

Gregory J. Cooper

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Appointments

Associate Professor of Philosophy Core Faculty in the Environmental Studies Program	1999 - present
Director, University Scholars Program, Washington and Lee University	2001 - 2010
Director, Society and the Professions Program in Ethics, Washington and Lee University	1999 - 2011
Assistant Professor of Philosophy, Duke University	1991 - 1999
Assistant Professor of Philosophy, SUNY-Potsdam	1988 - 1991
Instructor, Department of Philosophy, University of Minnesota	1985 - 1986
Instructor, Department of Philosophy, University of Wisconsin-Stout	1984

Education

University of Minnesota, Ph.D. in Philosophy Dissertation: Ecology and Evolution: A Philosophical Study (Advisor: Philip Kitcher)	1989
University of Wisconsin, B.A. in Philosophy	1976

Research and Teaching Interests

Philosophy of Biology
Philosophy of Ecology
Environmental Ethics
General Philosophy of Science and Epistemology
Practical Ethics (especially Health Care and Law)

Publications

Books

Foundations of Ecology II: Classic Papers with Commentaries. Miller, Thomas E. and Joseph Travis (principle editors), Ben Bolker, Gregory Cooper, Ingrid M. Parker, David M. Post, Helen Rodd, Mary Ruckelshaus, and Robert Sterner (contributing editors). Under contract with the University of Chicago Press.

The Science of the Struggle for Existence: On the Foundations of Ecology. Cambridge University Press, 2003

Philosophical Issues in Ecological Ethics. The Ministry of Education, Science and Culture of the Kyrgyz Republic and the Kyrgyz State National University Center for Graduate Study, 1999 (in Russian)

Book chapters

Kester, George, Gregory Cooper, Roger Dean, Peter Gianiodis, and Michael Goldsby, "Hollywood in the Classroom: A Resource for Teaching Business Ethics to Undergraduates" *Handbook of Research on Teaching Ethics in Business and Management Education*, edited by Charles Wankel and Agata Stachowicz-Stanusch, ICI Global Publishers, December 2012.

"Integrity and Zeal", in Dare, Tim, and W. Bradley Wendel, eds., *Professional Ethics and Personal Integrity*, Cambridge Scholars Publishing, 2010, p. 79-99.

"Philosophy of Ecology", in Callicott, J. Baird, and Robert Frodeman, eds., *Encyclopedia of Environmental Ethic and Philosophy*, Macmillan, 2008.

"Community Ecology", in Callicott, J. Baird, and Robert Frodeman, eds., *Encyclopedia of Environmental Ethic and Philosophy*, Macmillan, 2008.

"Ecology", Callicott, J. Baird, and Robert Frodeman, eds., *Encyclopedia of Environmental Ethic and Philosophy*, Macmillan, 2008.

"Hypothetical Preferences and Environmental Policy," in Alberini, Anna, and James R. Kahn, eds., *Handbook on Contingent Valuation*, Edward Elgar, 2006, p. 116-132.

"Ecosystem Management, Environmental Values, and Lake Issyk Kul", in Klerkx, Jan, ed., *Lake Issyk Kul: Its Natural Environment*, Kluwer Academic Publishers, 2002, p. 269-81

"Aldo Leopold and the Values of the Native", in Vitek, William, and Wes Jackson, eds., *Rooted in the Land: Essays on Community and Place*, Yale University Press, 1996, p. 150-162

Articles

"The Role of Payments for Ecological Services in the Sustainable Development and Environmental Preservation of the Rainforest: A Case Study of Barcelos, Amazonas, BR", *International Journal of Social Ecology and Sustainable Development*, 4(3), 13-27, July - September 2013 (co-authored with Rivas, Alexandre A.F., Kahn, James R., Freitas, Carlos Edwar, and Hurd, Lawrence E.)

