

Curriculum Vitae

Trevor Pearce

University of North Carolina at Charlotte
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AOS: American Pragmatism, History and Philosophy of Biology, Philosophy of Science

AOC: History of Modern Philosophy, Environmental Ethics, Philosophy of Social Science

EMPLOYMENT

- 2013- *Assistant Professor*
Department of Philosophy
University of North Carolina at Charlotte
- 2011-2013 *Mellon Postdoctoral Fellow in the Humanities*
Department of Philosophy
University of Wisconsin-Madison
- 2010-2011 *Postdoctoral Fellow in Philosophy of Science*
Rotman Institute of Philosophy
University of Western Ontario

EDUCATION

University of Chicago

- 2010 Ph.D. Committee on Conceptual and Historical Studies of Science
- Dissertation: "*A Perfect Chaos*": *Organism-Environment Interaction and the Causal Factors of Evolution*
 - Supervisors: William Wimsatt, Robert Richards, David Jablonski

2007 M.Sc. Committee on Evolutionary Biology

2007 M.A. Department of Philosophy

University of British Columbia

- 2004 B.A. Department of English
- Minors: Philosophy, Music

2004 B.A.Sc. Department of Metals and Materials Engineering

BOOKS

In preparation

Pragmatism's Evolution: Organism and Environment in American Philosophy.

2014

Entangled Life: Organism and Environment in the Biological and Social Sciences. Springer.
(Edited with Gillian Barker and Eric Desjardins)

ARTICLES & CHAPTERS

“Protoplasm Feels”: The Role of Physiology in Peirce’s Evolutionary Metaphysics. Forthcoming in *HOPOS*.

James and Evolution. Forthcoming in *The Oxford Handbook of William James*, ed. Alexander Klein. Oxford University Press.

American Pragmatism, Evolution, and Ethics. Forthcoming in *The Cambridge Handbook to Evolutionary Ethics*, ed. Michael Ruse and Robert J. Richards. Cambridge University Press.

Naturalism and Despair: George Herbert Mead and Evolution in the 1880s. In *The Timeliness of George Herbert Mead*, ed. Daniel R. Huebner and Hans Joas, pp. 117-143. Chicago: University of Chicago Press, 2016.

“Science Organized”: Positivism and the Metaphysical Club, 1865-1875. *Journal of the History of Ideas* 76 (2015): 441-465.

The Dialectical Biologist, circa 1890: John Dewey and the Oxford Hegelians. *Journal of the History of Philosophy* 52 (2014): 747-777.

The Origins and Development of the Idea of Organism-Environment Interaction. In *Entangled Life: Organism and Environment in the Biological and Social Sciences*, ed. Gillian Barker, Eric Desjardins, and Trevor Pearce, pp. 13-32. Dordrecht: Springer, 2014.

Introduction: Perspectives on Entangled Life. (With Gillian Barker and Eric Desjardins.) In *Entangled Life: Organism and Environment in the Biological and Social Sciences*, ed. Gillian Barker, Eric Desjardins, and Trevor Pearce, pp. 1-9. Dordrecht: Springer, 2014.

Puzzles for ZFEL, McShea and Brandon’s Zero Force Evolutionary Law. (With Martin Barrett et al.) *Biology & Philosophy* 27 (2012): 723-735.

Convergence and Parallelism in Evolution – A Neo-Gouldian Account. *British Journal for the Philosophy of Science* 63 (2012): 429-448.

Evolution and Constraints on Variation: Variant Specification and Range of Assessment. *Philosophy of Science* 78 (2011): 739-751.

Ecosystem Engineering, Experiment, and Evolution. *Biology & Philosophy* 26 (2011): 793-812.

From ‘Circumstances’ to ‘Environment’: Herbert Spencer and the Origins of the Idea of Organism-Environment Interaction. *Studies in History and Philosophy of Biological and Biomedical Sciences* 41 (2010): 241-252.

