Lisa Oswald
Curriculum Vitae

RESEARCH INTERESTS

- Political communication and public discourse in online environments

- Online opinion dynamics, political polarization, online hate speech

- Psychology of sustainable behavior, climate change skepticism

EDUCATION

PhD Political Science   2020-2023
Hertie School Berlin

> Title: Public Discourse in Online Environments. Supervised by Simon Munzert, Ralph Hertwig and Andrew Guess. Graduated with summa cum laude.

MSc. Social Data Science   2019-2020
University of Oxford

> Interdisciplinary and international graduate program, hosted by the Oxford Internet Institute, at the intersection of social and computational science, with a practical focus on data analysis and programming with Python, Internet research and political science

MSc. Psychology   2016-2019
University of Kassel

> First major in Social and Environmental Psychology, second major in Clinical Psychology. Master thesis: Social Drivers of Individual Air Travel

BSc. Psychology   2013-2016
University of Kassel

> Bachelor thesis in environmental psychology: Outdoor sport and Environmental behavior. Poster presentation of thesis at the AASP Conference in Toronto, 2018

PUBLICATIONS

Lorenz-Spreen, P., Oswald, L., Lewandowsky, S., & Hertwig, R. (2022). A systematic review of worldwide causal and correlational evidence on digital media and democracy. Nature Human Behaviour. https://doi.org/10.1038/s41562-022-01460-1

Oswald, L., & Bright, J. (2022). How Do Climate Change Skeptics Engage with Opposing Views Online? Evidence from a Major Climate Change Skeptic Forum on Reddit. Environmental Communication, DOI: 10.1080/17524032.2022.2071314

Klaus, G., Oswald, L., Ernst, A., & Merk, C. (2021). Effects of opinion statements on laypeople's acceptance of a climate engineering technology. Comparing the source credibility of researchers, politicians and a citizens' jury. *Journal of Science Communication*, 20(1), A03.

Oswald, L., & Ernst, A. (2020). Flying in the Face of Climate Change: Quantitative psychological approach examining the social drivers of individual air travel. *Journal of Sustainable Tourism*, 29(1), 68-86.

Klaus, G., Ernst, A., & Oswald, L. (2020). Psychological factors influencing laypersons' acceptance of climate engineering, climate change mitigation and business as usual scenarios. *Technology in Society*, 60, 101222.

WORKING PAPERS

Oswald, L. (2023). Effects of Preemptive Empathy Interventions on Reply Toxicity among Highly Active Social Media Users. SocArXiv.https://osf.io/preprints/socarxiv/evdxy/

Oswald, L., Munzert, S., Barberá, P., Guess, A., and Yang, J. (2022). Beyond the tip of the iceberg? Exploring Characteristics of the Online Public with Digital Trace Data. SocArXiv. https://osf.io/preprints/socarxiv/yfmzh/

Oswald, L. (2022). More than News! Mapping the Deliberative Potential of Political Online Ecosystems with Digital Trace Data. SocArXiv. https://osf.io/preprints/socarxiv/68udg/

Oswald, L. (2022). Automating the Analysis of Online Deliberation? A comparison of manual and computational measures applied to climate change discussions. SocArXiv. https://doi.org/10.31235/osf.io/qmzwx

WORK

Post Doctoral Researcher   September 2023 - Present
Max-Planck Institute for Human Development, Berlin
> EU Horion Project: Social Media for Democracy (SoMe4Dem), affiliated to the working group Cognition in Online Environments of the Center of Adaptive Rationality (ARC)

Teaching Assistant   Fall 2021, Fall 2022
Introduction to Data Science, Hertie School
> Teaching two groups of MSc students (Data Science for Public Policy), I revisit the topics presented in the lecture on data collection, data storage and programming and demonstrate practical applications in R.

Teaching Assistant   Spring 2021, Spring 2022
Statistical Modeling & Causal Inference, Hertie School
> Teaching two groups of MSc students (Public Policy), I revisited the topics presented in the lecture on statistical modeling and causal inference and demonstrate practical applications of the methods in R.

Research Consultant   2020-2021
Data Science Lab, Hertie School
> I provided help with questions of research design, quantitative measurement, statistical inference and computational tools.

