

# ALICE MURPHY

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[website](#)

[google scholar](#)

## RESEARCH

AOS: Philosophy of science, aesthetics

AOC: Feminist philosophy, philosophy of mind

## PUBLICATIONS

### Journal articles

'Form and Content: A Defence of Aesthetic Values in Science' <i>Philosophy of Science</i> Vol 90 (3): 669-685.	2023
'The Value of Surprise in Science' (with Steven French). <i>Erkenntnis</i> 88: 1447-1466.	2023
'Imagination in Science' <i>Philosophy Compass</i> Vol 17 (6): 1-12.	2022
'Toward a Pluralist Account of the Imagination in Science'. <i>Philosophy of Science</i> Vol 87 (5): 957-967.	2020

### Book chapters

'Imagination and Creativity in the Scientific Realm'. A. Kind and J. Langku (eds.) <i>Oxford Handbook of Philosophy of Imagination and Creativity</i> . Oxford University Press.	<i>forthcoming</i>
'Profound Experiments'. M. Ivanova and A. Murphy (eds.) <i>The Aesthetics of Scientific Experiments</i> . Routledge.	2023
'The Aesthetic and Literary Qualities of Scientific Thought Experiments'. M. Ivanova and S. French (eds.) <i>Aesthetics of Science: Beauty, Imagination and Understanding</i> . Routledge.	2020

### Book

<i>The Aesthetics of Scientific Experiments</i> co-edited with M. Ivanova. Routledge.	2023
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### Book reviews

'Judgments of Beauty in Theory Evaluation' by Devon Brickhouse-Bryson. <i>Metascience</i> 31: 37-40.	2022
'Outside Color: Perceptual Science and the Puzzle of Color in Philosophy' by Mazviita Chirimuuta. <i>Journal of Aesthetics and Art Criticism</i> . Vol 74 (4): 428-430.	2016

### In preparation

'Aesthetics and Agency in Experiments' (co-authored with Adrian Currie and Kirsten Walsh)	
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'Imagination, Methodology, and Ontology in Mathematics' (co-authored with William D'Alessandro)

## ACADEMIC HISTORY

<b>Postdoctoral Fellow</b> Munich Center for Mathematical Philosophy, LMU Munich Funded by a Bavarian Gender Equality Grant (BGF)	Oct 2023 - Oct 2024
<b>Postdoctoral Fellow</b> (with teaching) Munich Center for Mathematical Philosophy, LMU Munich	Jan 2021 - Oct 2023
<b>Teaching Assistant</b> University of Leeds	Oct 2020 - Jan 2021
<b>PhD Philosophy</b> (passed without corrections) University of Leeds Thesis: ' <u>Thought Experiments and the Scientific Imagination</u> ' Supervisors: Prof. Steven French and Prof. Aaron Meskin Examiners: Prof. Roman Frigg and Dr. Juha Saatsi	Oct 2016 - Oct 2020
<b>Visiting Researcher</b> McGill University Supervisor: Prof. David Davies	Mar - Apr 2018
<b>MA Philosophy</b> (distinction) University of Warwick Thesis: Learning from Literature Supervisor: Dr. Eileen John	Sep 2014 - Sep 2015
<b>BA Philosophy</b> (1st class) University of Bristol	Sep 2011 - Jul 2014

## TEACHING

<b>Theory of knowledge</b>	Module leader, MCMP
<b>Feminist epistemology</b>	MA module leader, MCMP
<b>Philosophy of creativity</b>	MA module leader, MCMP
<b>Feminist philosophy of science</b>	Module leader, MCMP
<b>Science and art: representation, fiction and imagination</b>	MA module leader, MCMP
<b>Feminist philosophy</b>	Leading tutorials and guest lecturer, University of Leeds
<b>Philosophy of social science</b>	Leading tutorials and guest lecturer, University of Leeds
<b>Philosophy of art</b>	Leading tutorials, guest lecturer, and co-supervising final year projects, University of Leeds
<b>Philosophy of mind</b>	Leading tutorials, University of Leeds
<b>Introduction to philosophy</b>	Leading tutorials, University of Leeds
<b>Philosophy of science</b>	Leading tutorials, University of Leeds

<b>Ethics and political philosophy</b>	Leading tutorials, University of Leeds
<b>Medical Ethics</b>	Leading tutorials, University of Leeds
<b>Supervision</b>	BA (2) and MA (4) dissertations in aesthetics and philosophy of art, philosophy of science, and feminist epistemology, MCMP