“A Great Complication of Circumstances” – Darwin and the Economy of Nature. *Journal of the History of Biology* 43 (2010): 493-528.

Biomechanics of Byssal Threads outside the Mytilidae – *Atrina rigida* and *Ctenoides mitis*. (With Michael LaBarbera.) *Journal of Experimental Biology* 212 (2009): 1449-1454.

A Comparative Study of the Mechanical Properties of Mytilid Byssal Threads. (With Michael LaBarbera.) *Journal of Experimental Biology* 212 (2009): 1442-1448.

Tonal Functions and Active Synthesis: Hugo Riemann, German Psychology, and Kantian Epistemology. *Intégral* 22 (2008): 81-116.

Simple Mathematical and Computational Wear Model for Ultra-High-Molecular-Weight Polyethylene Total Hip Replacements. (With K.H.S. Chan et al.) *Applied Bionics and Biomechanics* 4 (2007): 83-88.

More than an Analogy: Rudolf Carnap and Theodor Adorno on Music and Philosophy. *voiceXchange* 2 (2006): 3-11.

AWARDS AND HONORS

2016-2017	Scholars Award, National Science Foundation (Science, Technology, and Society)
2016	Frances Lumsden Gwynn Award, University of North Carolina at Charlotte
2016	Junior Faculty Development Award, University of North Carolina at Charlotte
2016	Faculty Research Grant, University of North Carolina at Charlotte
2014	Short-Term Fellowship, Huntington Library
2014	Faculty Research Grant, University of North Carolina at Charlotte
2010-2011	Postdoctoral Fellowship, Soc. Sci. and Humanities Research Council of Canada
2009-2010	Mellon Dissertation-Year Fellowship, University of Chicago
2004-2009	Neubauer Family Presidential Fellowship in the Humanities, University of Chicago
2009	Environmental Studies Prize Lectureship, University of Chicago
2008	Predocotrual Fellowship, Max Planck Institute for the History of Science
2006-2008	Doctoral Fellowship, Social Sciences and Humanities Research Council of Canada
2000-2004	Undergraduate Scholar Program Scholarship, University of British Columbia
2002-2003	Margaret Lawrence Scholarship in Arts, University of British Columbia
2001-2002	Hugh M. Brock Education Abroad Scholarship, University of British Columbia
2001-2002	Dynatec Corporation Scholarship in Metallurgy, University of British Columbia
2000-2002	C & E Keyes Scholarship in Materials Engineering, University of British Columbia
1998-1999	Outstanding Student Initiative Scholarship, University of British Columbia

REVIEWS & REPORTS

[Review of] Beth Eddy, *Evolutionary Pragmatism and Ethics* (Lanham, MD: Lexington, 2016). *Transactions of the Charles S. Peirce Society*. Forthcoming.

[Review of] Naomi Beck, *La gauche évolutionniste. Spencer et ses lecteurs en France et en Italie* (Besançon: Presses universitaires de Franch-Comté, 2014). *Isis* 107 (2016): 418-419.

[Review of] Cheryl Misak, *The American Pragmatists* (Oxford: Oxford University Press, 2013). *HOPOS* 4 (2014): 172-176.

Philosophy of Biology in the Twenty-First Century. *Studies in History and Philosophy of Biological and Biomedical Sciences* 43 (2012): 312-315.

Meeting Report: Fourth ISHPSSB Off-Year Workshop. *Biology & Philosophy* 26 (2011): 315-316.

[Review of] Jean-Michel Pouget, *La science goethéenne des vivants: De l'histoire naturelle à la biologie évolutionniste* (Bern: Peter Lang, 2001). *Journal of the History of Biology* 40 (2007): 187-190.

[Review of] Allen Thiher, *Fiction Refracts Science: Modernist Writers from Proust to Borges* (Columbia: University of Missouri Press, 2005). *Modern Philology* 104 (2007): 463-466.

