

curriculum vitae of
Noemi Dreksler

AI GOVERNANCE · PUBLIC & EXPERT PERCEPTIONS OF AI ·
EXPERIMENTAL PSYCHOLOGY · SURVEY RESEARCH · BUSINESS PSYCHOLOGY

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EDUCATION

- 2015-2020 **DPhil in Experimental Psychology** UNIVERSITY OF OXFORD
Completed my DPhil in the Crossmodal Research Laboratory, a research group that explores the way our senses interact. Everything from art to marketing is uniquely affected by this multisensory interplay of our perceptual apparatus. My thesis focused on the relationship between colours and shapes through the lenses of emotions, individual differences, and aesthetics. I was supervised by Professor Charles Spence and Professor Robin Murphy and kindly funded by the Medical Research Council and St John's College.
- 2013-2014 **M.Sc. in Industrial/Organisational and Business Psychology** (class rank: 1st) UCL
Subjects: Consulting Psychology (77%), Organisational Psychology (80%), Talent Management (75%), Applied Decision Making (72%), Influence and Negotiation (75%), Statistics (90%), Principles of Cognition (70%).
Dissertation: "The dark triad and emotional intelligence: A literature review and meta-analysis." (79%)
- 2010-2013 **BA in Psychology and Philosophy** (class rank: 2nd, proxime accessit) UNIVERSITY OF OXFORD
Final year courses: Advanced Topics in Human Information Processing (69%); Developmental Questions in Science and Religion (72%); History of Philosophy (70%), Philosophy of Mind (72%), Philosophy of Cognitive Science (74%).
Dissertation: "Is pain a separate sensory modality? A cognitive neuroscience perspective." (78%) University of Oxford Gibb's prize winner

EMPLOYMENT

- Sep 2021 – Present **Survey Research Contractor** CLIENT: CENTRE FOR THE GOVERNANCE OF AI
A continuation of my work at the Centre for the Governance of AI (previously part of the Future of Humanity Institute). I lead on running surveys for the Centre for the Governance of AI looking at public and expert opinion on AI and AI governance themes. My work includes a cross-cultural public opinion survey, a new iteration of a GoVAI AI researcher survey, a survey of US local policymakers, and a survey of economists on the future of AI and long-run economic growth.
- Sep 2020 – Aug 2021 **Survey Research Contractor** CLIENT: FUTURE OF HUMANITY INSTITUTE, UNIVERSITY OF OXFORD
Hired initially for three months and promptly extended until August 2021 to design, run, analyse, and write-up surveys for the Centre for the Governance of AI, Future of Humanity Institute at the University of Oxford. The surveys focus on public opinion and expert perceptions of AI and AI governance. My work involves the juggling of multiple projects, helping to organise projects across our multi-country research team, writing up ethics applications and pre-analysis plans, programming and deploying surveys, analysing surveys in R, designing data visualisations and presentations, and writing up work for publication and dissemination. During my time at FHI, I have enjoyed collaborating with researchers such as Baobao Zhang, Anton Korinek, Joslyn Barnhart-Trager, Markus Anderljung, and Allan Dafoe.
- Aug 2018 – Jan 2020 **Freelance Leadership Researcher and Consultant** CLIENT: IMD BUSINESS SCHOOL
Conducted the extensive literature research for a book on leadership (*Leadership OS: The Operating System You Need to Succeed*). Created modern and engaging marketing materials such as articles, visual and written social media content, and presentation slides to market the book content. Collaborated with the authors to create material for OWP 2019 and 2020 event streams at IMD that were rated as excellent by participants and given glowing reviews.

- Apr 2014 - Sep 2015 **Assistant Business Psychologist** YSC
 Conducted the research for a director's book, *Changing Employee Behavior*, requiring the synthesis of large volumes of information and a self-driven and conscientious work style. Further tasks included conducting aggregate data analysis; completing research and summarising findings; shadowing assessments; producing proposals, presentations and articles; and helping develop leadership frameworks and new psychometrics.
- Jun 2012 – Aug 2012 **Full-time Policy Team Intern** RETHINK MENTAL ILLNESS
 Completed a policy research project assessing the effect of austerity on mental health. Other tasks included arranging meetings and communicating with leading academics in the mental health field and fulfilling further research tasks for the policy and activism team.

AWARDS, SCHOLARSHIPS, GRANTS

- December 2021 **Long-Term Future Fund Grant**
 2-year funding to conduct survey research on public and expert opinion on AI governance, ethics, and progress with an approximate total value of \$230,000.
- Oct 2015 **Medical Research Council and St John's College Scholarship**
 3-year full funding scholarship to complete my PhD at the University of Oxford with an approximate total value of £50,000.
- Oct 2014 **UCL Best Mark Prize**
 Awarded for best mark in the degree MSc in Industrial/Organisational and Business Psychology.
- Summer 2014 **Nominee – Indigogold MSc Innovation Award**
 Dissertation nominated for the Indigogold MSc Work Psychology Innovation Award.
- Jul 2013 **University of Oxford Gibbs Prizes**
 Awarded for best Psychology dissertation and proxime accessit (runner-up) for overall performance in the PPP degree course at the University of Oxford.
- Jul 2013 **Hertford College Book Awards**
 Awarded for best Psychology dissertation and proxime accessit (runner-up) for overall performance in the PPP degree course at the University of Oxford.
- Jul 2012 **Stone Family Foundation Scholarship**
 Financial scholarship to complete a two-week internship in the policy team at Rethink Mental Illness.
- May 2011 **Hertford College Scholarship**
 Two-year scholarship for distinction achieved at first public examinations at the University of Oxford.
- Jul 2009 **Dean's list at McGill University**
 Place on the dean's list for academic achievement in examinations.
- Sep 2009 **James McGill Scholarship at McGill University**
 Renewable scholarship for academic achievement and leadership potential.

