

## Science Writing Resource Guide

First, check out our Scientific Guide to Science and Storytelling and check out our editing checklist.

### **Excellent examples of science communication:**

Watch Mark Rober test if Sharks can smell blood

<https://www.youtube.com/watch?v=ugRc5jx80yg>

Watch this excellent three minute thesis about mosquitos:

<https://www.youtube.com/watch?v=dh0pJdgY6Lc&t=8s>

Watch Bill Nye's scorching climate rant:

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

Read the most read science news articles of 2021:

<https://www.sciencenews.org/article/science-news-most-read-stories-2021>

Read this interesting article about a newly discovered organ in the human throat.

<https://www.livescience.com/new-salivary-gland.html>

Watch this TED-ed explanation of Depression

<https://www.youtube.com/watch?v=z-IR48Mb3W0>

Watch ASAPScience ask what if you stopped sleeping:

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

### **Science Communication how-tos**

Read some tips for science journalism:

<https://www.aaas.org/programs/center-public-engagement-science-and-technology/tips-science-journalists>

Read how Hollywood teaches researchers about communication:

<https://www.nature.com/articles/d41586-020-01731-9>

Watch this ad for Neil deGrass Tyson's Masterclass:

<https://www.youtube.com/watch?v=io6QdGcoWMU>

Read this article on how we can learn from the greatest scientific writings:

<https://www.scientificamerican.com/article/from-surmise-to-sunrise/>

Read several articles on science writing, particularly for the news:  
<https://www.theguardian.com/science/series/secrets-science-writing>

Read this article on the future of science storytelling:  
<https://blogs.scientificamerican.com/observations/the-future-of-science-storytelling/#:~:text=Science%20is%20about%20storytelling%2C%20expectations,nook%20of%20its%20helical%20coils>

Read this research paper on science storytelling:  
[https://www.pnas.org/content/111/Supplement\\_4/13614](https://www.pnas.org/content/111/Supplement_4/13614)

Watch this TED talk on science storytelling (side note: he has an Irish accent)  
<https://www.youtube.com/watch?v=cXJJvvjSB9c>

Watch Niel deGrass Tyson explain the problem with science journalism:  
[https://www.youtube.com/watch?v=Vi-ks\\_xFbGY](https://www.youtube.com/watch?v=Vi-ks_xFbGY)

Watch a Ted-ed video on scientific studies  
<https://www.youtube.com/watch?v=GUpd2HJHUt8>

Watch how people lie with statistics  
<https://www.youtube.com/watch?v=bVG2OQp6jEQ>

Read this article on how to make better graphs  
<https://towardsdatascience.com/how-to-create-beautiful-and-insightful-charts-e14a41c2cae0>

Watch how statistics can actually be cool:  
<https://www.youtube.com/watch?v=hVimVzgtD6w>

### **Writing Resources:**

Watch a TED talk on the science of storytelling:  
<https://www.youtube.com/watch?v=Nj-hdQMa3uA>

Watch a squirrel explain active vs passive voice:  
<https://www.youtube.com/watch?v=FHPQpgkNJb0>

Watch this TED-ed talk on writing descriptively:  
<https://www.youtube.com/watch?v=RSorZTtwgP4&list=PLJicmE8fK0EgaT9PaLkW977tUpmUXtnAa&index=2>

Read this article on writing articles quickly:

<https://www.masterclass.com/articles/how-to-write-a-good-article-quickly#7-tips-for-writing-a-good-article-quickly>