- “*A Modern Legal Ethics on the Substantive Justification of the Lawyer’s Role and its Implications for Professional Practice*,” *Legal Ethics*, vol. 13, no 2, December 2010.
- “Issues in Teaching Ethics to Undergraduates”, *Council on Undergraduate Research Quarterly* 22 (2002), p. 55-56 (co-authored with D. Elms and J. Stewart)
- “Must There Be a Balance of Nature?”, *Biology and Philosophy* 16 (2001), p. 481-516
- “Teleology and Environmental Ethics”, *American Philosophical Quarterly* 35 (1998), p. 195-207
- “Generalizations in Ecology: A Philosophical Taxonomy”, *Biology and Philosophy* 13 (1998), p. 555-586
- “Theoretical Modeling and Biological Laws”, in Darden, L., ed., *Proceedings of the 1996 Biennial Meeting of the Philosophy of Science Association, Supplement to Philosophy of Science*, Vol. 63 (1996), p. 28-35
- “Towards a Genuine Dialogue Between Ecology and Philosophy of Science”, review essay in *Ecology* 76 (1996), p. 974-977
- “Sober on Brandon on Screening-off and the Levels of Selection”, *Philosophy of Science* 61 (1994), p. 475-486, co-authored with Robert Brandon (principal author), Janis Antonovics, Richard Burian, Scott Carson, Paul Sheldon Davies, Christopher Horvath, Brent D. Mishler, Robert C. Richardson, Kelly Smith, and Peter Thrall
- “The Competition Controversy in Community Ecology”, *Biology and Philosophy* 8 (1993), p. 359-384
- “The Explanatory Tools of Theoretical Population Biology”, *Proceedings of the 1990 Biennial Meeting of the Philosophy of Science Association*, Vol. 1 (1990), p. 165-178
- “Fitness and Explanation”, *Proceedings of the 1988 Biennial Meeting of the Philosophy of Science Association*, Vol. 1 (1988), p. 207-215

Works in Progress

- “On the Foundations and Normative Role of Ecosystem Function,” coauthored with Charbel El-Hani and Nei Nunes Neto, invited paper for *Evolutionary Theory: A Hierarchical Perspective*, Eldredge, Niles, et al., eds., forthcoming with University of Chicago Press
- “Amazon Floodplain Fish Communities: Diversity, Metapopulations, and Conservation in a Changing Environment,” coauthored with Lawrence E. Hurd, Raniere G. C. Sousa, Flavia K. Siqueira-Souza, James R. Kahn, and Carlos E. C. Freitas, under review with *Biological Conservation*
- “Legal Ethics: At Wholesale or Retail,” to be submitted to *Legal Ethics*

Presentations

- “Philosophical Legal Ethics” at a session on W. Bradley Wendel’s *Ethics and Law: An Introduction* at the Cornell University Law School, April 2015
- “Legal Ethics, Jury Nullification, and the Rule of Law” at the International Legal Ethics Conference VI in London, England, July 2014.
- “Value Pluralism and Environmental Policy” at Modelagem Ecologica: Bases Teóricas e Epistemológicas II conference at the Federal University of Bahia, Salvador, Brazil, November, 2013.
- “Back to Darwin’s Entangled Bank: Taking Ecology Seriously.” Panel discussion at the biennial meeting of the International Society for the History, Philosophy and Social Studies of Biology in Montpellier, France, July 2013.
- “Environmental Values and Ecosystem Function” at the biennial meeting of the International Society for the History, Philosophy and Social Studies of Biology in Montpellier, France, July 2013.
- “Towards a Philosophy of Modeling in Ecology with Special Emphasis on the Development and Application of Individual-Based Models” at Modelagem Ecologica: Bases Teóricas e Epistemológicas conference at the Federal University of Bahia, Salvador, Brazil, July 2012.
- “Fidelity to Law: At Wholesale or Retail?” at the fifth biennial International Legal Ethics Conference in Banff, Alberta, Canada, July 2012.
- “The Environmental Professional” at the Hollins University Conference on Women in Leadership, September 2011.
- “The Explanatory Role of Individual-Based Models in Ecology” at the biennial meeting of the International Society for the History, Philosophy and Social Studies of Biology in Salt Lake City, July 2011.
- Panel discussion on Paul Thompson’s, *The Agrarian Vision*, at the annual meeting of the Association for Practical and Professional Ethics in Cincinnati, March, 2011.
- “*A Modern Legal Ethics* on the Substantive Justification of the Lawyer’s Role and its Implications for Professional Practice”, International Society for Legal Ethics Conference, Stanford, July 2010.
- “Beyond Economic Measures of Well-being”, PIATAM workshop on Sustainable Development and Environmental Preservation in Barcelos, Amazonas, BR., March 2010.
- “The Darwinian Character of Evolutionary Ecology”, University of Toronto’s Darwin conference celebrating the 150th anniversary of the publication of *Origin of Species*, November 2009.
- “Biodiversity and the Goals of Conservation Biology”, European Meeting of the Society for Conservation Biology in Prague, September, 2009.
- “Legal Ethics and Legal Merit”, Third Symposium on International Legal Ethics, Brisbane, Australia, July 2008

“In Search of Community Ecology”, Meeting of the International Society for the History, Philosophy, and Social Studies of Biology in Exeter, U.K., July 2007

“Whither Community Ecology”, Florida State University, October 2006.

