

Jonathan Michael Kaplan
Curriculum Vitae

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Professional Experience and Education:

2007 - present	Chair, Philosophy Department, Oregon State University
2006 - present	Associate Professor of Philosophy, Philosophy Department, Oregon State University.
2003 - 2006	Assistant Professor of Philosophy, Philosophy Department, Oregon State University.
1998 - 2003	Assistant Professor of Philosophy, Philosophy Department, University of Tennessee, Knoxville.
1997 - 1998	Lecturer, Philosophy Department, Stanford University.
1996 - 1997	Post-Doctoral Fellow with the <u>Stanford Biomedical Ethics Center's Program in Genomics, Ethics and Society</u> , Stanford University.
1991 - 1996	Stanford University. Ph.D. in Philosophy, awarded September 1996.
1987 - 1991	University of California, Irvine. B.A. with Honors in Philosophy.

Areas of Specialization:

Philosophy of Biology, Philosophy of Science, Political Philosophy

Areas of Competence:

Biomedical Ethics, Environmental Ethics, Philosophy of Economics, Epistemology, Metaphysics, Wittgenstein

Publications:

Books:

2006. *Making Sense of Evolution* (co-written with Massimo Pigliucci, Department of Ecology and Evolution, State University of New York at Stony Brook). University of Chicago Press.

2000. *The Limits and Lies of Human Genetic Research*. Routledge Press.

Peer-Reviewed Journal Articles:

2008. "The Paradox of Stasis and the Nature of Explanations in Evolutionary Biology." Forthcoming in *Philosophy of Science* 76(5).

2008. "Economic Rationality and Explaining Human Behavior: An Adaptationist Program?" *The International Journal of Interdisciplinary Social Sciences* 3(7): 79-94.

2008. "Evolutionary Innovations and Developmental Resources: From Stability to Variation and Back Again." *Philosophy of Science* 75: 861-873.

2008. "The End of the Adaptive Landscape Metaphor?" *Biology and Philosophy* 23: 625-638.

2007. "Housing Discrimination as a Basis for Black Reparations" Jonathan Kaplan and Andrew Valls. *Public Affairs Quarterly* 21(3): 255-274.

2006. "Misinformation, Misrepresentation, and Misuse of Human Behavioral Genetics Research." *Law and Contemporary Problems*. 69(1-2): 47-80.

2003. "On the Concept of Biological Race and its Applicability to Humans." Jonathan Kaplan and Massimo Pigliucci. *Philosophy of Science* 70(5): S1161-S1172.

2002. "Historical Evidence and Human Adaptations." *Philosophy of Science* 69(3): S294-S304.

2001. "Import Bans and Tying One's Hands: Weakness of Will as a Justification for Trade Restrictions." *Public Affairs Quarterly* 15(4): 355-372.

2001. "Accidental Germ-Line Modifications Through Somatic Cell Gene Therapies: Some Ethical Considerations." Jonathan Kaplan and Ina Roy. *The American Journal of Bioethics* 1(3): *In Focus* section.

Peer-Reviewed Journal Articles (continued):

2001. "Genes 'For' Phenotypes: A Modern History View." Jonathan Kaplan and Massimo Pigliucci, *Biology and Philosophy* 16(2): 189-213.

2000. "The fall and raise of Dr. Pangloss: adaptationism and the Spandrels paper 20 years later." Massimo Pigliucci and Jonathan Kaplan, *Trends in Ecology and Evolution*, 15(2): 66-70.

2000. "Reply to Thomas Getty." Massimo Pigliucci and Jonathan Kaplan, *Trends in Ecology and Evolution*, 15(6): 249.

1999. "Decision-Analysis and Risk: A Discussion of Decision-Analysis' Engagement with the Conceptual Difficulties." *Genetic Testing* 3(1): 73-79.

Book Chapters:

(Forthcoming) "Spandrels, Pendentives, and Squinches: Architecture, Adaptation, and History." Forthcoming in *Twenty Five Years of Spandrels* edited by Denis Walsh. Oxford University Press.

