

CURRICULUM VITAE

Nicole M. Krause

Associate Researcher
Morgridge Institute for Research
330 N Orchard St, Madison, WI 53715

www.nicolemkrause.com | [google scholar](https://scholar.google.com/citations?user=...) | nicky.krause@gmail.com
920.213.8670

EDUCATION

2017 - 2023	Ph.D., Mass Communication, Life Sciences Communication (LSC), minors in Political Science & Educational Psychology - Quantitative Methods, University of Wisconsin – Madison (UW)
2013 - 2016	M.A., Communication, University of Illinois – Chicago (UIC)
2009 - 2010	B.A., English, concentration in Media, Rhetoric, and Cultural Studies (UIC) with honors, high distinction in the English department, <i>summa cum laude</i>
2006 - 2007	(<i>transferred</i>) Media Arts & Animation, Illinois Institute of Art – Chicago

AWARDS

2020	Henry Steenbock Scholarship, UW
2018, 2019, 2020	Nellie McCannon Life Sciences Communication Scholarship, UW
2017	Maurice & Grace White Life Sciences Communication Scholarship, UW
2014	NCA Membership Award for an Outstanding Master’s Student, UIC
2010	Silver Award for an Outstanding Undergraduate Student, UIC

PEER-REVIEWED JOURNAL ARTICLES

Yang, S., **Krause, N. M.**, Bao, L., Calice, M., Newman, T. P., Scheufele, D. A., Xenos, M. A., & Brossard, D. (2023). In AI we trust: The interplay of media use, political ideology, and trust in shaping emerging AI attitudes. *Journalism & Mass Communication Quarterly*.

Alexander, S., Calice, M. N., Scheufele, D. A., Brossard, D., **Krause, N.**, Wright, D. B., & Block, P. (2023). The impact of extreme precipitation events and their variability on climate change beliefs in the American public. *Weather, Climate, and Society*.

Freiling, I., **Krause, N. M.**, & Scheufele, D. A. (2023). Science and ethics of “curing” misinformation. *American Medical Association Journal of Ethics*, 25(3), 228-237.

Krause, N. M., Beets, B., Howell, E. L., Tosteson, H., & Scheufele, D.A. (2023). Collateral damage from debunking mRNA vaccine misinformation. *Vaccine*, 41(4), 922-929.

Krause, N. M. (2023). Placing “trust” in science: The urban-rural divide and Americans’ feelings of warmth toward scientists. *Public Understanding of Science*. Advance online publication.

*Freiling, I., **Krause, N. M.**, Scheufele, D. A., & Brossard, D. (2023). Believing and sharing misinformation, fact-checks, and accurate information on social media: The role of anxiety during

COVID-19. *New Media & Society*, 25(1), 141-162. ***This paper appears in Web of Science as a Top 1% Highly Cited Paper in Social Sciences.**

Krause, N. M., Freiling, I., & Scheufele, D. A. (2022). The “infodemic” infodemic: Toward a more nuanced understanding of truth claims and the need for (not) combatting misinformation. *The ANNALS of the American Academy of Political and Social Science*, 700(1), 112-123.

Bao, L., **Krause, N. M.**, Calice, M. N., Scheufele, D. A., Wirz, C. D., Brossard, D., Newman, T. P., & Xenos, M. A. (2022). Whose AI? How different publics think about AI and its social impacts. *Computers in Human Behavior*, 130(107182).

Freiling, I., **Krause, N. M.**, Chen, K., & Scheufele, D. A. (2021). The science of open (communication) science: Toward an evidence-driven understanding of quality criteria in communication research. *Journal of Communication*, 71(5), 686-714.

Scheufele, D. A., **Krause, N. M.**, Freiling, I., & Brossard, D. (2021). What we know about effective public engagement on CRISPR and beyond. *Proceedings of the National Academy of Sciences*, 118(22).

*Scheufele, D. A. & **Krause, N. M.** (2019). Science audiences, misinformation, and fake news. *Proceedings of the National Academy of Sciences*, 116(16), 7662-7669. ***This paper appears in Web of Science as a Top 1% Highly Cited Paper in Social Sciences.**

Krause, N. M., Brossard, D., Scheufele, D. A., Xenos, M. A., & Franke, K. (2019). The Polls—Trends: Americans’ Trust in Science and Scientists. *Public Opinion Quarterly*, 83(4), 817-836.

PEER-REVIEWED BOOK CHAPTERS

Krause, N. M., Wirz, C. D., Scheufele, D. A., & Xenos, M. (2019). Fake news: A new obsession with an old phenomenon? In J. Katz (Ed.), *Journalism and Truth in an Age of Social Media*. Oxford University Press.

