

**Alice Murphy**  
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## RESEARCH INTERESTS

Philosophy of Science, Aesthetics, Epistemology, Feminist Philosophy

## PUBLICATIONS

### Journal Articles

<u>'Form and Content: A Defence of Aesthetic Values in Science'</u> . <i>Philosophy of Science</i> .	forthcoming
<u>'Imagination in Science'</u> . <i>Philosophy Compass</i> . Vol 17 (6).	2022
<u>'The Value of Surprise in Science'</u> (with Steven French). <i>Erkenntnis</i> .	2021
<u>'Toward a Pluralist Account of the Imagination in Science'</u> . <i>Philosophy of Science</i> . Vol 87 (5).	2020

### Book Chapters

<u>'Profound Experiments'</u> in M. Ivanova and A. Murphy (eds.) <i>The Aesthetics of Scientific Experiments</i> . Routledge.	forthcoming June 2023
<u>'The Aesthetic and Literary Qualities of Scientific Thought Experiments'</u> . M. Ivanova and S. French (eds.) <i>Aesthetics of Science: Beauty, Imagination and Understanding</i> . Routledge.	2020

### Book

<u>The Aesthetics of Scientific Experiments</u> , co-edited with Milena Ivanova. Routledge.	forthcoming June 2023
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### Book Reviews

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

### In preparation

<u>'Agency in an Aesthetics of Science'</u> (co-authored with Adrian Currie and Kirsten Walsh), under review	
<u>'Imagination and Creativity in the Scientific Realm'</u> invited paper for <i>the Oxford Handbook of Philosophy of Imagination and Creativity</i> , edited by Amy Kind and Julia Langku	
<u>'Imagination, Methodology, and Ontology in Mathematics'</u> (co-authored with William D'Alessandro)	

## ACADEMIC HISTORY

<b>Postdoctoral Researcher</b> Munich Center for Mathematical Philosophy, LMU Munich	2021 - present
<b>PhD Philosophy (passed without corrections)</b> 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	2016 - 2020
<b>Visiting Researcher</b> McGill University Supervisor: Prof. David Davies	2018
<b>MA Philosophy (distinction)</b> University of Warwick	2014 - 2015
<b>BA Philosophy (1st class)</b> University of Bristol	2011 - 2014

## TEACHING

<b>Theory of knowledge</b>	Module leader, MCMP
<b>Feminist epistemology</b>	MA module leader, MCMP
<b>Scientific 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 and guest lecturer, University of Leeds
<b>Medical ethics</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>Philosophy of mind</b>	Leading tutorials, University of Leeds
<b>Supervision</b>	BA and MA theses in aesthetics, philosophy of science, and feminist epistemology, MCMP

## SELECTED TALKS

‘ <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>Thought Experiments as a 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</i> , McGill University	2018
‘ <b>Thought Experiments, the Imagination and Surprise</b> ’ <i>Bridging the gap: Scientific Imagination Meets Aesthetic Imagination</i> , LSE	2017

## PUBLIC EVENTS AND POPULAR WRITING

‘ <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/Prizes

Nomination for a Leeds Partnership Award (for teaching)	2020
The Royal Institute of Philosophy Jacobsen Studentship	2019
WRoCAH AHRC PhD Scholarship (3 years)	2016
The Prize for Outstanding Performance in the MA in Philosophy	2015

### Selected Research/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 BSA (£2500)	2019
WRoCAH Large Award (£1350) for research visit to McGill	2018

## SERVICE AND OUTREACH

### Conference organisation

'MCMP meets James R. Brown'	2021
<u>'Learning from Imagination'</u> (with Andrea Blomkvist)	2019
<u>'The Imagination in Science'</u> (with Steven French)	2017
<u>'Philosophical Perspectives on Disability'</u> (with MAP@Leeds)	2017

### Training and service

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

### Outreach

John Stuart Mill Cup judge, debate for Secondary School Students	2021
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Contributor, <u>Leeds Explores the World</u> . 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