“Can the University Teach Ethics?: The Evidence from Moral Psychology”, Conference on “Can the University Teach Ethics?”, Washington and Lee University (co-sponsored with the Murphy Institute, Tulane University) May 2006

“The Agony of Community Ecology”, Second Biohumanities Conference on the Philosophy of Ecology, University of Queensland, Brisbane, Australia, June 2006

“Integrity and Zeal”, Second Symposium on International Legal Ethics, University of Auckland, Auckland, New Zealand, June 2006

“Legal Ethics and the Plural Ends of the Law”, First Symposium on International Legal Ethics, University of Exeter, U.K., June 2004

“Laws in Ecology”, R. E. Lee Colloquium Series, Washington and Lee University, July 2004

“Theoretical Articulation on Population Ecology”, Meeting of the International Society for the History, Philosophy, and Social Studies of Biology in Vienna, Austria, July 2003

“Honorable Professions and Professional Honor”, West Virginia Alumni Chapter of W&L, Washington and Lee University, December 2004

“What Do Ecological Theories Explain?”, University of Tennessee, October 2002

“Vocation in a Secular Context”, Symposium on Vocation, Washington and Lee University, July 2002

“Issues in teaching Ethics to Undergraduates”, Council on Undergraduate Research Conference on Teaching Science to Undergraduates (with David Elms and Jeanine Stewart), Connecticut College, June 2002

“Broad and Narrow Conceptions of Ecosystem Health”, Centro de Tecnologia Mineral, Rio de Janeiro, Brazil, April 2002

“The Internal and External Questions of Professional Ethics”, Symposium on Professional Ethics at Washington and Lee University, April 2002

“The Problem of Dirty Hands”, Southern Virginia University, October 2001

“On the Relationship Between Ecology and Evolution”, Florida State University, October 2001

“Unification and Theoretical Explanation in Ecology”, Meeting of the International Society for the History, Philosophy, and Social Studies of Biology, Quinnipiac University, July 2001

“Laws and Scientific Explanation”, Washington and Lee University, October 2000

“Ecosystem Integrity”, Washington and Lee Environmental Luncheon Series, April 2000

“Ecosystem Management, Environmental Values, and Lake Issyk Kul”, NATO Advanced

- Research Workshop, Lake Issyk Kul, Cholpon Ata, Kyrgyzstan, September 2000
- “Ecological Modeling and Ecological Laws”, Meeting of the International Society for the History, Philosophy, and Social Studies of Biology in Oaxaca, Mexico, July 1999
- “Ecosystem Integrity and Environmental Policy”, University of South Carolina, February 1999
- “Legal Ethics and the Problem of Dirty Hands”, Washington and Lee University, February 1999
- “Ecological Understanding and Environmental Values”, St. Lawrence University, January 1999
- “Biological Knowledge and Social Responsibility”, Symposium on Ethics and the Biomedical Sciences, Duke University Marine Lab, Beaufort, North Carolina, August 1998
- “Scientific Explanation in the Absence of Laws”, Clemson University, February 1998
- “Nomic Force and Scientific Generalizations”, Symposium on Laws of Nature at the Eastern Division Meeting of the American Philosophical Society, Washington, D.C., December 1997
- “Theories as Tools: On the Controversies Over Theoretical Modeling in Ecology”, Colloquium in History and Philosophy of Science at the University of Minnesota, November 1997
- “Ecological Knowledge and Environmental Decisions”, Eastern Division Meeting of the American Philosophical Association, Atlanta, December 1996
- “The Controversy Over Theoretical Modeling in Ecology”, Conference on the Philosophy of Ecology, University of Guelph, Guelph, Ontario, Canada, October 1996
- “Theoretical Explanation and Biological Laws”, Biennial Meeting of the Philosophy of Science Association, Cleveland, Ohio, October 1996
- “Ecology: The Science of the Struggle for Existence”, Zoology Department Colloquium Series, University of Guelph, Guelph, Ontario, Canada, March 1996
- “The Ecological Foundations of Ecosystem Integrity”, International Conference on Environmental Ethics and Philosophy of Ecology, Cortona, Italy, August 1995
- “Are There Laws of Nature in Biology?”, 10th International Congress for Logic, Methodology and Philosophy of Science, Florence, Italy, August 1995
- “Optimality and Ecological Understanding”, Meeting of the International Society for History, Philosophy, and Social Studies of Biology, Leuven, Belgium, July 1995
- “Ethics and the Environmental Professional”, Symposium for Friends of Duke University, Durham, North Carolina, January 1994
- “Advocacy versus Objectivity in Environmental Journalism”, Conference of the Society for Environmental Journalists, Durham, North Carolina, October 1993
- “The Lure of Deductivism for Theories of Scientific Explanation”, Pacific Division of the American Philosophical Association, San Francisco, March 1993
- “On the Relevance of Ecology to Environmental Ethics”, Meeting of The American Association

