

Angela Breitenbach

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King's College, University of Cambridge CB2 1ST, UK
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Employment

- 2012- University Lecturer, Faculty of Philosophy, University of Cambridge
Fellow, King's College, Cambridge
- 2009-12 Lecturer, School of Philosophy, University of East Anglia
- 2006-09 Junior Research Fellow, Sidney Sussex College, Cambridge

Education

- 2008 Dr. Phil. in Philosophy, Humboldt-Universität zu Berlin
Humboldt-Prize for outstanding doctoral dissertation, Humboldt-Universität
Doctoral Scholarship, Studienstiftung des deutschen Volkes
- 2003 M.Phil. in History and Philosophy of Science, King's College, Cambridge
Jennifer Redhead Prize for best MPhil essays, Dept. of Hist. and Phil. of Science
M.Phil. Scholarship, Gates Cambridge Trust, AHRC, and Kurt Hahn Trust
- 2002 B.A. (Honours) in Philosophy, Newnham College, Cambridge
Anne Jemima Clough Prize for excellent undergraduate results, Newnham College
Alma Blakeman-Jones Scholarship, Newnham College

Fellowships and grants

- 2016-18 PI, DAAD Network (three years), 'Conceptions of unity in German philosophy'
With Lucy Allais (UCSD/Witwatersrand), Michael Forster (Bonn), Markus Gabriel
(Bonn), Clinton Tolley (UCSD), Eric Watkins (UCSD), David Weberman (CEU)
Supported by the DAAD Cambridge Research Hub
- 2015-18 CRASSH Pro Futura Fellowship (three years)
'The ideal of unity: Regulative principles in science and the norms of enquiry'
As part of the fellowship, I spend 2016-17 at the Swedish Collegium of Advanced Study,
and 2016-2016 and 2017-2018 at the Centre for Research in the Arts, Social Sciences
and Humanities, University of Cambridge
- 2013-15 Leverhulme Research Fellowship (24 months)
'Beauty in Science: A Kantian approach to aesthetics in the study of nature'
- 2012-15 Leverhulme International Network (three years), 'Kant and the Laws of Nature'
With Michela Massimi (Edinburgh, PI), Michael Friedman (Stanford), Anja Jauernig
(NYU), Peter McLaughlin (Heidelberg), Eric Watkins (UCSD), Catherine Wilson (York)
- 2014 British Society of Aesthetics Connections Conference Grant, 'Aesthetics in Mathematics'
With Davide Rizza (UEA)
- 2013 Visiting Scholar, Department of Philosophy, New York University (Autumn Semester)

Publications

Monograph

Die Analogie von Vernunft und Natur: Eine Umweltphilosophie nach Kant, Berlin/New York: de Gruyter, 2009

Edited volumes

Kant and the Laws of Nature, ed. with Michela Massimi, Cambridge: Cambridge University Press (forthcoming March 2017)

Laws of Nature, ed. with Michela Massimi, special issue, *The Monist* 100 (3) (forthcoming July 2017)

Journal articles

- [10] 'The Beauty of Science without the Science of Beauty', forthcoming *Journal of the History of Philosophy*
- [9] 'Beauty in Proofs: Kant on Aesthetics in Mathematics', *European Journal of Philosophy*, 23 (2015), 955-977
- [8] 'Aesthetics in Science: A Kantian Proposal', *Proceedings of the Aristotelian Society*, 113 (2013), 83-100
- [7] 'Teleology in Biology: A Kantian Approach', *Kant Yearbook*, 1 (2009), 31-56
- [6] 'Umweltethik nach Kant: Ein analogisches Verständnis vom Wert der Natur', *Deutsche Zeitschrift für Philosophie*, 57 (2009), 377-395
- [5] 'Two Views on Nature: A Solution to Kant's Antinomy of Mechanism and Teleology', *British Journal for the History of Philosophy*, 16, 351-369, 2008
- [4] 'Nonsense and Mysticism in Wittgenstein's *Tractatus*', *Warwick Journal of Phil.*, 19 (2008), 55-77
- [3] 'Mechanical Explanation of Nature and its Limits in Kant's Critique of Judgment', *Studies in History and Philosophy of Biological and Biomedical Science*, 37 (2006), 694-711
- [2] 'Kant Goes Fishing: Kant and the Right to Property in Environmental Resources', *Studies in History and Philosophy of Biological and Biomedical Science*, 36 (2005), 488-512
- [1] 'Langton on Things in Themselves: A Critique of Kantian Humility', *Studies in History and Philosophy of Science*, 35 (2004), 137-148

