Leopoldina
Nationale Akademie
der Wissenschaften

Curriculum Vitae Professor Dr Stephan Lewandowsky

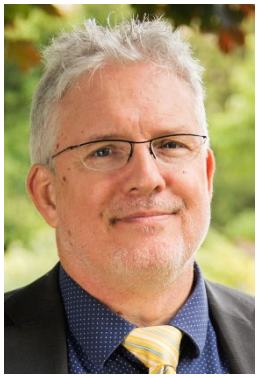

Image: www.cogsciwa.com

Name: **Stephan Lewandowsky**
Date of birth: **3 June 1958**

Research Priorities: Cognitive science, decision-making processes, misinformation and its correction, technology and democracy, acceptance and rejection of science

Stephan Lewandowsky is a British-Australian cognitive scientist. He aims to understand the human mind. Using computer-assisted modelling, he studies memory and decision-making processes. In his most recent work, he investigates why people believe misinformation and how such “fake news” is spread, particularly as it relates to health topics, vaccines, and climate research. He is working to develop solutions for restoring people's autonomy on the internet.

Academic and Professional Career

since 2022	Visiting Professor, Department of Psychology, University of Potsdam, Potsdam, Germany
2021	Knowledge Exchange Fellow, Joint Research Centre (JRC), European Commission
since 2013	Professor of Cognitive Psychology, University of Bristol, Bristol, UK
since 2000	Professor of Psychology (Honorary Professor since 2013), University of Western Australia (UWA), Perth, Australia
2004 - 2005	Deputy Head, School of Psychology, UWA, Perth, Australia
1995 - 2000	Associate Professor of Psychology, UWA, Perth, Australia
1998	Visiting Professor of Psychology, University of Potsdam, Potsdam, Germany
1994 - 1995	Associate Professor of Psychology, University of Oklahoma, Norman, USA
1990 - 1994	Assistant Professor of Psychology, University of Oklahoma, Norman, USA
1988 - 1989	Associate Scientist, University of Toronto, Toronto, Canada

1987 - 1988	Research Fellowship, UWA, Perth, Australia
1985	Doctorate, University of Toronto, Toronto, Canada
1981	M.A., University of Toronto, Toronto, Canada
1980	B.A., Washington College, Chestertown, USA

Functions in Scientific Societies and Committees

2024	Chairperson, Psychonomic Society
since 2022	Member, Advisory Council, European Research, Springer Nature, Heidelberg, Germany
since 2022	Member, Advisory Board, Digipatch.eu, Horizon 2020, European Union
since 2021	Member, Advisory Board, Advanced Grant "Consequences of conspiracy theories", European Research Council (ERC)
since 2021	Member, Expert Panel, "Socio-Economic Impacts of Science and Health Misinformation", Council of Canadian Academies (CCA), Canada
since 2021	Member, Advisory Board, "Policy, Expertise and Trust in Action" (PERITIA), European Union
since 2021	Member, Global Platform Governance Network, Centre for International Governance Innovation (CIGI), Waterloo, Canada
since 2020	Member, Climate Social Science Network (CSSN), Providence, USA
2020 - 2021	Member, Scientific Committee "Fake or Fact", All European Academies (ALLEA)
2020 - 2026	Member, Board of Directors, 2023 Chairperson, Psychonomic Society
	Member, Scientific Advisory Board, Climate and Health Alliance, Australia
	Member, Scientific Advisory Board, Klimafakten, Berlin, Germany

Project Coordination, Membership in Collaborative Research Projects

since 2021	Advanced Grant "Protecting the Democratic Information Space in Europe (PRODEMINFO)", ERC
2021 - 2025	Coordinator, Project "JitsuVAX – Jiu-Jitsu with misinformation in the age of Covid: Using refutation-based learning to enhance vaccine uptake and knowledge among healthcare professionals and the public", Horizon 2020, European Union
since 2020	Project "Reclaiming Individual Autonomy and Democratic Discourse Online: How to Rebalance Human and Algorithmic Decision Making", Volkswagen Foundation, Hanover, Germany

since 2020 Project “When liars can be honest”, The Honesty Project, John Templeton Foundation with Wake Forest University, Winston-Salem, USA

since 2020 Project “REPHRAIN National R*esearch* Centre on Privacy, Harm Reduction and Adversarial Influence online”, Research Council, UK

since 2020 Project “Social Media for Democracy”, Horizon 2020, European Union

Honours and Awarded Memberships

since 2022 Member, German National Academy of Sciences Leopoldina, Germany

since 2021 Member, Sigma Xi, USA

2019 Humboldt Foundation Research Award, Humboldt Foundation, Bonn, Germany

since 2017 Fellow, Association for Psychological Science (APS), USA

since 2017 Fellow, Academy of Social Sciences, London, UK

since 2015 Fellow, Committee for Skeptical Inquiry (CSI), Amherst, USA

2013 - 2018 Royal Society Wolfson Research Merit Award, Royal Society, UK

2012 Revesz Professorship, University of Amsterdam, Amsterdam, The Netherlands

2012 - 2014 Discovery Outstanding Researcher Award, Australian Research Council, Australia

2007 - 2011 Australian Professorial Fellowship, Australian Research Council, Australia

Research Priorities

Stephan Lewandowsky is a British-Australian cognitive scientist. He aims to understand the human mind. Using computer-assisted modelling, he studies memory and decision-making processes. In his most recent work, he investigates why people believe misinformation and how such “fake news” is spread, particularly as it relates to health topics, vaccines, and climate research. He is working to develop solutions for restoring people's autonomy on the internet.

Using computer simulations, Stephan Lewandowsky describes memory and decision-making processes. He investigates how people update their memories when things they once believed turn out to be untrue. He also studies the way myths and misinformation develop within society and how they persist. He is particularly interested in the variables which determine whether people accept scientific evidence, for example in the context of vaccinations or climate research.

Stephan Lewandowsky pursues these issues with a particular focus on the interconnection between online information technology and human cognition as well as the consequences for democracy. He analyses how platform algorithms can facilitate the spread of misinformation. To this end, for

example, he examines the entanglement between social media algorithms and human attentional biases and how they interact to facilitate the spread of misinformation.

Furthermore, he is working to develop cognitively and technologically based solutions for restoring people's autonomy on the internet. To this end, for example, he develops tools to assist healthcare professionals to confront vaccine-related misinformation as well as interventions which help people differentiate between true and false information.