for the Advancement of Science, Boston, February 1993

“Generalizations in Ecology: A Philosophical Taxonomy”, Duke University Populations Genetics Discussion Group, Durham, North Carolina, March 1992

“On the Nature of Theoretical Inquiry in Community Ecology”, Biennial Meeting of the Association for the History, Philosophy, and Social Studies of Biology, Evanston, Illinois, July 1991

“The Explanatory Tools of Theoretical Population Biology”, Biennial Meeting of the Philosophy of Science Association, Minneapolis, Minnesota, October 1990

“Theoretical Modeling in Ecology”, Potsdam College Learning and Research Symposium, Potsdam, New York, March 1990

“Abundance and Adaptation”, Biennial Meeting of the Association for the History, Philosophy, and Social Studies of Biology, London, Ontario, Canada, July 1989

“Thomas Kuhn’s Philosophy of Science: A Paradigm in Crisis?”, Potsdam College Philosophy Colloquium Series, Potsdam, New York, November 1988

“Fitness and Explanation”, Biennial Meeting of the Philosophy of Science Association, October 1988

“Environmental Ethics and Objects of Moral Consideration”, Potsdam College, Potsdam, New York, April 1988

“Towards a Philosophy of Ecology”, Cornell College, Mount Vernon, Iowa, April 1987

Honors, Grants and Awards

Lenfest Summer Grant Recipient, Washington and Lee University	2010 - 2014
Glenn Grant Fellowship, Washington and Lee University	2001
Associated Colleges of the South Environmental Studies Grant	2000
Glenn Grant Fellowship, Washington and Lee University	2000
University Research Council Grant, Duke University	1993
University Research Council Grant, Duke University	1992
NEH Summer Scholar Program, Potsdam College	1990
Dissertation Fellowship, University of Minnesota	1986 - 1987

Courses Taught

Washington and Lee University 1999 - present

Undergraduate Supervision

Washington and Lee Honors Theses

Advisor, Gregory Bekaris, "A Virtue Ethics Approach to Legal Ethics" 2011
Advisor, Morton Wendelbo, "Mitigating the Disconnect Between Sound Science and Environmental Policy: the Case for an Independent EPA" 2012
Advisor, Emily Zankman, "Enlightened Anthropocentrism" 2013

Washington and Lee Environmental Studies Capstones

Advisor, Virginia Pritchett, "Is Allowing Virginia Counties to Develop Their Own Bounties on Coyotes an Effective Policy?" 2012
Advisor, Diana Rezende, "Environmental Ethics and Brazilian Policy on Biodiversity Conservation" 2014

International Supervision

Advisor, Diana Rezende's visit under the Brazilian Science Without Borders Program 2013 - 2014
Supervisor, Diana Rezende's summer internship on ecosystem integrity 2014

Independent Studies and Majors

Co-supervised (with James Kahn) Danielle Breidung's independent study: "On the Shortcomings of Purely Economic Measures of Well-Being" 2012
Co-supervised (with Paul Cabe) Cara Palazzolo's independent study on "Genetics and Sexual Orientation" (Phil 403) 2003
Supervised Cara Palazzolo's independent major in Medical Ethics Graduated 2003

Ethics Institutes at Washington and Lee

Medical Ethics Institutes (11) 2000, 2002 - 2011
Legal Ethics Institutes (10) 2000 - 2002, 2005 - 2011
Business Ethics Institutes (4) 1999 - 2003