Book chapters

- [9] 'Laws and Ideal Unity', in W. Ott and L. Patton (eds.), *Laws of Nature*, Oxford: Oxford University Press, forthcoming
- [8] 'Laws in Biology and the Problem of Unity', in M. Massimi and A. Breitenbach (eds.), *Kant and the Laws of Nature*, Cambridge: Cambridge University Press, forthcoming
- [7] 'Understanding Kantian Understanding', in V. L. Waibel and M. Ruffing (eds.), Proceedings of the 12th International Kant Congress, Berlin/Boston: de Gruyter, forthcoming

- [6] 'Biological Purposiveness and Analogical Reflection', in I. Goy and E. Watkins (eds.), *Kant's Theory of Biology*, Berlin/New York: de Gruyter, 2014, 131-148
- [5] 'Kant on Biology and the Experience of Life', in C. La Rocca (ed.), *Kant und die Philosophie in weltbürgerlicher Absicht*, Berlin/New York: de Gruyter, 2014, Vol. V, 19-31
- [4] 'Kant on Causal Knowledge', in K. Allen and T. Stoneham (eds.), *Causation and Modern Philosophy*, London: Routledge, 2011, 201-219
- [3] 'Die Frage nach dem Lebendigen in Zeiten biowissenschaftlichen Fortschritts', in A. Trautsch and S. Springmann (eds.), *Was ist Leben? Festgabe für Volker Gerhardt*, Berlin: Duncker & Humblot, 2009, 29-34
- [2] 'Vernunft in der Natur: Umweltphilosophie bei Kant', in V. Rohden et al. (eds.), *Recht und Frieden in der Philosophie Kants*, Berlin/New York: de Gruyter, Vol. III, 2008, 485-496
- [1] 'Kreativität in der Natur: Eine Kantische Betrachtung der Teleologie in der Biologie', in G. Abel (ed.), *Kreativität*, Berlin: TU Berlin, 2005, Vol. II, 323-34

Encyclopedia entries

- [4] 'Concerning the Employment of Teleological Principles in Philosophy (1788)'; 'End'; 'Mechanism', in J. Wuerth (ed.), *Cambridge Kant Lexicon*, Cambridge: Cambridge University Press, forthcoming
- [3] 'Fakultät'; 'Organon'; 'Organon der reinen Vernunft'; 'Pflanze'; 'Skandal der Philosophie'; 'Zoologie', in G. Mohr et al. (eds.), *Kant-Lexikon*, Berlin: de Gruyter, 2015
- [2] 'Onora O'Neill', in R. Audi (ed.), *Cambridge Dictionary of Philosophy*, Cambridge: Cambridge University Press, 740-741, 2015
- [1] 'Onora O'Neill', in J. Nida-Rümelin and E. Özmen (eds.), *Philosophie der Gegenwart*, Stuttgart: Kröner, 479-483, 2007

Discussions, book reviews, and smaller pieces

- [6] 'Normativity and Purposiveness', Symposium on Hannah Ginsborg's *The Normativity of Nature*, *British Journal of Aesthetics*, forthcoming
- [5] 'Introduction', with Michela Massimi, in M. Massimi and A. Breitenbach (eds.), *Kant and the Laws of Nature*, Cambridge: Cambridge University Press (exp. 2016)
- [4] Interview with Hannah Ginsborg, *The Reasoner* 9 (2015), 55-57
<http://blogs.kent.ac.uk/thereasoner/files/2015/01/TheReasoner-97.pdf>
- [3] Critique of Jessica Mensch's *Kant's Organicism*, *Critique* 3 (2014), 3-6
<http://virtualcritique.wordpress.com/2014/03/31/angela-breitenbach-on-jennifer-mensch-kants-organicism/>
- [2] Book review of Michael Friedman's *Kant's Construction of Nature*, *TLS*, 29th Nov. 2013
- [1] Book review of L. Illetterati and F. Michelini (eds.) 2008, *Teleology: Purposiveness Between Nature and Mind*, *Studi Kantiani*, 23 (2010), 159-163

Research talks (*key-note address, †peer-reviewed, all others invited)

