



Professor Stephan Lewandowsky
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Chair in Cognitive Psychology

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Summary

I am a cognitive scientist with an interest in computational modeling. That is, I try to understand how the mind works by writing computer simulations of our memory and decision-making processes. Recently, I have become interested in how people update their memories if things they believe turn out to be false. This has led me to examine the persistence of misinformation in society, and how myths and misinformation can spread. I have become particularly interested in the variables that determine whether or not people accept scientific evidence, for example surrounding vaccinations or climate science.

More biographical detail including a list of all my scholarly publications can be found on my academic [homepage](http://www.cogsciWA.com) at www.cogsciWA.com.

I also blog at <http://www.shapingtomorrowworld.org/> on matters relating to climate change and global challenges. (On Twitter I am @STWorg).

I am also currently serving as Digital Content Editor for the Psychonomic Society and I blog routinely on cognitive research conducted by the Society at www.psychonomic.org.

Expertise

I am a cognitive scientist with an interest in computational modeling. That is, I try to understand how the mind works by writing computer simulations of our memory and decision-making processes. Recently, I have become interested in how people update their memories if things they believe turn out to be false. This has led me to examine the persistence of misinformation in society, and how myths and misinformation can spread. I have become particularly interested in the variables that determine whether or not people accept scientific evidence, for example surrounding vaccinations or climate science.

- misinformation and memory updating
- acceptance of science
- models of memory
- skepticism vs. denial
- computer simulations
- General Election 2017

Memberships

Organisations

[School of Experimental Psychology](#)

Other sites

- [Neuroscience](#)

Psychological Science staff

- [Psychological Science academic staff](#)

Research themes

- [Cognitive Processes](#)

Research groups

- [Memory Group](#)
- [Cognitive Science](#)

Recent publications

- Gordon, A, Quadflieg, S, Brooks, JCW, Ecker, UKH & Lewandowsky, S, 2019, '[Keeping Track of 'Alternative Facts': The Neural Correlates of Processing Misinformation Corrections](#)'. *NeuroImage*.
- Swire-Thompson, B, Ecker, UK, Lewandowsky, S & Berinsky, AJ, 2019, '[They Might be a Liar but They're My Liar: Source Evaluation and the Prevalence of Misinformation](#)'. *Political Psychology*.
- Lewandowsky, S, 2019, '[In Whose Hands the Future?](#)'. in: J E Uscinski (eds) *Conspiracy Theories and the People Who Believe Them*. Oxford University Press, pp. 149-177
- Wiesner, K, Birdi, A, Eliassi-Rad, T, Farrell, H, Garcia, D, Lewandowsky, S, Palacios, P, Ross, D, Sornette, D & Thébault, KPY, 2019, '[Stability of democracies: A complex systems perspective](#)'. *European Journal of Physics*, vol 40.
- Lewandowsky, S, Pilditch, TD, Madsen, JK, Oreskes, N & Risbey, JS, 2019, '[Influence and seepage: An evidence-resistant minority can affect public opinion and scientific belief formation](#)'. *Cognition*.
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- Lewandowsky, S, Cook, J & Lloyd, E, 2018, '[The 'Alice in Wonderland' mechanics of the rejection of \(climate\) science: simulating coherence by conspiracism](#)'. *Synthese*, vol 195., pp. 175-196
- Harvey, JA, Berg, DVD, Eilers, J, Kampen, R, Crowther, TW, Roessingh, P, Verheggen, B, Nuijten, RJ, Post, E, Lewandowsky, S, Stirling, I, Balgopal, M, Amstrup, SC & Mann, ME, 2018, '[Internet Blogs, Polar Bears, and Climate-Change Denial by Proxy](#)'. *Bioscience*, vol 68., pp. 281-287
- Aird, MJ, Ecker, UK, Swire, B, Berinsky, AJ & Lewandowsky, S, 2018, '[Does truth matter to voters? The effects of correcting political misinformation in an Australian sample](#)'. *Royal Society Open Science*, vol 5.
- Lewandowsky, S & Whitmarsh, L, 2018, '[Climate communication for biologists: When a picture can tell a thousand words](#)'. *PLoS Biology*, vol 16.

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