

# SCIS311 - Science Communication

Readings and other material for SCIS311 Science Communication

View Online



'2009 Expedition - Cape Farewell - The Cultural Response to Climate Change', n.d.  
<http://www.capefarewell.com/2009.html>.

'A Guide for Scientists on Giving Comments to Journalists - Phenomena', n.d.  
<http://phenomena.nationalgeographic.com/2013/05/22/a-guide-for-scientists-on-giving-comments-to-journalists/>.

'A Short History of Science Communication - An Infographic — FromTheLabBench', n.d.  
<http://www.fromthelabbench.com/from-the-lab-bench-science-blog/2016/6/21/a-short-history-of-science-communication-an-infographic>.

'Adam Curtis, All Watched over by Machines of Loving Grace, Episode 2: The Use and Abuse of Vegetational Concepts', n.d. <http://www.etv.org.nz/programme.php?id=40359>.

'Anatomy of a Masterpiece: 13 Reasons Why the "funniest Video of the Year" Is Pure Comedy Gold', n.d.  
<http://www.telegraph.co.uk/men/the-filter/anatomy-masterpiece-13-reasons-funniest-video-year-pure-comedy/>.

'Bad Science | Jacobin', n.d. <https://www.jacobinmag.com/2014/06/bad-science/>.

Ball, Philip. 'A Metaphor Too Far'. *Nature*, 23 February 2011.  
<https://doi.org/10.1038/news.2011.115>.

Barthes, Roland, and Annette Lavers. *Mythologies*. London: Vintage, 1993.

'BBC Blogs - Adam Curtis - THE VEGETABLES OF TRUTH', n.d.  
<http://www.bbc.co.uk/blogs/adamcurtis/entries/a2094c9d-9864-348e-a241-7aa93adf0c09>.

Bell, David. *Science, Technology and Culture*. McGraw-Hill Education, 2007.  
<http://ebookcentral.proquest.com/lib/VUW/detail.action?docID=287869>.

'Biotech Remains Unloved by the More Informed', n.d.  
<http://www.nature.com/nature/journal/v416/n6878/pdf/416261a.pdf>.

Blum, Deborah, Mary Knudson, Robin Marantz Henig, and ebrary, Inc. *A Field Guide for Science Writers*. 2nd ed. Oxford [England]: Oxford University Press, 2006.  
<http://site.ebrary.com/lib/vuw/Top?id=10271560>.

———. *A Field Guide for Science Writers*. 2nd ed. Oxford [England]: Oxford University

Press, 2006. <http://site.ebrary.com/lib/vuw/Top?id=10271560>.

'Breaking Ice Arts-Science Symposium | NZ IceFest', n.d.  
<http://nzicefest.co.nz/breaking-ice-arts-science-symposium>.

'Climate Change Debate: Last Week Tonight with John Oliver (HBO) - YouTube', n.d.  
<https://www.youtube.com/watch?v=cjuGCJJUGsg>.

Communicating Science in Social Contexts, n.d.  
<https://link.springer.com/book/10.1007%2F978-1-4020-8598-7>.

'Creative Commons Aotearoa New Zealand', n.d. <https://creativecommons.org.nz/>.

'Creative Commons Kiwi - YouTube', n.d. <https://www.youtube.com/watch?v=AeTIXtEOplA>.

'Creative Commons Pukeko on Vimeo', n.d. <https://vimeo.com/147551334>.

'David Dobbs on Science Writing: "hunt down Jargon and Kill It" | Science | The Guardian', n.d. <https://www.theguardian.com/science/2013/apr/19/science-writing-david-dobbs>.

'Deborah Blum on Science Writing: I'm a Neurotic over-Researcher | Science | The Guardian', n.d.  
<https://www.theguardian.com/science/2013/apr/24/deborah-blum-science-writing>.

'Deconstructing Gawande - Why Narrative and Structure Are Important - Not Exactly Rocket Science: Not Exactly Rocket Science', n.d.  
<http://blogs.discovermagazine.com/notrocketscience/2010/08/23/deconstructing-gawande-why-narrative-and-structure-are-important/#.WMXoGRhh1Bw>.