- 2016 ‘Non-Reductive Unity,’ Swedish Collegium for Advanced Study, Uppsala, Sept 2016
‘Beauty in Proofs,’ Higher Seminar in Practical Philosophy, Uppsala University, Sept 2016
‘The Antinomy of Judgment and the Unity of Nature,’ The Disunity of Reason: Conference on Kant’s Antinomies, Free University of Berlin, July 2016
‘Analogie und Erkenntnis bei Kant,’ Institut für Philosophie, Johannes Gutenberg-Universität Mainz, July 2016
*‘Regulative Teleology: Kant’s Legacy in Philosophy of Biology,’ Summer School: The Challenge of Natural Teleology, University of Groningen, July 2016
*‘Aesthetics and Science in Kant,’ Leuven Kant Conference, University of Leuven, June 2016
*‘Kant and the Rationalists on Beauty and Cognition,’ Annual Conference of the North American Kant Society, Yale University, April 2016
*‘Kant’s Method of Analogy,’ Second Carinthian Workshop on Themes from Early Modern philosophy to Kant, Klagenfurt University, April 2016
‘Understanding and Knowledge in Kant,’ Departmental Seminar, Duke University, March 2016
- 2015 ‘Philosophical Approaches to Beauty in Mathematics,’ The Science of Beauty, Interdisciplinary Conference, Royal Society of Edinburgh, Nov 2015
‘Understanding, Knowledge and the Touchstone of Truth,’ Post-Kantian European Philosophy Seminar, University of Oxford, Nov 2015
= Conference on Knowledge and Cognition in Kant, University of Wisconsin-Madison, Oct 2015
†‘Understanding Kantian Understanding,’ 12th International Kant Congress, University of Vienna, Sept 2015
*‘Beauty, Truth and Cognition,’ Summer School: The ‘Idealism’ in German Idealism, University of Bonn, July 2015. Available at:
<https://www.youtube.com/watch?v=xz6mrTMzxxI>
‘Kant on Laws in Biology,’ Conference on Kant and the Sciences, University of Dortmund, July 2015
‘The Lawfulness of the Contingent,’ Conference on Kant and the Laws of Nature, University of Edinburgh, June 2015. Available at:
<http://videos.philosophy.ed.ac.uk/2016/01/29/angela-breitenbach-the-lawfulness-of-the-contingent/>
‘Representing Ideas in Science and Art,’ Invited Symposium on Kant on Ideas, American Philosophical Association, Pacific Division, Vancouver, April 2015
‘The Science of Beauty without the Beauty of Science,’ Departmental Seminar, Department of History and Philosophy of Science, Cambridge, May 2015
= Departmental Seminar, Central European University, March 2015
= Departmental Seminar, University of Essex, Jan 2015
‘Response to Paul Guyer,’ Conference on Kant’s Aesthetics, Central European University, March 2015
‘Comments on Kenneth Westphal,’ Conference on Kant and the Philosophy of Mind, University of Oxford, January 2015
- 2014 ‘Aesthetics from Meier and Baumgarten to Kant,’ Conference on Kant and his German Contemporaries, University of Western Ontario, Nov 2014
= Departmental Seminar, University of Hull, Dec 2014
‘Cognition, Reflection, and Analogy,’ Departmental Seminar, University of Bochum, June 2014
= Departmental Seminar, University of York, Feb 2014
= Departmental Seminar, Durham University, Jan 2014
‘Kant’s Philosophy of as if,’ Workshop on Contemporary Kantian Philosophy, University of Luxembourg, June 2014,
= Conference on Self-Knowledge and Kantian Philosophy of Mind, Tufts University, April 2014