(In Press) "Misinformation, Misrepresentation, and Misuse of Human Behavioral Genetics Research." In *The Impact of Behavioral Sciences on the Criminal Law* edited by . Oxford University Press.

2008. "Phenotypic Plasticity and Reaction Norms." *A Companion to Philosophy of Biology*, edited by Sahotra Sarkar and Anya Plutynski. Blackwell Publishing. pp. 205-222.

2007. "Children of One's Own: Genes, Parenthood, and the Illusion of Control." *The Influence of Genetics in Scientific and Philosophical Thinking* edited by A. Fagot-Largeault and J. M. Torres. Kluwer-Springer Press. pp. 167-182.

2007. "Violence and Public Health: Exploring the Relationship Between Biological Perspectives on Violent Behavior and Public Health Approaches to Violence Prevention." *Establishing Medical Reality: Essays in the Metaphysics and Epistemology of Biomedical Science* edited by Harold Kincaid and Jennifer McKittrick. Springer Dordrecht. pp. 199-214.

2005. "Rational Decision Making: Descriptive, Prescriptive, or Explanatory?" In *A Companion to Rationalism*, edited by Alan Nelson. Blackwell Publishing. pp. 425-449.

Book Chapters (continued):

2003. "Davidson and Wittgenstein on Knowledge, Communication and Social Justice." Sharyn Clough and Jonathan Kaplan. In C. Prado (ed) *A Dubious Estrangement: Analytic and Continental Philosophy*. Humanity Books, Amherst. pp. 139-154.

Reviews:

2009. *The Laws of Evolution and Derived Lawlike Principles* by Sasha Haywood (Hagenia Press, Oxford, 2009). *Quarterly Review of Biology*. In press.

(Forthcoming). *Genetics and Criminal Behavior*, edited by David Wasserman and Robert Wachbroit (Cambridge University Press, 2001). *Politics and the Life Sciences*.

2008. *Making Prehistory: Historical Science and the Scientific Realism Debate* by Derek Turner (Cambridge University Press, 2007). *Quarterly Review of Biology*. 83(2): 196

2008. *Genes in Development: Rereading the Molecular Paradigm* edited by Eva. M. Neumann-Held and Christoph Rehmann-Sutter (Duke University Press, 2006). In Press for *Biological Theory*. 2(4): 427-429.

2007. *Evolution and the Levels of Selection* by Samir Okasha (Oxford University Press 2006). *Notre Dame Philosophical Reviews*.

2007. *Darwinian Reductionism* by Alex Rosenberg (Chicago, IL: University of Chicago Press 2006). *Quarterly Review of Biology*. 82(2):140.

2006. *Who's Afraid of Charles Darwin?*, by Griet Vandermassen (Landham, MD: Rowman and Littlefield Publishers, Inc.). *Metascience*. 15:177-181.

2006. *Making Modern Science: A Historical Survey*, by Peter J Bowler and Iwan Rhys Morus. (University of Chicago Press. 2005). *Quarterly Review of Biology* 81:158-159.

2005. *Philosophy of Experimental Biology*, by Marcel Weber (New York: Cambridge University Press, 2005). *Philosophy in Review*. 25(6): 411-413.

2004. *The Song Sparrow and the Child: Claims of Science and Humanity*, by Joseph Vining (University of Notre Dame Press, 2004). *Journal of the American Medical Association*. 292(12): 1493.

Reviews (continued):

2004. *Functions: New Essays in the Philosophy of Psychology and Biology*, edited by André Ariew, Robert Cummins, and Mark Perlman (Oxford University Press, 2002). *Philosophical Psychology* 17(3): 433-436.

2003. *What Genes Can't Do*, by Lenny Moss (The MIT Press, 2002). *Notre Dame Philosophical Reviews* (<http://ndpr.nd.edu/review.cfm?id=1353>).

