

CLARK WOLF

Director of Bioethics
Associate Chair, Graduate Program in Sustainable Ag.
Professor of Philosophy
Professor of Political Science (Courtesy)
Women and Gender Studies, Affiliated Faculty

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ACADEMIC EMPLOYMENT

Iowa State University, Director of Bioethics, Professor of Philosophy. 2008--present
Iowa State University, Director of Bioethics, Associate Professor of Philosophy. 2003-2008
University of Georgia, Associate Professor of Philosophy, 1998-2003
University of Innsbruck, Visiting Associate Professor, Summer 2002
University of Georgia, Assistant Professor of Philosophy, 1992-1998
University of Colorado, Visiting Assistant Professor, Spring 1997

EDUCATION

Ph.D. Philosophy. University of Arizona, 1993
Committee: Joel Feinberg (Director), Allen Buchanan, Jean Hampton
Dissertation: *Justice Between Generations*
University of Pittsburgh, *Scaife Fellow in Economics*. 1990-1991
M.A. Philosophy. University of Arizona, 1989
Committee: Julia Annas (Director), Joel Feinberg, Ron Milo
Thesis: "Paradoxes of Voluntariness and Ignorance in Plato's *Laws*"
Mus.B. Music Performance, Music History. Oberlin Conservatory of Music. 1986
B.A. Philosophy. With *Highest Honors*. Oberlin College 1986
Institut Supérieur Pédagogique, Bukavu Zaïre. 1984 (Nondegree)

AREAS OF SPECIALIZATION

Political Theory, Philosophy of Law, Bioethics, Ethical Theory, Practical Ethics

AREAS OF COMPETENCE

Philosophy of Economics, Rationality/Rational Choice, Aesthetics

GRANTS AND SPONSORED RESEARCH

Note that this list includes both funded and unfunded proposals.

1. 2018-2023. Proposal 2017-08623 USDA-NIFA "Identifying Gaps in Public Trust and Governance Recommendations for Gene-Edited Foods." Carmen Bain, PI. Jeff Wolt, Michael Dahlstrom, Theresa Selfa, **Clark Wolf**, CO-PIs. \$494,513.00 over 3 years. **(Currently underway)**
2. 2017. Decision Support Strategies for Food/Energy/Water System Sustainability using Incentive and Policy Structures. Amy Kaleita-Forbes, PI. **Clark Wolf**, James Oliver, Ali Abbas, Peng Wei, Hanumanthrao Kannan, CO-PIs. NSF \$2,499,292.00 over 5 years. **(Currently underway)**
3. 2017. Evaluating the Success of RCR Training: Development, Validation, and Application of an Assessment Tool. **Clark Wolf, PI.** Patrick Armstrong, Nancy Boury, Nicholas Peters, Mack Shelley, Co PIs. NSF. \$581,570 over 6 years. **(Currently underway)**