PERSPECTIVE PIECES

Krause, N. M., Freiling, I., & Scheufele, D. A. (under review). Changing information ecologies for science. *PNAS Nexus*.

Scheufele, D. A., **Krause, N. M.**, & Freiling, I. (2021). Misinformed about the “infodemic?” Science’s ongoing struggle with misinformation. *Journal of Applied Research in Memory and Cognition*, 10(4), 522-526.

Krause, N. M., Scheufele, D. A., Freiling, I., & Brossard, D. (2021). The trust fallacy: Scientists’ search for public pathologies is unhealthy, unhelpful, and ultimately unscientific. *American Scientist*, 109(4), 226-231.

Krause, N. M., Freiling, I., Beets, B., & Brossard, D. (2020). Fact-checking as risk communication: The multi-layered risk of misinformation in times of COVID-19. *Journal of Risk Research*, 23(7-8), 1052-1059. **This paper appears in Web of Science as a Top 1% Highly Cited Paper in Social Sciences.**

Scheufele, D. A., **Krause, N. M.**, Freiling, I., & Brossard, D. (2020). How not to lose the COVID-19 communication war. *Issues in Science and Technology*, April 17.

INVITED PRESENTATIONS

Krause, N. M. (2023, April). *Looking beyond public pathologies in research and action on misinformation*. In D. Brown & M. Engevik. *Combating science misinformation* [Symposium]. American Physiology Summit, Long Beach, California, United States.

Krause, N. M. (2023, April). *Uncertainty, misinformation, and trust in science*. In A. Bunker & B. Boesch, *Incorporating scientific uncertainty in physiology education* [Symposium & Workshop]. American Physiology Summit, Long Beach, California, United States.

Krause, N. M. (2022, October). *Science polarization, misinformation, and trust in science*. In H. Thorp, “*What Engenders Trust in Science?*” [Symposium]. 2022 AAAS Forum on Science and Technology Policy. Washington, DC, United States.

Krause, N. M. (2022, June). *Mistrust, misinformation, or myopia? How an emphasis on correcting public pathologies limits our understanding of science communication challenges*. Presentation for the STEM Comm Summer Colloquium, Texas Tech University, United States.

DiChristina-Gerosa, M., **Krause, N. M.**, Levine, A. S., Montojo, C., & Sheats, J. (2022, June). *Building a culture of civic science: The Civic Science Fellows program* [Panel Discussion]. Reimagining Science Communication in the COVID Era and Beyond: The 5th National Academies Science Communication Colloquium, Irvine, California, United States.

Krause, N. M. (2021, November). *Avoiding the trust fallacy: A reminder to tread carefully as we discuss “trust in science.”* In P. Garev, *Facing up to the Infodemic: Promoting a Fact-Based Public Discourse in the Digital Age* [Symposium]. Science & You, Metz, France.

Krause, N. M. (2020, June). *How we make (ourselves) believe: Psychological factors linked to belief in (mis)information about science*. In B. Dutrow & T. Parkhill, *Teaching and Communicating Science in the Age of Social Media* [Symposium]. Goldschmidt 2020, Virtual.

Krause, N. M. (2019, November). *Individual-level influences on the acceptance (or not) of scientific truth-claims*. In P. Garev, *Fostering Democratic Resilience in the Digital Age: International Experts’ Workshop* [Symposium], Tel Aviv, Israel.

CONFERENCE PRESENTATIONS

Krause, N. M. (2023, May). *Trust in science—How poll trends can lend much-needed nuance to the crisis narrative*. In J. Schuldt, “*Spotlight on Trends: New Opportunities and Methodological Considerations for Analyzing Survey Data over Time*” [Symposium]. The 78th Annual AAPOR Conference, Philadelphia, Pennsylvania, United States.

Alexander, S., Calice, M., Scheufele, D. A., Brossard, D., **Krause N. M.**, Wright, D. B., & Block, P. (2022, December). The impact of extreme precipitation events and their variability on climate change beliefs. Paper to be presented at the annual conference of the Society for Risk Analysis (SRA), Tampa, Florida, United States.

Krause, N. M., Howell, E. L., Beets, B., Tosteson, H., & Scheufele, D. A. (2022, August). Debunking misinformation to fight the COVID-19 infodemic can do collateral damage to other science attitudes. Paper presented at the annual conference of the Association for Education in Journalism and Mass Communication (AEJMC), Detroit, Michigan, United States.

Yang, S., **Krause, N. M.**, Bao, L., Calice, M., Newman, T. P., Scheufele, D. A., Xenos, M. A., & Brossard, D. (2022, May). In AI we trust: The interplay of media use, political ideology, and trust in shaping emerging AI attitudes [Poster presentation]. 72nd Annual International Communication Association (ICA) Conference, Paris, France.