2003. *Genes: A Philosophical Inquiry*, by Gordon Graham (Routledge, 2002). *Notre Dame Philosophical Reviews* (<http://ndpr.nd.edu/review.cfm?id=1276>).

2001. *Beyond Cloning: Religion and the Remaking of Humanity*, edited by Ronald Cole-Turner (Trinity Press, 2001). *American Journal of Bioethics*. 1(3): 68-69.

1996. "Problematizing Reifications and Naturalizations: Out of Focus at *The Henry R. Luce Professorship of Biotechnology and Society's* Symposium: 'Genetics and the Human Genome Project: Where Scientific and Public Cultures Meet'" *Stanford Humanities Review* Volume 5, 126-131.

Presented Papers (Invited):

2009. "Variation and Inheritance: Horizontal & Vertical, Genetic & Non-Genetic" Brown University conference, "What's New in Evolution" April, 2009.

2009. "When Socially Determined Categories Make Biological Realities: Understanding Black/White Health Disparities in the U.S." Franklin and Marshall conference on "Philosophy, the Life Sciences, and Society." March, 2009.

2008. "When Socially Determined Categories Make Biological Realities: Understanding Black/White Health Disparities in the U.S." Forthcoming at the University of Kansas Philosophy Department's Visiting Lecture Series. November 21st, 2008.

2008. "The History and Legacy of Housing Discrimination in the U.S." Presented at the Oregon National Association for Multicultural Education. May 6th, 2008.

2007. "The Paradox of Evolutionary Stasis and the Nature of Explanations." Presented at the SUNY Stony Brook Department of Ecology and Evolution Colloquium Series. November 7th, 2007.

Presented Papers (Invited), continued.

2007. "Evolutionary Psychology, meet Developmental Systems Theory." Presented at Stanford University's Department of Anthropological Sciences Colloquium Series. January 12th, 2007.

2006. "Giving up the Adaptive Landscape Metaphor." Presented at the University of California, Irvine's Department of Logic and Philosophy of Science Colloquium Series. May 4th, 2006.

2006. "Evolution and Developmental Resources: from Variation to Stability and Back Again." Presented at the Franklin & Marshall College Philosophy Department's Colloquium series. April 6th, 2006.

2006. "Inside/Outside: External Resources and the Individual in the Fragile Science." Author meets critics commentary on Robert Wilson's *Genes and the Agents of Life*. *American Philosophical Association*, Pacific Division. March 2006.

2005. "Evolution and developmental resources: from variation to stability and back again" A plenary talk presented at the fourth biennial conference on the "Developmental Basis of Evolutionary Change" at the University of Chicago. October 20-23, 2005.

2005. "Devo-Evo and the Limits of Contemporary Behavior Genetics Research Techniques: A Reply to Kenneth Schaffner." Presented at the First Annual Queensland Biohumanities Conference. Brisbane, Australia. October 15-16, 2005.

2005. "Is it Time to Give up Adaptive Landscapes?" Presented at the University of Houston's Department of Biology and Biochemistry Colloquium / Seminar series. September 7th, 2005.

2005. "Misinformation, Misrepresentation, and Misuse of Human Behavioral Genetics Research." Presented at the Duke University Law School's symposium, "The Impact of Behavioral Genetics on Criminal Law," April 2005.

2005. "The End of Adaptive Landscapes?" Presented at the University of British Columbia's Philosophy Colloquium series, January 2005.

2004. "Violence and Public Health: Exploring the Relationship Between Biological Perspectives on Violent Behavior and Public Health Approaches to Violence Prevention." Presented at Pennsylvania State University conference, "Beyond Science and Values," April 2004; the *Center for Ethics and Values in the Sciences* conference on "Philosophical Issues in the Biomedical Science," University of Alabama Birmingham, May 2004.

2003. "MAOA and Violence: The Gene and the Environment." Presented at the *Center for Ethics and Values in the Sciences*' colloquium series, University of Alabama Birmingham, March 2003.