4. 2016. Cyber-Physical System Autonomy. Christina Bloebaum, Eliot Winer, Ran Dai, Peng Wei, Akash Vidyadharan, Hanumanthrao Kannan, **Clark Wolf**. (NSF CPS program, returned for revision)
5. 2016. Decision Analysis for Autonomous Unmanned Aerial Systems Programming and Regulation. (final title pending). Participants: Christina Bloebaum, Eliot Winer, Ran Dai, Srikanta Tirthapura, Leifur Leifsson, Kristin Yvonne Rosier, Sharma Rahnikant, **Clark Wolf**, James Oliver, Hunumanthrao Kannan. (submitted to NASA's Aeronautics Research Mission Directorate (ARMD) University Leadership Initiative, returned for revision.)
6. 2016. "The History, Ethics, and Representations of Debt." William Carter and Kate Padgett Walsh, co-directors. (National Endowment for the Humanities, Under Review. Note: This is not a science grant.)
7. 2016. "Big Data Brain Initiative." (Anumantha Kanthasamy, PI. Auriel Willette, Co-PI. Senior Investigators, Arthi Kanthasamy, Vellareddy Anatharam, David Jiles, Ranjan Maitra, Baskar Ganapathysubramanian, Mary Greenlee, Albert Jergens, Marian Kohut, Surya Mallapragada, Balaji Narasimhan, Manju Reddy, Don Sakaguchi, Ann Smiley-Oyen, Elizabeth Stegmoller, **Clark Wolf**) \$600,000 over 3 years. (ISU-PIIR Grant Program, Funded)
8. 2016 "Decision analysis and Public Policy: INFEWS/T2: Cyber-based Decision Support Strategies to Achieve Consensus for FEW Systems and Sustainability using Incentive and Policy Structures" Christina Bloebaum, PI. Co-PIs: Ali Abbas, Amy Kaleita, James Oliver, **Clark Wolf**. \$773,909 over 3 years. (NSF, returned for revision))
9. 2016. "Genome Editing and Outreach for Secondary School Teachers and Education Professionals." Jeff Wolt, PI. With Yang Bing, **Clark Wolf**, Kan Wong, David Wright, Michael Zeller. (National Institute of Food and Agriculture, Agriculture and Food Research Initiative (AFRI). 10/2017 – 9/2018. 73,046 over one year. Not funded.)
10. 2015 "Holistic Data-Driven Unmanned Aerial Systems for Precision Agriculture." Christina Bloebaum, PI. Co PIs: Ran Dai, Mingyi Hong, Amy Kaleita, James Oliver, Lie Tang, Peng Wei, Eliot Winer, Richard Wlezien, **Clark Wolf**. \$537,117 over 3 years. ISU-PIIR Grant Program. (Accepted with funding, then rescinded).
11. 2015. "Creating a Culture of Integrity in Laboratory Research." (\$590,000) Clark Wolf, PI. Alex Tuckness, Steve Freeman, Steven Simpson, Jonathan Wickert, Co-PIs. (Ranked fundable, not funded).
12. 2014 "Creating a Culture of Integrity in Laboratory Research." (\$400,000) Clark Wolf, PI. Alex Tuckness, Steve Freeman, Steven Simpson, Co-PIs. (National Science Foundation, Submitted, ranked fundable but not funded).
13. 2013 NSF-REU: Research and Education in Harnessing Biorenewable Energy Flows. Song-Charng Kong, PI. (National Science Foundation)
14. 2013-16 "Crop Bioengineering Consortium." ISU Presidential Initiative for Interdisciplinary Research. (Funded. \$746,999 over three years.)
15. 2013 "Renewable Energy, Transportation, and Water Infrastructure: Policy and Social Perspectives." Workshop grant submitted to NSF. James McCalley, PI. David Peterson, Lulu Rodriguez, Clark Wolf Co-PIs. (Total budget: \$72,819)
16. 2012-2016 "Cases for Teaching Responsible Science Communication." Submitted to NSF. Jean Goodwin PI, Michael Dahlstrom, Mari Kemmis, and Clark Wolf, Co-PIs. (Funded 2012. Total Budget: \$254,157 over 3 years)
17. 2012 "Mycrobial Systems Engineering for Production of Hydrocarbons." Submitted to US Dept. of Energy. Jaqueline Shanks, PI. Co-PI for ELSI Component: Clark Wolf. (Total Budget: \$6,596,542.00 over 5 years.) (Not funded)
18. 2012 (Submitted, not funded) "Multi-Genic Modifications of Membrane Composition and Functionality to Assure Stress Response and Cellulose Production in Energy Crops." William Beavis, PI. Submitted to US Dept. of Energy. ELSI team: Michael Dahlstrom, Clark Wolf, Jeff Wolt. (Total Budget: \$15,244,206.00 over 5 years.)
19. 2012 "Reducing Bias in Biomedical Literature." Submitted to NIH. Annette O'Connor, PI., with Clark Wolf, Philip Dixon, Suzanne Millman, Beth Miller, Douglas Bonett, CO-PIs. (Total Budget: \$355,151 over 2 years) (Not funded)
20. 2011. Wind Energy and Public Policy. (Full Title?) NSF IGERT program. James McCalley, PI. (Funded)
21. 2010-2011-2012-2013 Nanotechnology in Undergraduate Education. NSF REU Grant, Sriram Sundrarajan, PI. ISU School of Engineering.
22. 2004 Pioneer Hi-Bred. Research Grant for work on Intellectual Property. (With Dermot Hayes and Sergio Lence, \$50,000) (Funded)
23. 2003 Research Fellow, ISU Institute for Science and Society.
24. 2000 Values At Sea: Environmental Ethics for Marine Ecosystems. NSF Grant. SBR-9729435. Co-PI with Dorinda Dallmayer, Robert Hodson, Mac Rawson, Frank Golley, Ben Blount. (Funded. \$98,399 over 3 years)
25. 1994-95 University of Georgia Fellowship for Humanities Research.
26. 1992, 1994, 1995. University of Georgia Research Foundation Grant (Summer sessions).
27. 1991 Dissertation Research Fellowship, University of Arizona.
28. 1990-01 Scaife Fellowship in Philosophy and Economics, University of Pittsburgh.