Directorship of Interdisciplinary Programs

Director, Society and the Professions Program in Ethics	1999 - 2011
Director, University Scholars Program	2001 - 2010

Departmental and Program Service

Philosophy Major and Minor Advisor	2011 - present
Environmental Studies Major and Minor Advisor	2010 - present
Philosophy Pre-Tenure Review Committee (2)	2010, 2013
Philosophy Tenure and Promotion Review Committee (4)	2006, 2008, 2010, 2011
Philosophy Faculty Search Committee (2)	2008, 2011
Environmental Studies Faculty Search Committee (2)	2009, 2010
Search Committee for Director of the Environmental Studies Program	2001

University Service

Washington & Lee University

Advisory Committee, Environmental Studies Program	2000 - present
Advisory Committee, Roger Mudd Center for Ethics	2013 - present
Search Committee, Roger Mudd Center for Ethics Post-Doc	2014
Johnson Scholarship Interviewer	2014
Session Chair, Nicholass Rupke's conference "Newton's Apple and Other Historical Myths About Science" (May 8 - 11)	2014
Search Committee, Roger Mudd Center for Ethics Administrative Assistant	2013
First Year Advisor	2011 - 2013
Search Committee, Roger Mudd Center for Ethics Director	2012, 2013
Roger Mudd Center for Ethics University Planning Committee	2011
University Scholars Advisory Committee	2011
Advisory Committee for the Institute for Honor,	2000 - 2009
Chair of the Committee for the Teagle Foundation Grant for Value-Added Assessment in Ethics Education	2005 - 2008
Advisory Committee for the Shepherd Program for the Interdisciplinary Study of Poverty and Human Capability	2004 - 2007
Institutional Animal Care and Use Committee	2003 - 2007
Committee for the development of a W & L Washington D.C. Center	2004 - 2005

Interdisciplinary Programs Committee	2004 - 2005
Search Committee, Dean of the College	2002 - 2003
Search Committee, Knight Professorship in Journalism Ethics	2002 - 2003
Committee for the Lilly Initiative on Vocation	2002 - 2003
Williams School Strategic Planning Initiative (facilitated by Ernst and Young)	2002
Williams School Strategic Planning Committee on Integrating Values into the Williams School Curriculum	2002 - 2003
Search Committee, Director of the Environmental Studies Program	2000 - 2001

Duke University

Board of Directors of Duke Center for Applied Ethics, Duke University	1993 - 1999
Member of Advisory Committee of Duke Environmental Science and Policy Major, Duke University	1992 - 1999
Graduate Recruitment Officer, Duke University	1991 - 1999
Focus Program: Director of Program in Evolution and Human Kind, Duke University	1994 - 1995
Advisor at Pre-Major Advising Center, Duke University	1993 - 1995

SUNY-Potsdam

Faculty Coordinator for Critical Thinking, SUNY-Potsdam	1989 - 1991
General Education Committee, SUNY-Potsdam	1988 - 1991
Department Representative to the Faculty Assembly, SUNY-Potsdam	1988 - 1991
Faculty Adviser for the Philosophy Forum and the Philosophy Honors Society, SUNY-Potsdam	1988 - 1991

Professional Service

Referee: *Philosophy of Science, Biology and Philosophy, American Naturalist, Bioscience, Ecology, Perspectives on Science, Ethics, Place, and Environment*, University of Chicago Press, Blackwell Publications

Member: Association for Practical and Professional Ethics, Association for the History, Philosophy and Social Studies in Biology, Society for Conservation Biology, International Society for Environmental Ethics

Director, NEH Faculty Summer Seminar, SUNY Potsdam, "Values and Environmental Policy", June - July, 2001.

Served as external reviewer for "Integrando Níveis de Organização em Modelos Ecológicos

Preditivos: Aportes da Epistemologia, Modelagem e Investigação Empírica” (“Integrating Levels of Organization in Predictive Ecological Models: Contributions from Epistemology, Modeling, and Empirical Studies”) at the Federal University of Bahia in Salvador, Brazil

External Tenure Reviewer for University of Iowa, Lewis and Clark College, Hofstra University, and Western University Canada

Community Service

Stonewall Jackson Hospital Ethics Committee	2004 - 2012
Hays Creek Water Quality Steering Committee	2010 - 2011