Presented Papers (Invited), continued.

2003. "The Targets and Units of Selection: Physical Processes and Statistical Bookkeeping in Biological Evolution." University of Cincinnati Philosophy Department, February 2003; Oregon State University Philosophy Department, February 2003; Lewis and Clark College Philosophy Department, October 2004.

2001. "Import Bans and Tying One's Hands: Weakness of Will and Import Restrictions." Philosophy Department Colloquium, University of California at Irvine, April 2001.

2000. "Social Justice, Economic Choices, and Health Care Expectations." Bioethics Fullerton Conference, "The Humanities in Medical Education," April 2000.

2000. "Distant Relatives and Extinct Relations: Troubles for the Historical Approach to Human Adaptation." *American Philosophical Association*, Pacific Division Meeting, April 2000.

1996. "Wittgenstein on the Soul." *American Philosophical Association*, Pacific Division Meeting, April 1996 (Commentator).

Presented Papers (peer reviewed):

2008. "The Paradox of Stasis and the Nature of Explanations in Evolutionary Biology." Philosophy of Science Association, Biennial Meeting. November 2008.

2008. "The Economics of Human Behavior: An Adaptationist Program?" The Third International Conference on Interdisciplinary Social Sciences. Monash University Centre, Prato, Tuscany, Italy. July 2008.

2007. "Evolutionary Stasis and Developmental Stability: Are they related?" *International Society for the History, Philosophy, and Social Studies of Biology*. Biennial meeting. July 2007.

2006. "Evolutionary Innovations and Developmental Resources: From Stability to Variation and Back Again." *Philosophy of Science Association*. Biennial Meeting, November 2006.

2006. "The End of the Adaptive Landscape Metaphor." *Scientific Images: An American Philosophical Association Pacific Division Mini-Conference*. March 2006.

2003. "Spandrels, Pendentives, and Squinches: Architecture, Adaptation, and History." Duke University Center for the Philosophy of Biology, Second Annual Conference on Recent Work in Biology and Philosophy, April, 2003.

Presented Papers (peer reviewed) (continued):

2002. "Social Justice, Economic Choices, and Health Care Expectations." *American Philosophical Association*, Eastern Division Meeting, December 2002.

2002. "On the Concept of Biological Race and its Applicability to Humans." With Massimo Pigliucci. *Philosophy of Science Association* Biennial Meeting, November, 2002.

2001. "Ethics and Evolution." *International Society for the History, Philosophy, and Social Studies of Biology* Biennial Meeting, July 2001.

2001. "'Scientific' Decision Making: Decision Analysis and Evidence-Based Medicine." Center for Ethics and Values in the Sciences conference, "Value Free Science: Ideal or Illusion?" University of Alabama, Birmingham, February 2001.

2000. "Mental Illness and the Ways of Contingency: Context Sensitivity, Social Norms, and the Biology of Construction." *American Philosophical Association*, Eastern Division Meeting, December 2000.

2000. "Historical Evidence and Human Adaptations." *Philosophy of Science Association*, Biennial Meeting, November 2000.

1999. "Evolutionarily Meaningful Environments and the Gene-Phenotype Relationship: The Problem With Standard Environments." *American Philosophical Association*, Eastern Division Meeting, December 1999.

1999. "ADD/ADHD and the Genetic Disease Concept." with Alan Rubel, *American Society for Bioethics and Humanities* Conference, October 1999.

1999. "Decisions and the Culture of Deciding." *Inland Northwest Philosophy Conference* "Reason and Rationality," April 1999.

1998. "Scientific Explanations, Political Pluralism, Ontological Commitments, and What Killed the Dinosaurs." *Inland Northwest Philosophy Conference* "Realism and Anti-Realism," April 1998.

1998. "Genetic Determinism and the PKU Myth." *American Philosophical Association*, Pacific Division Meeting, April 1998.