PUBLICATIONS

Books and Edited Volumes

1. Alex Tuckness & Clark Wolf. 2016. *This is Political Philosophy*. Wiley/Blackwell.
2. 2018. *Broadview Anthology of Social and Political Thought: From Machiavelli to Nietzsche*. A. Bailey, S. Brennan, W. Kymlicka, J. Levey, A. Sager, C. Wolf. Eds. Broadview Press.
3. 2012. *Broadview Anthology of Social and Political Thought: Essential Readings*. A. Bailey, S. Brennan, W. Kymlicka, J. Levey, A. Sager, C. Wolf, Eds. Broadview Press.
4. 2008. *Broadview Anthology of Social and Political Thought, Vol. I: Plato to Nietzsche*. A. Bailey, S. Brennan, W. Kymlicka, J. Levey, A. Sager, C. Wolf, Eds. Broadview Press.
5. 2008. *Broadview Anthology of Social and Political Thought, Vol. II: The 20th Century and Beyond*. A. Bailey, S. Brennan, W. Kymlicka, J. Levey, A. Sager, C. Wolf, Eds. Broadview Press.
6. 2007. *New Waves in Applied Ethics*. J. Ryberg, T. Peterson, C. Wolf, Eds. Palgrave Publishing Co.
7. 2001. *Introduction to Philosophy*. Co-authored/edited web Text. S. Rieber, S. Wiedeman, C. Wolf, Eds. (Written in Web-CT, Copyright held by Regents of the University System of Georgia.)
8. 2000. *The Idea of a Political Liberalism*. V. Davion and C. Wolf, Eds. Rowman & Littlefield.
9. 2000. *Environmental Protection and Economic Development in Poor Countries*. Guest edited issue of *Ethics and the Environment*. 5(1): Spring 2000.

Research Papers (All publications peer reviewed unless otherwise indicated.)

1. 2023. Liberal Dependency Care versus Subject-Centered Liberal Justice. *Dialogue*. (Forthcoming)
2. 2022. Public Trust and Biotech Innovation: A Theory for Trustworthy Regulation of (Scary!) Technology. *Social Philosophy and Policy*. Vol. 38 no.2. pp. 29-49.
3. 2021. Intergenerational Justice and Equality. In Stephen Gardiner, Ed. *Oxford Handbook of Intergenerational Ethics*.
4. 2019. "Displacing the Productionist Paradigm." *Ethics, Policy, and Environment*. 23 Aug 2019. pp. 1-8
5. 2018. Wolt, Jeffrey, and **Wolf, Clark**. Policy and Governance Perspectives for Regulation of Genome Edited Crops in the United States. *Frontiers in Plant Science*. Vol 9. pp. 1-12.
6. 2018. Sustainability and the Currency of Intergenerational Obligations: Norton, Solow, Rawls Mill, and Sen on Problems of Intergenerational Allocation. In Sahotra Sarkar and Ben Minter, Eds. *Environmental Pragmatism: Essays on Bryan Norton*.
7. 2018. Sustainable Agriculture. in Tyler Doggett, Ann Barnhill, and Mark Budolfson, eds, *The Oxford Handbook of Food Ethics*. (11465 words)
8. 2015. Patent Fairness and International Justice. *World Intellectual Property Organization Journal*. 7(1):62-72.
9. 2014. Goodwin, Jean, Dahlstrom, Michael F., Kemis, Mari, **Wolf, Clark**, & Hutchison, Christine. (2014). Rhetorical Resources for Teaching Responsible Communication of Science. *Poroi*, 10(1), 1-6. Retrieved from <http://ir.uiowa.edu/poroi/vol10/iss1/7/> (Not peer reviewed)
10. 2013. Goodwin, Jean, Dahlstrom, Michael, Kemis, Mari, **Wolf, Clark**, & Hutchison, Christine. (2013). A preliminary report on cases for teaching responsible communication of science. In Jean Goodwin, Michael F. Dahlstrom, & Susanna Priest (Eds.), *Ethical issues in science communication: A theory-based approach* (pp. 71-79). Charleston, SC: CreateSpace.
11. 2013. Intergenerational Distributive Justice. In J. Gaus and F. D'Agostino, Eds, *Routledge Companion to Social and Political Philosophy*. Routledge. pp. 467-479.
12. 2012. Environmental Ethics, Future Generations, and Environmental Law. In A. Marmor, ed. *Routledge Companion to the Philosophy of Law*. pp. 397-414.
13. 2011. Scientific Liberty and the Public Regulation of Science. In D. Scott, ed. *Debating Science*. Prometheus Press. pp. 83-99.
14. 2010. Intergenerational Justice and Saving. In J. LaMont, K. Favor, and J. Gaus, eds., *Values, Justice, and Economics*. Stanford University Press. pp. 269-290.
15. 2009. Do Future Persons Presently Have Alternative Possible Identities? in M. Roberts and D. Wasserman, eds. *Harming Future Persons: Ethics, Genetics, and the Non-Identity Problem*. Springer. pp. 93-114.
16. 2009. Intergenerational Justice, Human Needs, and Climate Policy. In A. Gosseries and L. Meyer, eds. *Justice Between Generations*. Oxford University Press. pp. 347-376.
17. 2009. Immigration, Exploitation, and the Market for Bodily Organs. In S. Shapshay and M. Brannigan, eds. *Bioethics and Film*. Johns Hopkins Press. pp. 170-185.
18. 2008. Justice and Intergenerational Debt. *Intergenerational Justice Review*. Vol. 2. pp. 13-17. (Not peer-reviewed)
Reprinted in Keller, D. 2010. *Environmental Ethics*. Wiley-Blackwell.
19. 2007. Labeling GE Foods: Rights, Risks, and Institutional Options. In P. Weirich, ed., *Labeling Genetically modified Food*. Oxford University Press.

