

References and Additional Resources: Culturally Relevant Science Communication

We hope that the Culturally Relevant Science Communication Lifeolog course has given you a good starting point to improve your science communication practice and make it more culturally relevant and inclusive. Below is a list of resources, some of which are linked in the course, that can help you build your knowledge base and explore the topics of the course further.

BOOKS, TOOLKITS AND GUIDEBOOKS

1. [Science Communication: Culture, Identity and Citizenship](#), by Sarah R. Davies, Maja Horst.
2. [Broadening Perspectives Toolkit](#), Center for Advancing Informal Science Education (CAISE).
3. [Why Am I Always Being Researched?](#), A guidebook for community organizations, researchers, and funders to help us get from insufficient understanding to more authentic truth, Chicago Beyond.
4. [Communicating Science: A Global Perspective](#), edited by Toss Gascoigne, Bernard Schiele, Joan Leach, Michelle Riedlinger, Bruce V. Lewenstein, Luisa Massarani, and Peter Broks.
5. [Inclusive Science Communication Starter Kit](#), Metcalf Institute, University of Rhode Island.

PAPERS AND REPORTS

1. Dietz T. (2013) [Bringing values and deliberation to science communication](#). Proceedings of the National Academy of Sciences. DOI: 10.1073/pnas.1212740110.
2. Medin, D. L. & Bang, M. (2014) [The cultural side of science communication](#). Proceedings of the National Academy of Sciences. DOI: 10.1073/pnas.1317510111.
3. Orthia, L. A. [Strategies for including communication of non-Western and indigenous knowledges in science communication histories](#). Journal of Science Communication. DOI: <https://doi.org/10.22323/2.19020202>.
4. Gladstone, J.R. & Cimpian, A. (2021) [Which role models are effective for which students? A systematic review and four recommendations for maximizing the effectiveness of role models in STEM](#). International Journal of STEM Education. DOI: <https://doi.org/10.1186/s40594-021-00315-x>.
5. Crenshaw, K. (1989) [Demarginalizing the Intersection of Race and Sex: A Black Feminist Critique of Antidiscrimination Doctrine, Feminist Theory and Antiracist Politics](#). University of Chicago Legal Forum: Vol. 1989: Iss. 1, Article 8.
6. Malcolm, S., et al. (1976) [The Double Bind: The Price of Being a Minority Woman in Science](#). American Association for the Advancement of Science.
7. Márquez, M. C. & Porras, A. M. (2020) [Science Communication in Multiple Languages Is Critical to Its Effectiveness](#). Frontiers in Communication. DOI: 10.3389/fcomm.2020.00031.
8. Van Swol, L. M., et al. (2021) [Fostering climate change consensus: The role of intimacy in group discussions](#). Public Understanding of Science. DOI: 0.1177/09636625211020661.

9. Finlay, S. M., et al. (2021) [From the margins to the mainstream: deconstructing science communication as a white, Western paradigm](https://doi.org/10.22323/2.20010302). Journal of Science Communication. DOI: <https://doi.org/10.22323/2.20010302>.
10. [Inclusive Science Communication in Theory and Practice](#), Research Topics, Frontiers in Communication.
11. Canfield, K. N., et al. (2020) [Science communication demands a critical approach that centers inclusion, equity and intersectionality](#). Frontiers in Communication. DOI: 10.3389/fcomm.2020.00002.
12. Baxter, R. (2022) [Culturally Responsive Science Communication: the Messengers, Messages, and Voices in Communicating Science Through Hip-Hop](#). State University of New York at Buffalo ProQuest Dissertations Publishing, 28964697.

ARTICLES AND MULTIMEDIA

1. [Positionality and intersectionality](#), University of British Columbia.
2. [How A Cosmic Collision Sparked A Native American Translator's Labor Of Love](#), NPR.
3. [Saving Us: A Climate Scientist's Case for Hope and Healing in a Divided World](#), JFK Library, YouTube.
4. [How hip-hop helps us understand science](#), Danielle Lee, TED Talks.
5. [Do You See What I See?](#), NPR Short Wave.
6. [Educational Toolkit: Breaking the Wall between Marginalized Communities and Science](#) (Aquí Nos Cuidamos), Falling Walls Foundation, YouTube.
7. [Inclusive Science Communication](#), University of Rhode Island, Metcalfe Institute.
8. [Storytelling and Culturally Relevant Science Communication with Dr. Mónica Feliú-Mójer](#), University of Oregon School of Journalism and Communication
9. [What is reflexivity?](#), University of Warwick.
10. [Reflexivity: What is it, and why is it important in your community? | UMN Extension](#)
11. [Reflection and Reflexivity: What and Why?](#)