'Discover Magazine Blogs - : Discover Magazine Blogs', n.d.  
<http://blogs.discovermagazine.com/>.

'Does the New Definition of Science Measure up? | Science | The Guardian', n.d.  
<https://www.theguardian.com/science/blog/2009/mar/03/science-definition-council-francis-bacon>.

Dudo, Anthony. 'Scientists, the Media, and the Public Communication of Science'. *Sociology Compass* 9, no. 9 (September 2015): 761-75.  
<https://doi.org/10.1111/soc4.12298>.

Ebooks Corporation. *Communication and Engagement with Science and Technology: Issues and Dilemmas: A Reader in Science Communication*. Edited by John Gilbert and Sue Stocklmayer. New York: Routledge, 2013.  
<https://ebookcentral.proquest.com/lib/vuw/detail.action?docID=1092837>.

———. *Communication and Engagement with Science and Technology: Issues and Dilemmas: A Reader in Science Communication*. Edited by John Gilbert and Sue Stocklmayer. New York: Routledge, 2013.  
<https://ebookcentral.proquest.com/lib/vuw/detail.action?docID=1092837>.

———. *Communication and Engagement with Science and Technology: Issues and*

Dilemmas : A Reader in Science Communication. Edited by John Gilbert and Sue Stocklmayer. New York: Routledge, 2013.

<https://ebookcentral.proquest.com/lib/vuw/detail.action?docID=1092837>.

———. Communication and Engagement with Science and Technology: Issues and Dilemmas : A Reader in Science Communication. Edited by John Gilbert and Sue Stocklmayer. New York: Routledge, 2013.

<https://ebookcentral.proquest.com/lib/vuw/detail.action?docID=1092837>.

Emily D. Edwards. 'Firewalking: A Contemporary Ritual and Transformation'. TDR (1988-) 42, no. 2 (1998): 98-114.

[http://www.jstor.org/stable/1146701?seq=1#page\\_scan\\_tab\\_contents](http://www.jstor.org/stable/1146701?seq=1#page_scan_tab_contents).

'Five Ways to Improve Your Science Writing - Entomology Today', n.d.

<https://entomologytoday.org/2014/11/25/5-ways-to-improve-your-science-writing/>.

Fleming, Jean, and Jeremy Star. 'The Emergence of Science Communication in Aotearoa New Zealand', n.d.

[https://jcom.sissa.it/sites/default/files/documents/JCOM\\_1603\\_2017\\_A02.pdf](https://jcom.sissa.it/sites/default/files/documents/JCOM_1603_2017_A02.pdf).

'Forewarned Is Forearmed - Science Media Savvy | Helping Scientists Work Effectively with the News Media', n.d. <http://sciencemediasavvy.org/dealing-with-the-media/>.

'Ghosts of the Planet's Past - The Listener', n.d.

<http://www.noted.co.nz/archive/listener-nz-2015/ghosts-of-the-planet-s-past/>.

'Good to Glow - The Listener', n.d.

<http://www.noted.co.nz/archive/listener-nz-2015/good-to-glow/>.

Grundmann, Reiner, and Jean-Pierre Cavaillé. 'Simplicity In Science And Its Publics'.

Science as Culture 9, no. 3 (September 2000): 353-89. <https://doi.org/10.1080/713695251>.

Gutkind, Lee, and Hattie Fletcher Buck, eds. Keep It Real: Everything You Need to Know about Researching and Writing Creative Nonfiction. New York, N.Y.: W.W. Norton & Co, 2009.

'Handbook of Public Communication of Science and Technology, Ed. Bucchi and Trench', n.d.

[https://moodle.ufsc.br/pluginfile.php/1485212/mod\\_resource/content/1/Handbook-of-Public-Communication-of-Science-and-Technology.pdf](https://moodle.ufsc.br/pluginfile.php/1485212/mod_resource/content/1/Handbook-of-Public-Communication-of-Science-and-Technology.pdf).

Harding, Sandra G. Is Science Multicultural?: Postcolonialisms, Feminisms, and Epistemologies. Vol. Race, gender, and science. Bloomington, Ind: Indiana University Press, 1998.