20. 2006. Bioethics and Global Environmental Change. *Journal of Public Affairs*. IX(1) pp. 1-30.
21. 2005. Rights, Reason, and Value: Frederic Ferré's Organic Theory of Natural Value. In G. Allen and M. Allshouse, eds., *Knowing, Living, and Being*. Lexington/Rowman & Littlefield. pp. 159-176.
22. 2004. O Repugnance, Where is thy Sting? On the Neutral Level of Existence and Parfit's Repugnant Conclusion. In J. Ryberg and T. Tännsjö, eds., *The Repugnant Conclusion*. Kluwer. pp. 61-80.
23. 2003. Environmental Ethics and Marine Ecosystems. In D. Dallmayer and P. Hartel, eds., *Values at Sea: Environmental Ethics and Marine Ecosystems*. University of Georgia Press. pp. 19-32. (Not peer-reviewed)
24. 2003. Intergenerational Justice. In R. Frey and C. Wellman, eds., *Blackwell Companion to Applied Ethics*. Blackwell. pp. 279-294.
25. 2002. Population Growth and Intergenerational Justice. In D. Schmidtz and E. Willot, eds. *Environmental Ethics*. Oxford University Press. pp. 267-273.
26. 2001. Sustainability, Biodiversity, and the Reintroduction of Wolves. In B. Norton and V. Sharpe, Eds., *Wolves and Human Communities*. Washington DC: Island Press. pp. 233-253.
27. 2001. "Population." In D. Jamieson, ed., *Blackwell Companion to Environmental Philosophy*. Blackwell. pp. 362-376.
Reprinted in L. Pojman, *Environmental Ethics*. (Wadsworth)
28. 2000. "Fundamental Rights, Reasonable Pluralism, and the Moral Commitments of Political Liberalism." In V. Davion and C. Wolf, eds., *The Idea of a Political Liberalism*. Rowman & Littlefield. pp. 102-126.
29. 2000. From Comprehensive Justice to Political Liberalism. (Co-Authored with V. Davion) In V. Davion and C. Wolf, Eds., *The Idea of a Political Liberalism*. Rowman & Littlefield. pp. 1-15. (Not peer reviewed)
30. 1999. Property Rights, Resource Use, and Intergenerational Justice: A Response to Brock. *Ethics and the Environment*. 4(1). pp. 107-113.
31. 1999. Health Care Access, Population Ageing, and Intergenerational Justice. In H. Lesser, Ed. *Ageing, Autonomy, and Resources*. Ashgate Publishers. pp. 212-245.
32. 1999. Power and Equality in Intimate Relationships. In J. Kuypers, Ed., *Men and Power*. Fernwood Publishing Company. 127-145.
33. 1997. Person Affecting Utilitarianism and Population; or, Sissy Jupe's Theory of Social Choice. In J. Heller and N. Fotion, Eds., *Contingent Future Persons*. Kluwer. pp. 99-122.
34. 1997. Property Rights, Economic Inequalities, and International Obligations. In H. LaFollette, Ed., *Ethics in Practice*. Blackwell Publishers. Pp. 559-570.
35. 1996. Markets, Justice, and the Interests of Future Generations. *Ethics and the Environment*. 1(2) pp. 153-175.
36. 1996. Social Choice and Normative Population Theory: A Person-Affecting Solution to Parfit's Mere-Addition Paradox. *Philosophical Studies*. 81(2-3) pp. 263-282.
37. 1995. "Contemporary Property Rights, Lockean Provisos, and the Interests of Future Generations." *Ethics*. 105(4):791-818.
Reprinted in Steve Vanderheiden, Ed. 2012. *Environmental Rights: International Library of Essays on Rights*. Ashgate Publishers. pp. 395-422.
38. 1995. Liberalism and Fundamental Constitutional Rights. *Arizona Law Review*. 37(1) pp. 185-195.

Encyclopedia Entries

1. 2019. *Biotechnology*. In Hugh LaFollette, ed. *International Encyclopedia of Ethics*. Blackwell Publishers.
2. 2014. "Intellectual Property and Food." *Encyclopedia of Food Ethics*. Springer. (3,500 words)
3. 2013. "Biotechnology." In Hugh LaFollette, ed. *International Encyclopedia of Ethics*. Blackwell Publishers. (Word count: 4354 words)
4. 2009. "Intergenerational Justice." In B. Callicott and R. Froedeman, eds, *Encyclopedia of Environmental Ethics*. Gale Publishing Co. pp. 518-525.
5. 1998. "Theories of Justice: Human Needs." In R. Chadwick, *Encyclopedia of Practical Ethics, V. 4*. Academic Press. Pp. 335-345.