TEACHING

University of North Carolina at Charlotte

Environmental Ethics, Spring 2016
Modern Philosophy, Spring 2016
American Pragmatism, Evolution, and Ethics, Fall 2015
Introduction to Philosophy, Fall 2015
Nature as Technology, Fall 2014
Introduction to Philosophy, Fall 2014
Modern Philosophy, Spring 2014
Philosophy of Science, Spring 2014
Introduction to Philosophy, Fall 2013

University of Wisconsin-Madison

Philosophical Problems of the Biological Sciences, Spring 2013
Philosophy of the Social Sciences, Fall 2012
Philosophical Problems of the Biological Sciences, Spring 2012
American Pragmatism, Fall 2011

University of Western Ontario

Philosophy of Science, Winter 2011

University of Chicago

Environmental Philosophy, Winter 2009

Nature as Technology, Spring 2008

INVITED PRESENTATIONS

- 2016 “The Ordinary Cock-sure Evolutionist”: Pragmatism, Naturalism, Adaptationism. Presented in the colloquium series of the Institute for the History and Philosophy of Science and Technology, University of Toronto, February 3
- 2015 Pragmatism, Positivism, Evolutionism: Currents in Late-Nineteenth-Century American Philosophy. Presented at the “Rethinking Modern Philosophy” conference, University of Sheffield, June 14-15
- 2014 James *contra* Spencer: Environment and the Active Mind. Presented at the Inland Northwest Philosophy Conference on “Philosophy of Science: Inside and Out,” Washington State University, July 31-August 1
- 2013 George Herbert Mead’s Debt to Biology: Evolution and Philosophy in the 1880s. Presented at the “George Herbert Mead at 150” conference, University of Chicago, April 18-20
- 2012 The Dialectical Biologist, circa 1890: Dewey, Mead, and the Oxford Hegelians. Presented at the “Pragmatism in Philosophy of Science” conference, University of San Francisco, March 30-31
- 2012 Darwin versus Spencer: The Economy of Nature and Organism-Environment Interaction. Presented at the “Evo-Eco 1830-1870” workshop, Institut d’histoire et de philosophie des sciences et des techniques, Université Paris 1, February 17-18
- 2011 “Psychologists Don’t Know Much about Evolution”: Osborn, Cope, and the Baldwin Effect. Presented at the History & Theory of Psychology colloquium, York University, March 3
- 2011 The Role of Case Studies in Evolutionary Debates. Presented at the Philosophy colloquium, Case Western Reserve University, November 4
- 2011 Biology & Philosophy: Creative Exchange. Presented at the “Essence of Creativity” session of the Wisconsin Science Festival, University of Wisconsin-Madison, September 23
- 2009 From ‘Circumstances’ to ‘Environment’: Herbert Spencer and the Origins of the Idea of Organism-Environment Interaction. Presented at the Paleobiology Seminar Series, Smithsonian Museum of Natural History, April 9.

REFEREED PRESENTATIONS (SELECTED)