Harris et. al., Pauline. 'A Review of Māori Astronomy', n.d.

<http://www.narit.or.th/en/files/2013JAHHvol16/2013JAHH...16..325H.pdf>.

Hayes, Richard, Daniel Grossman, and Union of Concerned Scientists. A Scientist's Guide to Talking with the Media: Practical Advice from the Union of Concerned Scientists. New Brunswick, N.J.: Rutgers University Press, 2006.

Higgins, Kathleen. 'Post-Truth: A Guide for the Perplexed'. *Nature* 540, no. 7631 (28 November 2016): 9–9. <https://doi.org/10.1038/540009a>.

Hikuroa, D. 'Mātauranga Māori—the Ūkaipō of Knowledge in New Zealand'. *Journal of the Royal Society of New Zealand* 47, no. 1 (2 January 2017): 5–10. <https://doi.org/10.1080/03036758.2016.1252407>.

'Hitching a Ride - Griffith Review', n.d. <https://griffithreview.com/articles/hitching-a-ride/>.

'Home - Radiolab', n.d. <http://www.radiolab.org/>.

'How to Avoid Common Mistakes in Science Writing | Science | The Guardian', n.d. <https://www.theguardian.com/science/2014/apr/24/how-to-avoid-common-mistakes-in-science-writing>.

'How to Write a Science News Story | Wellcome Trust Science Writing Prize | Ian Sample | Science | The Guardian', n.d. <https://www.theguardian.com/science/2014/mar/28/news-story-research-paper-wellcome-trust-science-writing-prize>.

'In Defense Of Metaphors In Science Writing - Scientific American Blog Network', n.d. <https://blogs.scientificamerican.com/life-unbounded/in-defense-of-metaphors-in-science-writing/>.

'Inclusion-Exclusion In Mathematics And Beyond', n.d. [http://digitaleditions.walsworthprintgroup.com/publication/?i=566588&article\\_id=3302575&view=articleBrowser&ver=html5#{"issue\\_id":566588,"view":"articleBrowser","article\\_id":"3302575"}](http://digitaleditions.walsworthprintgroup.com/publication/?i=566588&article_id=3302575&view=articleBrowser&ver=html5#{).

'Infographics & Creative Commons | Trello', n.d. <https://trello.com/b/TG8zZe0C/infographics-creative-commons>.

'Infographics and Creative Commons', n.d. <https://www.haikudeck.com/infographics--creative-commons-business-presentation-1c5RAMQOgB>.

Jair Salinas. 'Acapella Science - Evo Devo (Despacito Parody) Subtitulada al Español - YouTube', 2017. <https://www.youtube.com/watch?v=I2LRSBVRPR0>.

Jean RobertsonCraig McDaniel. 'Science and Contemporary Art'. *Grove Art Online*, n.d. <http://www.oxfordartonline.com/subscriber/article/grove/art/T2088866>.

Kahan, Dan M., Ellen Peters, Maggie Wittlin, Paul Slovic, Lisa Larrimore Ouellette, Donald Braman, and Gregory Mandel. 'The Polarizing Impact of Science Literacy and Numeracy on Perceived Climate Change Risks'. *Nature Climate Change* 2, no. 10 (27 May 2012): 732–35. <https://doi.org/10.1038/nclimate1547>.

Kapua, T. 'Defining Maori Science'. *Historical Review: Bay of Plenty Journal of History* 45, no. 2 (n.d.).

Kurzgesagt – In a Nutshell. 'What If There Was a Black Hole in Your Pocket? - YouTube', 2015. <https://www.youtube.com/watch?v=8nHBGFKLHZQ>.

'Long-Term Hazards of Taupo's Supervolcanoes - The Listener', n.d.  
<http://www.noted.co.nz/currently/science/long-term-hazards-of-taupos-supervolcanoes/>.

'Louisiana Bucket Brigade | Clean Air, Sustainability, Justice', n.d.  
<http://labucketbrigade.org/>.