Short Articles

(Most not subject to rigorous peer-review. *Bioethics in Brief* reviewed by the Director of the ISU Office of Biotechnology.)

1. 2017. Sustainability and Sustainable Agriculture. *Bioethics in Brief*. (May 2017)
2. 2017. The Ethics of Human Germline Genetic Editing. (Sept 2017)
3. 2016. "Should we Bring Back the Woolly Mammoth?" *Bioethics in Brief*. (May 2016)
4. 2016. "Editing the Human Future." *Bioethics in Brief*. (February 2016)
5. 2015. "Abortion and Women's Health Care at the Supreme Court." *Bioethics in Brief*. (November 2015)
6. 2015. "Getting New Agricultural Varieties To Those who Need Them Most: Intellectual Property Rules and the Needs of Poor Farmers in the Developing World" *Bioethics in Brief* (March 2015).

7. 2014. "Disproportionate Civilian Casualties and International Law: When is it OK to Kill Innocent Civilians?"
8. 2014. "Religion and the Politics of Medical Care." *Bioethics in Brief*. (March 2014).
9. 2013. "Human Gene Patents at the Supreme Court: Does it Matter if Genes are Patentable?" *Bioethics in Brief*. (Sept 2013).
10. 2013. "Science, Law, and the Politics of Birth Control." *Bioethics in Brief*. (May 2013)
11. 2013. "Can Human Genes be Patented?" *Bioethics in Brief*. (January 2013)
12. 2012. "High-School Biology, Freedom of Conscience, and the First Amendment." *Bioethics in Brief* (November 2012)
13. 2012. "Sustainable Development of Environmental Resources?" *Bioethics in Brief*. (May 2012)
14. 2012. "Interpreting the Precautionary Principle." *Bioethics in Brief*. (February 2012)
15. 2011. "Anthropomorphism as Vice and Virtue." *Bioethics in Brief*. (March 2011)
16. 2010. "Agrarianism v. Sustainable Agriculture: Locovore Mathematics?" *Bioethics in Brief*. (Sept 2010)
17. 2010. "Precautionary Principles and the Cost of Caution." *Bioethics in Brief*. (May 2010)
18. 2010. "A Legal Test for Human Gene Patents: BRCA-1 and BRCA-2." *Bioethics in Brief*. (March 2010)
19. 2009. "Nudges and Incentives for Transplant Organ Donation." *Bioethics in Brief*. (Nov. 2009)
20. 2009. "Ethics of Health Care Reform." *Bioethics in Brief*. (Sept. 2009)
21. 2009. "Technology, Policy, and Values: Toward a New Bioethics for the 21st Century." *Innovate Magazine*. (Spring 2009)
22. 2009. "Fear of Novelty?" *Bioethics in Brief*. (May 2009)
23. 2009. "Intelligent Design and Evolutionary Theory in the Science Classroom." *Bioethics in Brief*. (March 2009)
24. 2008. "Food vs. Fuel?" *Bioethics in Brief*. (November 2008)
25. 2008. "Using Case Studies to Teach Bioethics in the Science Classroom." *Bioethics in Brief*. (Sept 2008)
26. 2008. "Biotechnology and Human Improvement?" *Bioethics in Brief*. (June 2008)
27. 2008. "Animal Welfare and Production Agriculture." *Bioethics in Brief*. (March 2008)
28. 2007. "Plants, Patents, Property, and Pirates, Part III: Piracy or Technology Transfer?" *Bioethics in Brief*. (November 2007)
29. 2007. "USDA v. Creekstone Farms: USDA Protects Producers from their own Markets." *Bioethics in Brief*. (Sept. 2007)
30. 2007. "Plants, Patents, Property, and Pirates, Part II: Theft by Patent?" *Bioethics in Brief*. (May 2007)
31. 2007. "Plants, Patents, Property, and Pirates, Part I: Luther Burbank v. Thomas Jefferson." *Bioethics in Brief*. (March 2007)
32. 2006. "A Market for Transplant Organs?" *Bioethics in Brief*. (Nov 2006)
33. 2006. "Stem Cell Research After the Veto." *Bioethics in Brief*. (Sept 2006)
34. 2006. "Risk, Regulation, and Biotechnology: The (Arithmetic) Sum of All Our Fears." *Bioethics in Brief*. (May 2006)
35. 2005. "Monsanto v. Oakhurst Dairy: Are Negative Labels Deceptive?" *Bioethics in Brief*. (Nov 2005)
36. 2005. "An Ode to an Intellectual Otter." In G. Allen and M. Allshouse, eds., *Knowing, Living, and Being*. Lexington/Rowman & Littlefield. pp. 345-349.
37. 2005. "Intellectual Property and the Right to Save Seeds: Monsanto v. Schmeiser." *Bioethics in Brief*. (May 2005)
38. 2004. "Uncounted Costs of Agriculture: Do Iowa Farmers Feed the World?" *Bioethics in Brief*. (May 2004)
39. 2004. "An Ode to the National Debt." *Bioethics in Brief*. (Nov. 2004)
40. 2003. "Border Crossings: Should we Protect Organic Producers from GM Pollen?" *Bioethics in Brief*. (November 2003)
41. 2002. "Poverty, Fertility, and Opportunity: Factors for Intergenerationally Sustainable Development." *Generationensgerechtigkeit*. (Fall 2002)