PUBLICATIONS

Authors who equally contributed to a publication are marked with a †.

CONFERENCE AND JOURNAL PUBLICATIONS

- Zhang, B., Anderljung, M., Kahn, L., **Dreksler, N.**, Horowitz, M. C.[†], & Dafoe, A.[†] (2021). Ethics and Governance of Artificial Intelligence: Evidence from a Survey of Machine Learning Researchers. *Journal of Artificial Intelligence Research*, 71, p. 591–666. [📄](#)
- Zwetsloot, R., Zhang, B., **Dreksler, N.**, Kahn, L., Anderljung, M., Dafoe, A.[†] & Horowitz, M. C.[†] (2021). Skilled and Mobile: Survey Evidence of AI Researchers' Immigration Preferences. *AIES '21: Proceedings of the 2021 AAAI/ACM Conference on AI, Ethics, and Society July 2021* p.1050–1059. [📄](#)

3. **Dreksler, N.** & Spence, C. (2019). A critical analysis of colour–shape correspondences: Examining the replicability of colour–shape associations. *i-Perception*, *10*(2), 2041669519834042. [🔗](#)

DISSERTATIONS

4. **Dreksler, N.** (2020). *Beyond Kandinsky: Exploring colour-shape correspondences through the lenses of emotions, individual differences, and aesthetics*. (Doctoral dissertation, University of Oxford) [🔗](#)

PREPRINTS

5. Zhang, B., **Dreksler, N.**, Anderljung, M., Kahn, L., Dafoe, A.[†], & Horowitz, M. C.[†] (2022). Forecasting AI Progress: Evidence from a Survey of Machine Learning Researchers. *Submitted for review*. [🔗](#)

TALKS & PRESENTATIONS

POSTER PRESENTATIONS

1. **Dreksler, N.** & Spence, C. (2018). Beyond Kandinsky - Colour-shape correspondences: Examining the role of perceptual features and emotional mediation. Poster presentation at International Multisensory Research Forum 2018, Toronto, Canada.
2. **Dreksler, N.**, Spence, C., & Murphy, R. (2018). Crossmodal correspondences and associative learning: a missed connection? Poster presentation at Gregynog Associative Learning Symposium (XXII), Tregynon, United Kingdom.
3. **Dreksler, N.** & Spence, C. (2017). Colour shape correspondences: exploring the role of emotions, perceptual features, and individual differences. Poster presentation at the Rethinking The Senses Spring School, Dubrovnik, Croatia.

TALKS

1. Colour-shape correspondences: Exploring the consistency of perceptual drivers and emotional mediation effects across shape stimuli, invited talk at the Oxford Vision Group (OxVis) Meeting, Michaelmas 2018

SKILLS

R, SPSS

DATA ANALYSIS AND VISUALISATION

Publication-ready analysis and graphs

Qualtrics, Prolific.co

SURVEY DEPLOYMENT

Design and deployment of surveys, including Javascript and other Qualtrics power-user functionality

Microsoft Office Suite, Google Suite, Overleaf, Github

DIGITAL TOOLS

Publishing, presentation, analysis, and collaboration tools

Adobe Photoshop, Illustrator, XD

DESIGN & PHOTOGRAPHY

Photo editing, design of media and graphs, and amateur UI design

English (native), German (native)

LANGUAGES

Bilingual German that attended an international school and lived in the United Kingdom for almost a decade

SERVICE TO THE SCIENTIFIC COMMUNITY

International Bisexuality Research Conference 2021

Organised the likely largest Bisexuality research conference that has taken place to date with over 450 registered attendees. I was the organisational and technical lead and reviewed abstract submissions. The free all-day three stream digital conference was a resounding success, generated social media discussions, and was accompanied by a live-streamed public engagement talk with six leading bisexuality researchers and activists.

One-off reviewing

Article reviewed for:*Journal of Experimental Psychology: General*

EXTRACURRICULAR ACTIVITIES

2005-Present

Photography

Artistic, nature, wedding, and portrait photography

Wild swimming | Yoga | Meditation

REFERENCES

Baobao Zhang

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Assistant professor of Political Science, Maxwell School of Citizenship and Public Affairs, Syracuse University

Markus Anderljung

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Professor of Leadership, Organization and Corporate Learning, IMD Business School
Director of CLEAR and OLA Programs, IMD Business School**Robin Murphy**

ROBIN.MURPHY@PSY.OX.AC.UK

Associate Professor of Experimental Psychology, University of Oxford
Fellow and Tutor for Admissions at Corpus Christi College, University of Oxford