Martin Robbins. 'This Is a News Website Article about a Scientific Paper'. Guardian, 27 September 2010. <https://www.theguardian.com/science/the-lay-scientist/2010/sep/24/1>.

'Measure Text Readability - Readability and Keyword Density Analysis and Tools - Unique Readability Tools to Improve Your Writing! Readable.io', n.d. <https://readable.io/>.

'Media Relations - Jane Johnston - 9781742376448 - Allen & Unwin - Australia', n.d.  
<https://www.allenandunwin.com/browse/books/academic-professional/media-communication-studies/Media-Relations-Jane-Johnston-9781742376448>.

'MIT App Inventor | Explore MIT App Inventor', n.d. <http://appinventor.mit.edu/explore/>.

MOON, KATIE, and DEBORAH BLACKMAN. 'A Guide to Understanding Social Science Research for Natural Scientists'. Conservation Biology 28, no. 5 (October 2014): 1167-77.  
<https://doi.org/10.1111/cobi.12326>.

'Nano Girl vs. Rhys Darby the Nanobot Zombie Brain Debate - YouTube', n.d.  
<https://www.youtube.com/watch?v=22aaqMjkXho>.

'National Statement of Science Investment', n.d.  
<https://www.mbie.govt.nz/assets/2eaba48268/national-statement-science-investment-2015-2025.pdf>.

'NZ Herald', n.d.  
[https://www.nzherald.co.nz/nz/news/article.cfm?c\\_id=1&objectid=12138857](https://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=12138857).

'NZ Icefest - Christchurch 2016 | NZ IceFest', n.d. <http://nzicefest.co.nz/>.

'Patients Who Were Research Subjects and the Doctors Who Listened - the Citizen Science of HIV/AIDS Research - Citizen Science Salon : Citizen Science Salon', n.d.  
[http://blogs.discovermagazine.com/citizen-science-salon/2014/07/21/hivaids-citizen-science/#.XNs\\_4y-B1hE](http://blogs.discovermagazine.com/citizen-science-salon/2014/07/21/hivaids-citizen-science/#.XNs_4y-B1hE).

'Peak Bullshit? | Post-Truth | An Essay by Richard King', n.d.  
<https://sydneyreviewofbooks.com/peak-bullshit-post-truth/>.

Pielke, Roger A. Jr. The Honest Broker. Cambridge: Cambridge University Press, 2007.  
<https://doi.org/10.1017/CBO9780511818110>.

'PM's New, Protein-Wrangling Science Advisor', n.d.  
<https://www.newsroom.co.nz/2018/06/12/117856/new-protein-wrangling-pms-science-adviser-greeted-with-delight#>.

'Poison in the Night | Speakeasy Science', n.d.  
<http://blogs.plos.org/speakeasyscience/2010/09/07/poison-in-the-night/>.

Priestley, Rebecca. 'A Survey of the History of Science in New Zealand 1769-1992'. *History Compass* 8, no. 6 (4 June 2010): 474–90.

<https://doi.org/10.1111/j.1478-0542.2010.00684.x>.

'Professor Juliet Gerrard, The Prime Minister's Chief Science Advisor', n.d.

<https://www.pmcsa.ac.nz/our-community/professor-juliet-gerrard/>.

'Radio New Zealand : National : Programmes : Our Changing World', n.d.

<http://www.radionz.co.nz/national/programmes/ourchangingworld>.

'Report of National Science Challenges Panel', n.d.

<http://www.pmcsa.org.nz/wp-content/uploads/Report-of-National-Science-Challenges.pdf>.

'Sailing, Tsunami and Climate Change: Rhian Salmon at TEDxHomeBushRdWomen', 2AD.

<https://www.youtube.com/watch?v=BsINPfOwKmw>.

'Sciblogs | Home - Sciblogs', n.d. <http://sciblogs.co.nz/>.

'Science Is Not What You Want It to Be - Making Science Public', n.d.

<http://blogs.nottingham.ac.uk/makingsciencepublic/2014/05/25/science-is-not-what-you-want-it-to-be/>.

'Science Media Centre » How Science Works – the Peer Review Process', n.d.