Reviews

1. 2013. Review of Kathleen Dean Moore and Michael Nelson: *Moral Ground: Ethical Action for a Planet in Peril*. In *Ethics, Policy, and the Environment*. (Co-authored with Beth Rosedatter)
2. 2013. Review of Paul Thompson: *The Agrarian Vision*. *Environmental Ethics*. Vol 35. pp. 251-254.
3. 2011. Review of Gillian Brock: *Global Justice: A Cosmopolitan Account*. In *Political Theory* 9(1) p. 70.
4. 2006. Review of Bernard Rollin: *Science and Ethics*. In *Notre Dame Philosophical Reviews*. 12(4).
5. 2005. Review of Britt Bailey and Marc Lappé: *Engineering the Farm: Ethical and Social Aspects of Agricultural Biotechnology*. In *Great Plains Research*. 15(1) pp. 172-3.
6. 2000. Review of Beth Singer: *Pragmatism, Rights, and Democracy*. In *Ethics*. 110(3).
7. 1999. Review of Kristin Shrader-Frechette: *The Ethics of Scientific Research*. In *Ethics and the Environment*. 4(2) pp. 241-245.
8. 1999. Review of Eric Katz: *Nature as Subject: Human Obligations and the Natural Community*. In *Ethics*. 109(3).
9. 1997. Review of Jonathan Wolff: *Introduction to Political Philosophy*. In *Teaching Philosophy*. 20(4).
10. 1997. Review of Gopal Sreenivasan: *The Limits of Lockean Rights in Property*. In *Teaching Philosophy*. 20(3) pp. 339-343.
11. 1995. Review of John Broome: *Counting the Cost of Global Warming*. In *EECP Perspectives*, Fall issue.
12. 1995. Review of William Ashworth: *The Economy of Nature*, Lytton Keith Caldwell and Kristin Shrader-Frechette: *Policy for Land: Law and Ethics*, and Scott Lehmann: *Privatizing Public Lands*. In *EECP Perspectives*, Spring Issue.