## SELECTED TALKS

<b>'Invasive Species and the Aesthetics of Nature'</b> <i>Values in Climate and Environmental Sciences</i> , LMU Munich	2024
<b>'Imagination and Creativity in the Scientific Realm'</b> <i>Imagination and Creativity</i> , University of Geneva	2023
<b>'Imagination, Methodology and Ontology in Mathematics'</b> (with William D'Alessandro), <i>The Heuristic View: Logic, Mathematics and Science</i> , University of Rome	2023
<b>'Aesthetics of Science'</b> , Invited Symposium at the <i>Eastern APA</i> , Montreal	2023
<b>'Profound Experiments'</b> , <i>Aesthetics of Experiments</i> , University of Cambridge	2022
<b>'The Aesthetic Value of Scientific Experiments'</b> , Panel at British Society of Aesthetics and American Society for Aesthetics <i>Virtual Summer Aesthetics Festival</i>	2022
<b>'Thought Experiments as Genre'</b> , <i>Imagination and its Constraints</i> , University of Parma	2022
<b>'Aesthetics and Agency in Scientific Experiments'</b> , LMU Munich	2021
<b>'Profundity in Science and Art'</b> , Symposium: Aesthetics of Scientific Experiments, <i>European Philosophy of Science Association and British Society for Philosophy of Science Annual Conference</i>	2021
<b>'Images and Scientific Understanding'</b> , <i>Northern Imagination Forum</i>	2021
<b>'How Can Aesthetic Values contribute to Scientific Understanding?'</b> <i>Queens University Belfast Seminar Series and MindWork</i> , University of Texas at Austin	2021
<b>'The Value of Surprise in Science'</b> , <i>Philosophy of Science Seminar</i> , University of Bristol	2020
<b>'Thought Experiments and the Aesthetics of Science'</b> , <i>British Society for Philosophy of Science Annual Conference</i> , Durham University and <i>Aesthetics Seminar Series</i> , Auburn University	2019
<b>'Imagination in Science: Thought Experiments as Mental Models'</b> <i>Philosophy of Science Association Biannual Meeting</i> , Seattle	2018
<b>'Creativity in Scientific Thought Experiments'</b> , <i>Creativity in Art, Science and Mind</i> , University of Cambridge	2018
<b>'Thought Experiments, Computer Simulations and Novel Data'</b> <i>Summer School on Thought Experiments</i> , University of Vienna	2018

<b>'What's the Nature of Imagination in Scientific Reasoning?'</b> <i>Philosophy Workshop Series, McGill University</i>	2018
<b>'Thought Experiments, the Imagination and Surprise'</b> <i>Bridging the gap: Scientific Imagination Meets Aesthetic Imagination, LSE</i>	2017

## PUBLIC EVENTS AND POPULAR WRITING

<u>'In What Way are Experiments Like Artworks?'</u> (with Milena Ivanova) <i>Commonplace</i>	2023
<u>'Imagination in Science'</u> <i>Long Night of the Universities, TUM</i>	2023
<u>'Aesthetics and Science'</u> interview with the <i>Philosophy Exchange Podcast</i>	2022
<u>"Seeing" in Understanding'</u> (with Federica Malfatti) <i>The Junkyard</i>	2021
<u>'Beauty and the Scientific Imagination'</u> <i>The Junkyard</i>	2019
<u>'The Imagination in Science'</u> public event and podcast. <i>The Forum for European Philosophy</i> , London School of Economics	2018
<u>'Irene Manton's Art and Science or, Other Ways of Looking at Nature'</u> Lecture 16: <i>The History and Philosophy of Science in 20 Objects</i> public lecture series at the University of Leeds	2017

## GRANTS AND AWARDS

### Scholarships and prizes

Bavarian Gender Equality Grant for a project on Aesthetic Testimony	2023
Nomination for a Leeds Partnership Award (for teaching)	2020
The Royal Institute of Philosophy Jacobsen Studentship (1 year)	2019
WRoCAH AHRC PhD Scholarship (3 years)	2016
The Prize for Outstanding Performance in the MA in Philosophy	2015

### Selected research and conference funding

WRoCAH Large Award (£2400) for research visit to University of Georgia and Auburn University	2019
Grants for "Learning from Imagination" from Mind (£970) and British Society of Aesthetics (£2500)	2019
WRoCAH Large Award (£1350) for research visit to McGill	2018

## SERVICE AND OUTREACH

### Conference organisation

<u>'Values in Climate and Environmental Sciences'</u> , LMU Munich	2024
<u>'MCMP-Hannover-Wuppertal Philosophy of Science Workshop'</u>	2023
<u>'MCMP meets James R. Brown'</u>	2021
<u>'Learning from Imagination'</u> (with Andrea Blomkvist)	2019
<u>'The Imagination in Science'</u> (with Steven French)	2017

'Philosophical Perspectives on Disability' (with MAP@Leeds)	2017
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### Training and service

Reviewer for: <i>The British Journal for the Philosophy of Science</i> , <i>Philosophy of Science</i> , <i>Analysis</i> , <i>Theoria</i> , <i>Qualitative Psychology</i> , <i>Studies in History and Philosophy of Science</i> , <i>International Studies in Philosophy of Science</i> , <i>Ergo</i> , <i>Synthese</i> , <i>Estetika: The European Journal of Aesthetics</i> , and <i>Interdisciplinary Science Reviews</i>	
MCMP Summer School for Female Students Committee	2021 - 2022
Leeds Philosophy Seminar Committee	2017 - 2019
SAPERE Level 1 Training: Philosophy for Children	2017
Leeds Minorities and Philosophy (MAP) Committee	2016 - 2019

### Outreach

John Stuart Mill Cup judge, debate for Secondary School Students	2021
Contributor, <a href="#">Leeds Explores the World</a> . Leeds Museums and Galleries school curriculum project	2019
Leader, sessions on Berkeley's philosophy for A-Level students	2017
Leader, sessions on Philosophy and Literature for GCSE students	2015