<http://www.sciencemediacentre.co.nz/how-science-works-the-peer-review-process/>.

'Science Writing Checklist', n.d.

<https://entomologytoday.files.wordpress.com/2014/11/writingchecklist2014.pdf>.

'Scientific Advice in a Troubled World | Office of the Prime Minister's Science Advisory Committee, New Zealand', n.d.

<http://www.pmcsa.org.nz/blog/scientific-advice-in-a-troubled-world/>.

'Scientific American Blog Network - Scientific American Blog Network', n.d.

<https://blogs.scientificamerican.com/>.

'Scientists Are Hoarding Data And It's Ruining Medical Research - BuzzFeed News', n.d.

[https://www.buzzfeed.com/bengoldacre/deworming-trials?utm\\_term=.ks372b8yN#.dsGlg0rRQ](https://www.buzzfeed.com/bengoldacre/deworming-trials?utm_term=.ks372b8yN#.dsGlg0rRQ).

'Secrets of Good Science Writing | Science | The Guardian', n.d.

<https://www.theguardian.com/science/series/secrets-science-writing>.

'Shitty First Draft', n.d.

<https://wrd.as.uky.edu/sites/default/files/1-Shitty%20First%20Drafts.pdf>.

'Tali Sharot: The Optimism Bias | TED Talk | TED.Com', n.d.

[https://www.ted.com/talks/tali\\_sharot\\_the\\_optimism\\_bias](https://www.ted.com/talks/tali_sharot_the_optimism_bias).

'Thaw Point - The Listener', n.d.

<http://www.noted.co.nz/archive/listener-nz-2015/thaw-point/>.

'Thaw Point - The Listener', n.d.

<http://www.noted.co.nz/archive/listener-nz-2015/thaw-point/>.

'The Cult of Science | New Humanist', n.d.

<https://newhumanist.org.uk/articles/2836/the-cult-of-science>.

'The Debunking Handbook, John Cook and Stephan Lewandowsky', n.d.

[https://www.skepticalscience.com/docs/Debunking\\_Handbook.pdf](https://www.skepticalscience.com/docs/Debunking_Handbook.pdf).

'The Effects of Plastic Microbeads in Facial Scrubs - The Listener', n.d.

<http://www.noted.co.nz/currently/science/the-effects-of-plastic-microbeads-in-facial-scrubs/>

'The Magic of Science - Making Science Public', n.d.

<http://blogs.nottingham.ac.uk/makingsciencepublic/2012/03/23/the-magic-of-science/>.

'The Use of Metaphors in Science and Technology - the Teaching Tomtom', n.d.

<https://teachingtomtom.com/2012/11/29/the-use-of-metaphors-in-science-and-technology/>.

'Trappings of Success - The Listener', n.d.

<http://www.noted.co.nz/currently/science/trappings-of-success/>.

'Where Do Trees Get Their Mass From? - YouTube', n.d.

[https://www.youtube.com/watch?v=2KZb2\\_vcNTg](https://www.youtube.com/watch?v=2KZb2_vcNTg).

'Why Being Bilingual Works Wonders for Your Brain | Science | The Guardian', n.d.

<https://www.theguardian.com/science/2016/aug/07/being-bilingual-good-for-brain-mental-health>.

'Why Facts Don't Change Our Minds - The New Yorker', n.d.

<http://www.newyorker.com/magazine/2017/02/27/why-facts-dont-change-our-minds>.

Woolgar, Steve. Science, the Very Idea. Vol. Key ideas. Chichester [West Sussex]: Ellis Horwood, 1988.

'Writing for Impact: What You Need to Know, and 5 Ways to Know It | Paul Cairney: Politics & Public Policy', n.d.

<https://paulcairney.wordpress.com/2017/05/24/writing-for-impact-what-you-need-to-know-and-5-ways-to-know-it/>.

'Writing Resources « Rebecca Skloot', n.d.

<http://rebeccaskloot.com/writing/writing-resources/>.

'Your Penis Is Getting in the Way of My Science', n.d.

<http://io9.gizmodo.com/your-penis-is-getting-in-the-way-of-my-science-1564473352>.