SELECTED PRESENTATIONS

1. Wolf, C. 2022. Regulating Gene-Edited Crops. VISCEA Conference: CRISPR & Plant Genome Editing, Vienna Austria. June 2022.
2. Wolf, C. 2020. "The Ethics of Eating." Invited presentation, part of the Presidential Symposium at the 2020 American Society for Nutrition, annual meeting. Seattle WA/Online.
3. Wolf, C. 2020. Trust and the Regulation of Gene Edited Foods and Crops." Invited presentation, *Social Philosophy and Policy* conference, Hermosa CA 30 April- 2 May, 2020.
4. Wolf, C. 2020. (February 21, 2020. Atlanta Georgia) "Property Rights and Public Justification." Association for Practical and Professional Ethics.
5. Wolf, C. 2019. "Justice and the Future." Invited presentation, Harvard University, Safra Center for Ethics. January 2019.
6. Wolf, C. 2018. "Temporal and Generational Discounting for Sufficiencyarians," and "Sustainability and Intergenerational Justice in Circumstances of Global Environmental Change." University of Nottingham, U.K. Invited Keynote Speaker, Conference on Discounting and Intergenerational Justice. June 2018
7. Wolf, C. 2017. "The Currency of Sustainability." Oxford Symposium on Population, Migration, and the Environment. Oxford University, Oxford UK. 15 March 2017.
8. 2016. Clark Wolf, Jean Goodwin, Mari Kemis, Michael Dahlstrom. Communication Ethics Case Study: Science Headlines. Association for Practical and Professional Ethics, Reston Virginia, February 2016.
9. 2016. Clark Wolf, Jean Goodwin, Mari Kemis, Michael Dahlstrom. Cases for Teaching Science Communication Ethics, Poster Presentation, Association for Practical and Professional Ethics, Reston Virginia, February 2016.
10. 2015. "Ground-Levels in Democratic Agrarianism: Liberty Hyde Bailey's Communitarian Environmental Ethic" Food, Agriculture, and Human Values Conference, Pitt PA 25 June 2015.
11. 2015. "Intellectual Property and Sustainable Agriculture." The Conference on Sustainability, Copenhagen Denmark, January 2015.
12. 2014. "Sustainability: Normative Issues in the Science of Science Communication." IARU Sustainability Science Congress, Copenhagen Denmark, October 2014.
13. 2014. "Climate Change, Intergenerational Justice, and Development." Michigan State University 11 April.
14. 2013. "Risk Perception, Communication, and the Regulation of Biotech Innovation." Ames IA, *Science and Opportunities in using Site-Directed Mutagenesis for Plant and Animal Improvement*. 4 Nov. 2013.
15. 2013. "Political Necessity as a Legal Defense." (Emory University, Spring 2013. Details needed)
16. 2012. "Ethics in Science Communication." Northern Iowa University, College of Humanities, Arts, and Sciences Lecture Series. 25 October 2012.
17. 2012. "Biodiversity, Climate, and International Environmental Law." Philosophy Department Colloquium, University of Minnesota at Mankato, 10 April 2012.
18. 2011. "Science, Policy, and Environmental Management: How to Use Fur Seals to Claim the Bering Sea." ISU Science Communication Colloquium, 1 December 2011.
19. 2011. "Plato on Love and Lust," Alaska Pacific University, Anchorage. 10 Sept.
20. 2011 "Ethics and Moral Decision Making," Alaska Pacific University, Anchorage. 9 Sept.
21. 2011. "How Should We Think About Climate? A Public Symposium." Symposium participants: Chrisoula Andreou, Paul Thompson, Bryan Norton, Clark Wolf. University of Alaska, Anchorage, 8 Sept. 2011.
22. 2011. "Climate, Environmental Management, and Intergenerational Environmental Debt." NSF Conference on Climate Ethics, University of Alaska, Anchorage. 7 Sept. 2011.
23. 2011, "Being Accountable for our Environmental Debt." Interviewed by Kathleen McCoy, 2 Sept. 2011. An edited version of this interview was broadcast as a University of Alaska Anchorage Podcast at: <http://greenandgold.uaa.alaska.edu/podcasts/index.php?id=533>
24. 2011. "Framing, Narratives, and Science Communication." ISU Colloquium on Science Communication. 14 May 2011.
25. 2009. "Authenticity and History in Legal Interpretation and Musical Performance." Department Colloquium, University of Minnesota at Mankato, 30 Oct. 2009.
26. 2009. "Climate Ethics and Justice." Nadine B. Andreas Lecture, University of Minnesota at Mankato, 29 Oct. 2009.
27. 2009. "Exploitation in Intimate Relationships." ISU Women's Studies Program Lecture Series, Fall 2009.
28. 2009. "Torture, Detention, and the Rule of Law." ISU Bioethics Program Colloquium, 17 Sept. 2009.
29. 2009. "Ethics and Biotech Patents." Drake University Summer Institute on Intellectual Property, 20 May 2008.
30. 2009. "The Perception of Long-Term Environmental Change: Cognitive Psychology Meets Environmental Policy." ISU Brunner Art Gallery, Spring 2009.
31. 2008. "International Human Rights," and "Markets and Resource Distribution Over Time," and "Climate as an Exhaustible Resource." Prindle Center For Ethics, DePauw University. 4-7 May 2008.
32. 2008. Interviewed by Farahad Mohammad, published in *The Weekly Gulan*. 28 April 2008.
33. 2008. "Climate Change and Intergenerational Justice." University of Montana, *Debating Science Workshop*. (NSF)
34. 2008. "Supporting the Humanities in a Market-Driven University." ISU Faculty Symposium.