- ‘Reflections on Laws in Physics and Biology,’ Conference on Kant and the Laws of Physics, University of Cambridge, June 2014
- ‘Beauty in Science,’ London Aesthetics Forum, Institute of Philosophy, May 2014
= Aesthetics Seminar, University of Oxford, Jan 2014
- 2013 ‘Empirical Knowledge and Reflective Judgment,’ Conference on Kant and Empirical Knowledge, Israel Institute of Advanced Studies, Dec 2013
- ‘Response to Eric Watkins,’ Conference on Kant and the Laws of Nature, University of Edinburgh, June 2013
- ‘Aesthetic Judgments and Epistemic Criteria,’ Philosophy of Science and Epistemology Seminar, University of Vienna, June 2013
= Work in Progress Seminar, Massachusetts Institute of Technology, April 2013
- ‘Regulative Teleology and Naturalistic Biology,’ Committee on Conceptual and Historical Studies of Science, University of Chicago, April 2013
- 2012 ‘Aesthetics in Science: A Kantian Proposal,’ Aristotelian Society, London, Dec 2012
= Cambridge Philosophy of Science Seminar, Nov 2012
- 2011 †‘Formal Purposiveness in Mathematics,’ UK Kant Society Annual Conference, University of St Andrews, Sept 2011
- ‘Environmental Ethics,’ Heythrop Philosophy Society, London, June 2011
- ‘The Concept of a Natural End in Kant’s *Critique of Judgment*,’ Kant Workshop, University College London, June 2011
- 2010 ‘Biological Purposiveness and Analogical Reflection,’ Conference on Kant’s Theory of Biology, University of Tübingen, Dec 2010
- ‘Reflective Judgment and Kant’s Philosophy of As If,’ Workshop on Analogical Reasoning and Reflective Judgment, University of East Anglia, Nov 2010
- ‘Life and Purposiveness,’ Conference in Honour of Nick Jardine, University of Cambridge, June 2010
- †‘Kant on Biology and the Experience of Life,’ 11th International Kant Congress, University of Pisa, May 2010
- 2009 †‘Environmental Ethics by Analogy,’ American Philosophical Association, Eastern Division, New York, Dec 2009
= Departmental Seminar, University of East Anglia, Oct 2009
- ‘Teleology in Biology: A Kantian Approach,’ Conference on Teleology and Biology, University of Luxembourg, June 2009
- †‘Teleology and the Organism Concept,’ Joint Session of the Aristotelian Society and the Mind Association, University of East Anglia, June 2009
- 2008 ‘Kantian Environmental Ethics,’ Workshop on Kant’s Practical Philosophy, Newnham College, Cambridge, Sept 2008
- †‘Kant on Causal Knowledge,’ Meeting of the British Society of the History of Philosophy, York, April 2008
- ‘Natural Purposes, Kantian Analogies and Environmental Ethics,’ Departmental Seminar, Department of HPS, Cambridge, Jan 2008
- 2007 †‘Connections between Purpose and Value in Nature,’ International Society for History, Philosophy and Social Studies of Biology, Exeter, June 2007
- 2006 ‘Kant’s Holistic Conception of Nature and the Significance of Analogy,’ 2nd HPS Kant Conference, University of Cambridge, April 2006
- 2005 †‘Vernunft in der Natur: Umweltphilosophie bei Kant,’ 10th Internationaler Kant-Kongress, Sao Paulo, Sept 2005
- †‘Kreativität in der Natur,’ XX. Deutscher Kongress für Philosophie, Berlin, Sept 2005
- ‘Two Views on Nature: A Solution to Kant’s Antinomy of Mechanism and Teleology,’ 1st HPS Kant Conference, University of Cambridge, March 2005

Teaching

Lecture courses

- 2012- Cambridge:
Hume's *Dialogues Concerning Natural Religion*, 1st year undergraduates
Hume and Berkeley, 2nd year undergraduates
Aesthetic Experience, 3rd year undergraduates
Kant's *Critique of Pure Reason*, 3rd year undergraduates
Wittgenstein's *On Certainty*, 3rd year undergraduates
Topics in Aesthetics, 3rd year undergraduates and MPhil students (seminar)
- 2009-12 UEA:
Introduction to Metaphysics, 1st year undergraduates
Environmental Philosophy, 2nd and 3rd year undergraduates
Kant in Context, 2nd and 3rd year undergraduates
Philosophy of Biology, 2nd and 3rd year undergraduates
The Enlightenment and its Critics, 2nd and 3rd year undergraduates (co-taught)
- 2006-09 Cambridge:
Environmental Ethics and Science Policy, 3rd year undergraduates (co-taught)
Kantian Philosophy and the Sciences, 3rd year undergraduates (co-taught)

Undergraduate supervisions

- 2012- Cambridge:
Aesthetics, History of Early Modern and Modern Philosophy, Metaphysics and Epistemology, Philosophy of Science, Wittgenstein
- 2009-12 UEA:
Environmental Philosophy, Kant, Philosophy of Biology, Philosophy of Science
- 2006-09 Cambridge:
Ethics, History of Modern Philosophy, Metaphysics and Philosophy of Mind, Philosophy of Science, Wittgenstein

Graduate teaching

- 2012- Cambridge:
MPhil Seminar (co-taught, 2014-15)
MPhil Supervision: Aesthetics, History of Modern Philosophy
PhD Supervision:
Samuel Hughes, Aesthetics and the Emotions in Kant (from Oct 2015, main supervisor)
Rachel Robertson, Kant and Embodied Cognition (from Oct 2015, main supervisor)
Toby Bryant, Aesthetics in Science (since Oct 2012, shadow supervisor)
- 2009-12 UEA:
Interdisciplinary Graduate Research Seminar: Aesthetics and the Environment (co-taught, 2010-11)
MRes Supervision: Environmental Philosophy, Kant, Philosophy of Biology, Philosophy of Science
PhD Supervision:
Fiona Roxburgh, Revised Kantian Naturalism, passed with minor corrections (2008-11, secondary supervisor)
- 2006-09 Cambridge:
MPhil Supervision: History of Modern Philosophy, Philosophy of Science, Environmental Philosophy