Other Professional Activities:

Respondent: “Making Sense of Evolution” Panel discussion. Oregon State University. April 7, 2007.

Participant and Presenter: “Recent CLA Research on Race and Racism.” Oregon State University October, 21st 2006.

Participant and Presenter: “3rd Annual Pacific American Philosophical Association Mini Conference,” a campus presentation by the OSU Philosophy Club. April 2006.

Panel member: “Research Ethics Forum.” Oregon State University, March 2nd 2006.

Conference organizer (with Sharyn Clough): “2nd Annual Pacific American Philosophical Association Mini Conference,” a campus presentation by the OSU Philosophy Club. April 2005.

Discussant “Roundtable on Race: The Case of John Locke,” Oregon State University. (<http://oregonstate.edu/~cloughs/CloughRace1.html>). February 2005.

Discussant “Roundtable on Race and Racism: An Interdisciplinary Conversation,” Oregon State University. (<http://oregonstate.edu/~cloughs/CloughRace1.html>). November 2004

Conference organizer (with Sharyn Clough) and discussant: “1st Annual Pacific American Philosophical Association Mini Conference,” a campus presentation by the OSU Philosophy Club. April 2004.

Participant and collaborator, “Representing Genes” project, funded by the NSF and other granting agencies. Principle investigators: Karola Stotz, and Paul Griffiths, University of Pittsburgh, PA. Conferences in February 2004, and January 2003.

Teaching Experience (courses taught, 1995-2007):

“Research Ethics” (a graduate seminar) OSU, 2006-present.

“Political Philosophy” (an introductory course) OSU, 2007-present.

“(Why) Are We Rational?” (an Oregon State University Honors College colloquium) co-taught with Andrew Stivers (OSU Department of Economics) OSU, Winter 2005.

“Ethics” (an introductory course) OSU, 2004-present.

“Scientific Reasoning” (an undergraduate course) OSU, 2003-present.

“Philosophy of Biology” (both as a graduate seminar and as an advanced undergraduate course) OSU, 2003-present; University of Tennessee Knoxville (UTK), 1998-2003; Stanford University, 2002.

Teaching Experience, continued:

- “Reasoning and Writing” (an introductory course) OSU, 2003-present.
- “Philosophy of Science” (both as a graduate seminar and as an advanced undergraduate course) UTK, 1998-2003.
- “Special Topics in Advanced Biological Practice” (an advanced graduate seminar) co-taught with Massimo Pigliucci (Dept. Evolutionary Biology, SUNY Stonybrook) UTK, 2002-2003.
- “Wittgenstein: Interpretation and Method” (both as an advanced undergraduate course and as a graduate course) UTK, 2003; Stanford, 1996.
- “Philosophical Foundations of Democracy” (an advanced undergraduate course) UTK, 2000-2003.
- “The Philosophy of Madness: Conceptual Issues in Mental Disease” (a graduate seminar) UTK, 2002.
- “The Human Condition: Value and Reality” (an introductory course) UTK, 2000-2002
- “The Philosophy and Science of Evolutionary Biology” (a graduate seminar) co-taught with Massimo Pigliucci. UTK, 2001.
- “The Human Condition: Knowledge and Reality” (an introductory course) UTK, 1998-2000.
- “Topics in Contemporary Philosophy: Rorty, Davidson, and Hacking on Contingency” (an advanced graduate seminar) UTK, 1999.
- “The Philosophy and Literature of Post-Modernism” (an advanced undergraduate course) Stanford, 1997.
- “The Philosophy and Literature of Existentialism and Post-Modernism,” (an advanced undergraduate course) co-taught with Stephen Käufer. Stanford, 1995.