Krause, N. M., Freiling, I., Scheufele, D. A. (2022, May). The ‘infodemic’ infodemic: Toward a more nuanced understanding of truth-claims and (not) combatting misinformation. Paper presented at the 72nd Annual International Communication Association (ICA) Conference, Paris, France.

Krause, N. M., Yang, S., Bao, L., Calice, M., Newman, T. P., Brossard, D. (2021, November). *The interplay of trust and political ideology in shaping emerging AI attitudes*. Paper presented at Science & You 2021, Metz, France.

Bao, L., **Krause, N. M.**, Calice, M. N., Wirz, C. D., Scheufele, D. A., Brossard, D., Newman, T. P., & Xenos, M. A. (2021, August). *Communicating AI: Segmenting audiences on risk and benefit perceptions*. Paper presented at the annual conference of the Association for Education in Journalism and Mass Communication (AEJMC), Virtual.

Freiling, I., **Krause, N. M.**, Chen, K., & Scheufele, D. A. (2021, August). *Science of open (communication) science: Toward an evidence-driven understanding of quality criteria in communication research*. Paper presented at the annual conference of the Association for Education in Journalism and Mass Communication (AEJMC), Virtual.

Krause, N. M., Howell, E. L., Xenos, M. A., Scheufele, D. A., & Brossard, D. (2021, May). *Enabling decision-relevant debates about human genome editing*. Presented at the Public Communication of Science and Technology (PCST+1) conference, Virtual.

Freiling, I., **Krause, N. M.**, Scheufele, D. A., & Brossard, D. (2021, May). *Believing and sharing misinformation, fact-checks, and accurate information on social media: Anxiety during COVID-19*. Paper presented at the annual conference of the International Communication Association (ICA), Virtual.

Freiling, I., **Krause, N. M.**, Scheufele, D. A., & Brossard, D. (2021, April). *Anxiety fueling belief in and sharing of true, false, and corrected information on social media during COVID-19*. Paper presented at DACH21: Three-Country Conference on Communication Science, Virtual.

Krause, N. M., Calice, M. (2020, December). *Troubled waters: Group conflict in depictions and perceptions of nutrient contamination in Wisconsin*. Presented at the annual conference of the Society for Risk Analysis (SRA), Virtual.

***Krause, N. M.** (2020, August). *The urban-rural divide and Americans’ trust in scientists*. Paper presented at the annual conference of the Association for Education in Journalism and Mass Communication (AEJMC), Virtual. ***This paper won 3rd place Top Student Paper in the Communicating Science, Health, Environment, and Risk (ComSHER) division of AEJMC.**

Krause, N. M., Brossard, D., Scheufele, D. A., Xenos, M., Franke, K. (2018, June). *Poll trends: Americans’ trust in science and scientists*. In K. Hunt (Chair) Politics & Policy. Symposium conducted at the Sixth Iowa State University Summer Symposium on Science Communication: Understanding the Role of Trust and Credibility in Science Communication, Ames, Iowa, United States.

FELLOWSHIPS

Sep 2021 – Aug 2023 Civic Science Fellowship, supported by the John Templeton Foundation
Jan 2017 – May 2017 University Fellowship, UW, Madison, Wisconsin

PROFESSIONAL EXPERIENCE

Inside academia:

Oct 2023 – Jan 2024 Researcher II, LSC, UW
Sep 2017 – Jan 2024 Science, Media & the Public (SciMeP) research group, LSC, UW
Sep 2021 – Sep 2023 Researcher I and Civic Science Fellow, LSC, UW
Aug 2018 – Aug 2021 Project Assistant, National Science Foundation grant, LSC, UW
May 2021 – Aug 2021 Instructor, UW, LSC251, Science, Media, and Society (taught online)
May 2020 – Aug 2020 Instructor, UW, LSC251, Science, Media, and Society (taught online)
Jan 2020 – May 2020 Teaching Assistant, UW, LSC251, Science, Media, and Society
Sep 2017 – Jan 2018 Project Assistant, LSC and Morgridge Institute for Research, UW
Sep 2015 – May 2016 Project Associate, the Freshwater Lab (FWL), UIC
Sep 2015 – Dec 2015 Teaching Assistant, UIC, COMM200, Communication Technologies
Apr 2015 – Dec 2015 Graduate Assistant, School of Public Health, Environmental & Occupational Health Sciences Division, UIC

Aug 2014 – Aug 2015 Project Assistant, Institute for the Humanities, UIC
Jan 2014 – May 2014 Research Assistant, College of Business Administration, UIC, Collaborative Communication & Information Technologies (CCIT) Research Group

Jan 2014 – May 2014 Teaching Assistant, UIC, COMM102, Interpersonal Communication; COMM103, Introduction to Media