Administration and service

- 2014- Syndic, Cambridge University Press, Academic Publishing Committee
- 2014-15 MPhil Course Director, Faculty of Philosophy, Cambridge
Philosophy Representative, Pre-Sub-Syndicate of the University Library, Cambridge
Philosophy Representative, Board of the HPS Department, Cambridge
- 2013- Mentor, Society for Women in Philosophy Mentoring Scheme
- 2012- Interviewer and assessor, Undergraduate Admissions, King's College, Cambridge
- 2009-12 Postgraduate Research Director, School of Philosophy, UEA
Examinations Officer, School of Philosophy, UEA
Employability Officer, School of Philosophy, UEA
Deputy Admissions Officer, School of Philosophy, UEA
- 2009-12 Course director and initiator of a new M.A./M.Sc. in Environmental Sciences and Humanities, in collaboration with the Schools of Environmental Science, History and English Literature, UEA
Interview in *THE*: <http://www.timeshighereducation.co.uk/419450.article>
- 2009-11 External Examiner, National University of Ireland, Galway
- 2007-09 Member, College Council, Sidney Sussex College, Cambridge
Member, Environmental Committee, Sidney Sussex College, Cambridge
- 2007-08 Director of Studies in Philosophy, Sidney Sussex College, Cambridge

Conferences and lecture series organised

- 2016 Conference on the unity of the subject in German philosophy, Newnham College, Cambridge, 6-7 June, as part of the DAAD network on German philosophy
- 2014-15 Co-convenor (with Ross Wilson, English Literature), 'Rethinking Life', Interdisciplinary research seminar, CRASSH
- 2014 Co-organiser, Conference on Aesthetics in Mathematics, UEA
British Society of Aesthetics Connections Conference Grant
- 2014 Organiser, Workshop on Kant and the Laws of Physics, King's College, Cambridge
Leverhulme International Network Grant
- 2012- Co-organiser, Kant Reading Group, Cambridge
- 2011 Organiser, Workshop on Analogical Reasoning and Reflective Judgment, UEA
British Society for History of Philosophy Workshop Grant
- 2011-12 Organiser, Philosophy Colloquium
- 2010-11 Co-organiser, Royal Institute of Philosophy, Public Lecture Series on Philosophy and the Environment, UEA
- 2005-09 Co-organiser, Annual Kant Workshops, Cambridge

Public engagement

- 2016 'Can Theories Be Beautiful?' TEDx Conference, University of the Arts London, March 2016. Available at: <https://www.youtube.com/watch?v=ZZE3m6wbccI>
- 2015 'The Elegant Truth,' How the Light Gets In, Philosophy and Music Festival, Hay on Wye. Available at: <https://iai.tv/video/the-elegant-truth>
- 2015 'Beauty Bites Back,' Panel discussion with Stephen Bayley (design critic and former director of the Design Museum) and Alastair Reynolds (science fiction author), How the Light Gets In, Philosophy and Music Festival, Hay on Wye. Available at: <https://iai.tv/video/beauty-bites-back>
- 2014 'Kant's Copernican Revolution,' Hills Road Sixth Form College Philosophy Society
- 2012 'Kantian Philosophy of Science,' Hills Road Sixth Form College Philosophy Society
- 2011 'Environmental Ethics and Aesthetic Value,' Royal Institute of Philosophy Public Lecture, University of East Anglia

Refereeing

British Journal for the History of Philosophy, British Journal of Aesthetics, Erkenntnis, European Journal for Philosophy of Science, European Journal of Philosophy, Foundations of Science, Intellectual History Review, Journal of the American Philosophical Association, Journal of the History of Philosophy, Kantian Review, Kant Studies Online, Oxford Bibliographies Online, Pacific Philosophical Quarterly, Philosophy of Science, Studies in History and Philosophy of Science, Studies in History and Philosophy of Biological and Biomedical Science, Studi Kantiani, Synthese

Submissions: UK Kant Society Annual Conference 2014 and 2016, British Society of Aesthetics Connections Conference 2014

Book proposals: Cambridge University Press, Oxford University Press, Polity Press

Grant applications: Arts and Humanities Research Council, Deutsche Forschungsgemeinschaft, Irish Research Council

October 2016