Additional Teaching Interests:

- “Ethical, Social and Political Issues in Agricultural Practice and Food Production”
- “Biodiversity: Ethical Crises and Conceptual Difficulties”
- “The Nature of Craft”

Professional Service:

University/Departmental and Related:

- 2008 - present Member, Faculty Advisory Board for OSU’s Center for the Humanities.
- 2007 - present Chair, Philosophy Department, Oregon State University.
- 2009 Participant, UHC Focus Group on the Baccalaureate Core
- 2007 - 2008 Member, College of Liberal Arts Dean Search Committee
- 2006 - 2007 Chair, Student Awards Committee, Philosophy Department, Oregon State University.
- 2006 - 2007 Member, Faculty Tenure and Promotion Review Committee for Joseph Orosco.
- 2004 - 2007 Coordinator, Applied Ethics Certificate Program, Oregon State University.
- 2005 - 2006: Chair, Departmental Faculty Advisory Committee, Philosophy Department, Oregon State University.

Departmental and University Service, continued.

- 2003 - 2006: Member, Computing Resources Committee, Oregon State University.
2005: Member, CLA Research Grant Selection Committee
2003 - 2005: Faculty co-advisor (with Sharyn Clough), Undergraduate Philosophy Club, Oregon State University.
2003 - 2005: Member, Departmental Faculty Advisory Committee, Philosophy Department, Oregon State University.
2000 - 2003: Co-Chair, Colloquium Committee, Philosophy Department, University of Tennessee, Knoxville.
1998 - 2003: Member, Head's Advisory Committee, Philosophy Department, University of Tennessee, Knoxville.
1999 - 2003: Member, Committee on Revising the Undergraduate Philosophy Curriculum, Philosophy Department, University of Tennessee, Knoxville.
1998 - 2003: Member, Medical Ethics Committee, Philosophy Department, University of Tennessee, Knoxville.
2000 - 2001: Member, Search Committee, Assistant Professor Position, Philosophy Department, University of Tennessee, Knoxville.
1999 - 2000: Member, Head Search Committee, Philosophy Department, University of Tennessee, Knoxville.

Other Professional Service:

- 2008 - present Journal Editor, *Philosophy and Theory in Biology*
2008 Guest Editor, Special Issue of *Biology and Philosophy*
2007 - present Manuscript reviewer for *University of California Press*
2007 - present Manuscript reviewer for *Yale University Press*
2006 - present Manuscript reviewer for *Theoretical Biology*
2005 - present Manuscript reviewer for *Philosophy of Science*
2004 - present Manuscript reviewer for *The Quarterly Review of Biology*.
2004 - present Manuscript reviewer for the *University of Chicago Press*
2003 - present Manuscript reviewer for *Biology and Philosophy*.
2001 - present Manuscript reviewer for *The British Journal for the Philosophy of Science*.

Professional Development:

- 2009 Council for Colleges of Arts of Sciences, Department Chairs' Seminar.
2003 Writing Intensive Curriculum Seminar, Oregon State University.
2001 Innovative Technology Center Workshop on basic HTML, University of Tennessee.
2000 Innovative Technology Center Workshop on Blackboard System, University of Tennessee.

Fellowships Held, Grants Received, and Awards:

- 2007: Senior Personnel member on NSF grant application for “REU Site for Oregon Marine Science: From upper estuaries to the deep.” Principal Investigators: George W Boehlert and Robert A Duncan. Total grant amount: \$300,000 over 3 years. I am responsible for the “Research Ethics Component” of the grant, which totals approximately \$12,000 for three years. Awarded 2007.
- 2005: OSU College of Liberal Arts Research Grant (\$9,102), with Andrew Valls (Department of Political Science), for our proposal “Housing Discrimination as a Basis for Black Reparations.”
- 2004: OSU Philosophy Department “Service Award”
- 2003: National Endowment for the Humanities Fellowship (\$3,250), Summer Institute on Science and Values, University of Pittsburgh.
- 2002 - 2003: Matchette Foundation Grant (\$3,000), Principal Investigator and Grant Writer
- 2001 - 2002: Haines-Morris Grant (\$8000), Co-Principal Investigator and Grant Writer
- 1991 - 1996: Andrew W. Mellon Doctoral Fellowship in the Humanities