Aug 2013 – Dec 2013 Research Assistant, College of Business Administration, UIC, CCIT Research Group

Aug 2013 – Dec 2013 Teaching Assistant, UIC, COMM102, Interpersonal Communication

Outside academia:

July 2016 – July 2017 Innovation Specialist (User Experience Researcher / Designer), 18F, General Services Administration (GSA), United States federal government
Jan. 2013 – Aug 2015 Associate User Experience Designer, GA Communication Group, Chicago, IL (healthcare advertising)
Jan 2011 – Dec 2012 Application Manager, Epic Systems, Verona, WI (healthcare software)
Sep 2010 – Dec 2010 Project Coordinator, Tribune Interactive, Tribune Company, Chicago, IL
July 2007 – July 2009 Project Coordinator, Kinect, of Corbett Accel Healthcare Group, Chicago, IL (healthcare advertising)

CONSULTING

Fall 2022 - present The Science Communication Lab/Wonder Collaborative
Spring 2020 John Templeton Foundation
Fall 2019 Chan-Zuckerberg Initiative

TEACHING

As primary instructor: LSC251 – Science, Media, and Society, taught twice at UW (online summer course)
As teaching assistant: LSC251– Science, Media, and Society, taught at UW (in-person); COMM200 – Communication Technologies, taught at UIC (in-person); COMM103 – Introduction to Media, taught at UIC (in-person); COMM102 – Interpersonal Communication, taught at UIC (in-person)

SERVICE

Member of Graduate Student Committee organized by the Communicating Science, Health, Environment, and Risk (ComSHER) division of AEJMC. (2020 – 2022).

Graduate student representative on faculty search committee for the department of Life Sciences Communication at UW-Madison. (2019).

Ad-hoc review for the following journals: Big Data & Society; Communication Theory; Chinese Journal of Communication, Information, Communication, & Society; International Journal of Press and Politics; Journal of Experimental Social Psychology; Journal of Risk Research; Journalism & Mass Communication Quarterly; New Media & Society; Perspectives on Psychological Science; PLOS ONE; PLOS Climate; PNAS Nexus; Political Behavior; Public Understanding of Science; Risk Analysis; Science Communication; Science and Public Policy, Scientific Reports; Weather, Climate, and Society

Reviewer and/or session moderator: Association for Education in Journalism and Mass Communication (AEJMC) Conference, Political Communication and ComSHER divisions; International Communication Association (ICA) Conference, Political Communication division.

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

Public Communication of Science and Technology (PCST); Association for Education in Journalism and Mass Communication (AEJMC); Society for Risk Analysis (SRA); International Communication Association (ICA)

GUEST LECTURING / SPEAKING

2024 – Spring EVP529: Environmental Science Communication, George Mason University.
2024 – Spring LSC375: Culturally Responsive Science Communication, UW-Madison.
2023 – Spring LSC375: Culturally Responsive Science Communication, UW-Madison.
2022 – Summer LSC251: Science, Media, and Society, UW-Madison.
2021 – Science Communication Journal Club: La ciencia de la desinformación, FECYT Ciencia (Spain).
2021 – Fall ANTHS018: Scientific Thinking and Reasoning, Yale University.
2021 – Summer ANTHS018: Scientific Thinking and Reasoning, Yale University.

MEDIA MENTIONS AND APPEARANCES

2023 *Darts and Letters*, CitedMedia podcast
2023 *Dallas Morning News*
2022 “*Science of misinformation*,” PNAS Science Sessions podcast.
2022 “*Disinformation talks*,” Israeli Public Policy Institute (IPPI) & Heinrich Böll Foundation
2022 *Minneapolis-St. Paul Magazine*
2021 *The Pulse*, an NPR/PBS podcast for WHYY, Philadelphia
2020 *GROW* (UW-Madison’s magazine for the life sciences)
2019 *Media Matters for America*

REFERENCES

Dietram A. Scheufele
Taylor-Bascom Chair in Science Communication
Vilas Distinguished Achievement Professor
Life Sciences Communication
University of Wisconsin-Madison
310 Hiram Smith Hall

1545 Observatory Drive
Madison, WI 53706
Phone: 608.262.1614
scheufele@wisc.edu

Dominique Brossard
Professor and Chair
Life Sciences Communication
University of Wisconsin-Madison
228 Hiram Smith Hall
1545 Observatory Drive
Madison, WI 53706
Phone: 608.263.3073
dbrossard@wisc.edu

Michael A. Xenos
Professor
Life Sciences Communication
University of Wisconsin-Madison
229 Hiram Smith Hall
1545 Observatory Drive
Madison, WI 53706
Phone: 608.262.4902
xenos@wisc.edu

Additional references available upon request.