- 2016 Evolutionary Progress and Social Reform in American Pragmatism. Presented at the History of Science Society annual meeting, Atlanta, GA, November 3-6.
- 2016 “The Ordinary Cock-sure Evolutionist”: Pragmatism, Naturalism, Adaptationism. To be presented at the International Society for the History of Philosophy of Science biennial meeting, Minneapolis, MN, June 22-25.
- 2015 Darwin’s Reasoner: Chauncey Wright as Philosopher of Biology. Presented at the International Society for the History, Philosophy, and Social Studies of Biology biennial meeting, Montreal, Canada, July 6-10
- 2014 Weismannism Comes to America: Pragmatism and Evolution in the 1890s. Presented at the History of Science Society annual meeting, Chicago, IL, November 6-9
- 2014 When Did Peirce and James Become Evolutionists? Presented at the Society for the Advancement of American Philosophy annual meeting, Denver, CO, March 6-8
- 2012 George Herbert Mead’s Debt to Biology: Evolution and Philosophy in the 1880s. Presented at the American Philosophical Association - Eastern Division annual meeting, Atlanta, GA, December 27-30
- 2012 Evolution and Positivism in the Metaphysical Club: Chauncey Wright and John Fiske. Presented at the International Society for the History of Philosophy of Science biennial meeting, Halifax, Canada, June 21-24
- 2011 The Biological Roots of Pragmatism: William James and Organism-Environment Interaction. Presented at the American Philosophical Association - Central Division annual meeting, Minneapolis, MN, March 30-April 2
- 2010 Evolution and Constraints on Variation: Variant Specification and Range of Assessment. Presented at the Philosophy of Science Association biennial meeting, Montreal, Canada, November 4-6
- 2009 The Spencer-Weismann Dispute and Alternative Evolutionary Mechanisms in the 1890s. Presented at the History of Science Society annual meeting, Phoenix, AZ, November 19-22
- 2009 Organism-Environment Interaction, Constraints, and Macroevolution. Presented at the International Society for the History, Philosophy, and Social Studies of Biology biennial meeting, Brisbane, Australia, July 12-16
- 2007 The Scorpion’s Sting – Functions, Mechanisms, and Biomechanical Explanation. Presented at the International Society for the History, Philosophy, and Social Studies of Biology biennial meeting, University of Exeter, July 25-29

2006 Engineering Values – John Dewey, Rudolf Carnap, and Valuation in Science. Presented at the International Society for the History of Philosophy of Science biennial meeting, École Normale Supérieure, June 14-18

PROFESSIONAL ACTIVITIES

Ongoing Referee for University of Chicago Press, Oxford University Press, National Science Foundation, *British Journal for the Philosophy of Science*, *Biology & Philosophy*, *Erkenntnis*, *Studies in History and Philosophy of Biological and Biomedical Sciences*, *Journal of the History of Philosophy*, *Evolution*, *Perspectives in Biology and Medicine*, *Environmental Values*, *HOPOS*, *William James Studies*

2011- Listserv Moderator, Publications Committee, ISHPSSB

2016 Session Organizer, “Naturalistic Accounts of the Mind, 1850-1900,” HOPOS 2016

2014 Session Organizer, “Jamesian Borderlands,” SAAP 2014

2011 Session Organizer, “Pragmatism & Biology: Exchange of Ideas,” ISHPSSB 2011

2010-2011 Coordinator, Rotman Institute of Philosophy Reading Group, U. Western Ontario

2007-2011 Off-Year Workshop Committee, ISHPSSB

2010 Organizing Committee, ‘Integrating Complexity’ conference, U. Western Ontario

2007-2010 Coordinator, Philosophy of Biology Discussion Group, U. Chicago

2006-2009 Graduate Student Rep, Conceptual and Historical Studies of Science, U. Chicago

REFERENCES

Peter Godfrey-Smith, Distinguished Professor of Philosophy, City University of New York Graduate Center (pgodfreysmith@gmail.com, 617-462-8887)

David Jablonski, William R. Kenan, Jr. Distinguished Service Professor of the Geophysical Sciences, University of Chicago (djablons@uchicago.edu, 773-702-8163)

Cheryl Misak, Professor of Philosophy, University of Toronto (cheryl.misak@utoronto.ca, 416-978-3311)

Lynn K. Nyhart, Vilas-Bablitch-Kelch Distinguished Achievement Professor of the History of Science, University of Wisconsin-Madison (lknyhart@wisc.edu, 608-262-3492)

Robert J. Richards, Morris Fishbein Distinguished Service Professor of the History of Science and Medicine, University of Chicago (r-richards@uchicago.edu, 773-702-8348)

Elliott Sober, Hans Reichenbach Professor and William F. Vilas Research Professor of Philosophy, University of Wisconsin-Madison (ersoer@wisc.edu, 608-263-7478)

William C. Wimsatt, Professor Emeritus of Philosophy, University of Chicago (wwim@uchicago.edu)