Research Assistant   2017-2019

Center for Environmental Systems Research (CESR)

Within the DFG funded TOMACE project (Trade Offs between Mitigation and Climate Engineering) we analyzed the public attitude towards solar radiation management. I focused on psychological test construction, data analysis and visualization using R. The project was embedded in the SESAM group (Socio-environmental Systems Analysis and Modeling).

Teaching Assistant   2014-2016

University of Kassel, Department of Psychology, Quantitative Methods

Teaching various groups of undergraduate students, I deepened the topics presented in the Quantitative Methods I and II lectures and demonstrated the practical implementation of methods in R across three subsequent semesters.

Research Assistant   2014-2015

University of Kassel, Department of Psychology, Psychology of Memory

Within a project on false memories, I conducted experiments in the laboratory.

CONFERENCE PRESENTATIONS

DigDem, Zurich   2022

Digital Democracy Workshop

Topic: Exploring the online public (sphere) with digital trace data.

EPSA, Prague   2022

European Political Science Association

Topic: Who Engages Where on the Online Public Square? Evidence from Digital Trace Data.

ICP+   2021

International Congress of Applied Psychology

Topic: How do climate change skeptics engage with opposing views? Mechanisms of social identity and cognitive dissonance in an online forum.

MPA   2021

Annual Meeting of the Midwestern Psychological Association

Topic: How do climate change skeptics engage with opposing views? Invited talk within the 'internet explorer' symposium.

VOLUNTARY ENGAGEMENT

Elected PhD Representative   2022

Hertie School, Berlin

I communicate PhD students' interests to academic faculty and leadership, serve in the academic senate and the on the IT committee.

Seminar Organization   2019-2020

Network Analysis for Sustainable Development

In collaboration with the German Academic National Foundation (Studienstiftung des Deutschen Volkes), we hold a 4-day Seminar with 85 participants, international speakers, multiple workshops, talks and hands-on projects on the potentials of network analysis in

the context of sustainable development (e.g. mobility networks, ecological networks, climate networks and the Sustainable Development Goals of the UN) in Berlin.

Elected Student Representative   2018-2019

Graduate Center for Environmental Studies and Teaching (GradZ), University of Kassel

> I represented students' interests in the interdisciplinary center for environmental research at the University of Kassel.

Seminar Organization   2018-2019

Artificial Intelligence and Society

> Funded by the German Academic National Foundation (Studienstiftung des Deutschen Volkes), we organized an interdisciplinary discussion seminar on artificial intelligence with a focus on societal, technical, scientific and ethical perspectives, in collaboration with the Ludwig-Maximilian-University, Munich.

Seminar Organization   2017-2018

Sustainability Scenario Modelling

> We organized this seminar for scholarship holders of the German Academic National Foundation (Studienstiftung des Deutschen Volkes) with a sustainability focus. We developed climate models and social scenarios, hosted 9 International speakers, in collaboration with IIASA Vienna and the University of Vienna.

Elected Student Representative   2017-2018

Directorate, Department of Psychology, University of Kassel

> I communicated psychology students' interests to academic faculty and discussed strategic developments of the department.

AWARDS AND SCHOLARSHIPS

Doctoral Scholarship   2021-2023

German Academic National Foundation (Studienstiftung des Deutschen Volkes)

> Supporting doctoral students from different disciplinary and personal backgrounds that are "united in their particular scientific ability, in their curiosity that extends beyond their own discipline and life world, and in their pronounced sense of social responsibility."

Highly commended thesis   2020

Oxford Internet Institute, University of Oxford

> Honoring MSc thesis (Should we talk to climate skeptics?), annual award.

Carl-Friedrich Graumann Award   2018

German Psychological Society (DGPs), Section Environmental Psychology

> Honoring BSc thesis (Outdoor Sport and Environmental behavior) as best newcomer scientist work in the field of environmental psychology, biannual award.

Scholarship   2016-2020

German Academic National Foundation (Studienstiftung des Deutschen Volkes)

> Supporting "the university education of young people who, on account of their exceptional academic or artistic talents and their personalities, can be expected to make an outstanding contribution to society as a whole."

CONTACT

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