer of 2014); independently researched best communication practices to better engage the public in ozone awareness and education; developed new and revise existing curriculum materials which follow national and state Core Curriculum standards in K-12 New Jersey schools; created unique and factual brochures, pamphlets, and other media which can be distributed to the public.

2014   Climate Central Inc., *Princeton, NJ*

Climate Communication Contributor

Duties: Brainstormed topics and ideas for visual graphics which connect current weather and climate for television station use; wrote content corresponding with television graphics and assisted in graphics production and development; composed articles relating to relevant weather, climate, and climate change events.

2012-   Office of the New Jersey State Climatologist, *Piscataway, NJ*

2014   Research Assistant

Duties: Projects included quality control project of CoCoRaHS data entries under NJ State Climatologist David Robinson; updated traffic camera data and maps for the NJwxnet website; strongly proficient in data analyzing techniques using Microsoft Excel; responsible for beta testing, error correction, and composing articles for NJwxnet website; managed historical weather and climate station data for NJ COOP weather observation stations.

2011 **Independent Study**, *New Brunswick, NJ*
One-course credit project on Nor'Easter pressure gradients
> **Duties:** Used Microsoft Excel to analyze multiple variables from various weather stations (obtained from the National Climatic Data Center) to determine the largest pressure gradient in comparison with past weather occurrences.

2011 **Undergraduate Technical Thesis**, *New Brunswick, NJ*
The Implementation of Greener Practices within a Sports Stadium, submitted to fulfill course requirements for "*Scientific and Technical Writing*"
> **Duties:** Researched various aspects to green stadium design, building, and management; evaluated data related to stadium development, usage, waste, and financial aspects; produced a unique 20-page project proposal to build an environmentally friendly sports stadium; presented a conference-style presentation on the project plan.

2011 **Lubrizol Advanced Materials Inc.**, *Pedricktown, NJ*
Engineering Intern
> **Duties:** Participated in daily plant management meetings and teamwork creation meetings; edited and updated procedures and training in laboratory manual and product recipes using Microsoft Excel; composed report on lab water filtration system usage and submitted EPA TRI/NJDEP RPPR/TCPA reports; analyzed product specifications to meet company requirements; inventoried laboratory chemicals and updated laboratory Material Safety Data Sheets.

MEDIA INDUSTRY EXPERIENCE

2013- **The Washington Post**, *Washington D.C.*
Freelance Writer
> **Duties:** Responsible for contributing approximately at least one article per week with an original topic and angle; researched topics such as climate change, extreme weather patterns, weather insurance; interviewed various experts in science for article depth.

2013 **New Jersey Newsroom**
Copy Editor/Writer
> **Duties:** Responsible for editing and publishing 10-15 articles daily using Joomla; performed extensive research, conducted analysis, and wrote 9 front-page posts over a three-month class period on topics including Cory Booker's Senate Run and the Camden school-state takeover; composed original reporting, developed aggregation posts, edited photographs, and wrote headlines and photo captions that adhere to SEO principles; routinely met tight deadlines and cultivated story ideas for a website with over 900,000 unique visitors.

2013 **CBS 3 KTW-TV**, *Philadelphia, PA*
2013 **News 12 New Jersey**, *Edison, NJ*
2012 **NBC40 WMGM-TV**, *Linwood, NJ*
Meteorology Intern
> **Duties:** Forecasted weather using various models, MOS outputs, and other meteorological tools; aided meteorologists and producers in forecasting weather events for the Philadelphia and New York regions; created imaginative and original graphics for on-air broadcast in 4th largest television market; assisted in the construction of rundowns for the newscasts; composed weather discussions and news articles posted on the respective websites.

2011 - **WRSU Radio 88.7 FM**, *New Brunswick, NJ*
2013 News Correspondent
> **Duties**: Wrote and edited original news stories for broadcasting live on air; hosted a daily hour-long news cast which was broadcasted live; covered events such as 2012 presidential election, Joe Paterno's death, NFL Draft, and local campus stories

2011- **Rutgers University Television Network**, *Piscataway, NJ*
2012 Special Initiatives Supervisor, Floor Leader
> **Duties:** Trained general members in production, scriptwriting, editing, field shooting, and use of studio equipment; responsible for composing daily Facebook weather discussions and oversight of social media pages; acted as producer of non-forecast related packages, promotions, PSA's and other productions; conducted an initiative to obtain a new graphics system for the WeatherWatcher studio; worked on production crew of an Emmy-award winning episode of *Anderson Cooper 360.*

PROFESSIONAL MEMBERSHIPS AND SOCIETIES

2019-   American Association for the Advancement of Science (AAAS), *Member*
2018-   Central States Communication Association (CSCA), *Member*
2015-   National Communication Association (NCA), *Member*
2014-   International Communication Association (ICA), *Member*
2014-   Kappa Tau Alpha National Honor Society (KTA), *Lifetime Member*
2012-   American Meteorological Society (AMS), *Member*

PROFESSIONAL REFERENCES

(1) Kenneth Lachlan
Professor and Department Head (PhD advisor), UConn
kenneth.lachlan@uconn.edu
Phone: (860) 486-6689

(2) Stephen Stifano
Associate Professor in Residence (former teaching supervisor), UConn
stephen.stifano@uconn.edu
Phone: (860) 486-3491

(3) John Christensen
Associate Professor (PhD committee member), UConn
john.christensen@uconn.edu
Phone: (860) 486-5257

(4) Lauren Feldman
Professor (undergraduate thesis advisor), Rutgers
Lauren.feldman@rutgers.edu
Phone: (848) 932-8783

(5) Anthony Broccoli
Professor (former meteorology professor), Rutgers
broccoli@envsci.rutgers.edu
Phone: (848) 932-5749