35. 2007. "Climate as an Exhaustible Resource." University of Washington Climate Conference.
36. 2007. "Theft by Patent." Americal Philosophical Association, Pacific Division Meeting.
37. 2006. "Obnoxious Markets and Pernicious Patents." *Patenting People* conference, Cardozo School of Law, 12 November 2006.
38. 2006. "Aesthetic Arguments for Period Performance Practice." International Brass Instrument History Society Meeting, Northfield MN.
39. 2006. "Embryonic Stem Cell Research: Ethics, Politics, and Policy." Iowa Osteopathic Medicine Association, 4 May 2006, Des Moines IA.
40. 2006. "Climate Policy and Intergenerational Justice." American Philosophical Association, Pacific Division Meeting.
41. 2006. "Public Policy and Animal Welfare," and "Justice, Human Rights, and the Future." Missouri State University, Public Policy Forum.
42. 2006. Interviewed by Elizabeth Klinge on Markets for Transplant Organs, Aired Channel 13 News, 6 Feb 2006. Des Moines, IA.
43. 2006. "Climate Change and Intergenerational Equity." U.C. Santa Cruz Forum on the Environment, 20 May 2006.
44. 2005. "Labeling GM Foods: Rights, Interests, Enforcement, and Institutional Options." University Missouri Symposium, 5 Nov 2005.
45. 2005. "Climate Change and Intergenerational Justice." University of Northern Iowa, University of Kansas, Fall 2005.
46. 2005. "Biopiracy and the Misuse of Intellectual Property." Spring Meeting of the Association for Practical and Professional Ethics, San Antonio Tx.
47. 2005. "Public Policy and the Perception of Incremental Environmental Change." Part of Oakland University's *Environmental Quality Forum*, on a panel with Paul Thompson and Bryan Norton. Oakland Michigan, 17 November 2005.
48. 2005. "Biotechnology and Intellectual Property." Pioneer Corporation, DesMoines IA July 2005.
49. 2005. "Global Bioethics, Human Welfare, and the Environment." Keynote address, *Bioethics and Human Excellence*, Symposium at Missouri State University, Springfield Mo., 4-5 March 2005.
50. 2004. "Ethics and Intellectual Property for Life Scientists." Invited lecture, *La Selva* Biological Laboratories, La Selva Costa Rica.
51. "Environmental Ethics and Conservation Ecology." 24-31 June, 2004, La Selva Biological Laboratories, La Selva Costa Rica. [Week-long course and lecture series for NSF REU Students working at La Selva.]
52. 2005. "Farm Subsidies and International Justice." ISU Bioethics Program Retreat, 9 January 2005.
53. 2004. "Bioethics and Public Policy." ISU College of Engineering, 29 January 2004.
54. 2004. "Fairness and Liability for Pollen Drift." Symposium on Coexistence of Organic and Biotech Crops. ISU Bioethics program, 6 November, 2004.
55. 2004. Ethical Issues in Stem Cell Research: Interview on Ch 13 Television, Des Moines IA, 11 October 2004.
56. 2004. "Intellectual Liberty and the Public Regulation of Science." ISU Osbourne Club, 8 November 2004.
57. 2004. "Biopiracy and the Philosophical Foundations of Intellectual Property Rights." ISU Animal Science Program Colloquium, 26 March 2004.
58. 2004. "Industry Funding and Conflict of Interest for Land Grant University Research." Panelist with Charlie Brummer and Ricardo Salvador, NSF *Science Policy Workshop*, 13 May 2004.
59. 2004. "Do U.S. Farm Subsidies Export Poverty to Poor Communities in the Developing World?" ISU Bioethics Program Retreat, 9 January 2004.
60. 2004. "Intellectual Liberty and the Public Regulation of Science." ISU School of Engineering Colloquium, January 2004.
61. 2003. "Integrity in Scientific Research." ISU Life Science Colloquium, Sept 2003.
62. 2003. "The Environmental Consequences of War." Colloquium/Discussion, UGA Center for the Humanities and Arts, 29 January, 2003.
63. 2003. "Intergenerational Justice and Sustainability." ISU Bioethics Colloquium, 17 January 2003.
64. 2002. "Incommensurability and Vagueness in Practical Reason." Georgia Philosophical Association Meeting, Fall 2002.
65. 2002. "Intergenerational Justice and International Policy." At *Generationengerechtigkeit*, a meeting organized by the *Stiftung für Generationengerechtigkeit*, Summer 2002, Tutzing Germany.
66. 2002. "A Comment on Allen Coates's 'Direction of Fit and Inferential Norms.'" Southern Society for Philosophy and Psychology. Spring 2002, Nashville Tn.
67. 2001. "Intergenerational Justice and Saving." American Political Science Association Meeting, Fall 2001, San Francisco CA.
68. 2001. "Environmental Justice and Future Generations." Philosophy Department Colloquium (invited), Dowling College, New York, Spring 2001.
69. 2001. "Environmental Justice and Future Generations." Philosophy Department Colloquium (invited), State University of New York at Binghamton, Spring 2001.
70. 1999. "Sustainable Resource Use, Intergenerational Justice, and the Problem of Just Saving." Presentation for a combined meeting of the *Society for Applied Philosophy* and the *International Society for Environmental Ethics*, Mansfield College, Oxford UK, June 1999.

71. 1999. "Environmental Ethics and Marine Ecosystems." NSF "State of the Art" Conference on Marine Environmental Ethics, University of Georgia, Summer 1999.
72. 1999. "Ethics and Biotech Policy," and "Intimacy and Exploitation." Philosophy Department Colloquium, University of Wisconsin at Madison, Spring 1999.
73. 1998. "Biodiversity and Intergenerational Justice." Hastings Center Conference on *Wolves and Human Communities*, Museum of Natural History, New York, New York October 1998.
74. 1998. "Justice Between Generations." International Economics and Philosophy Society Meeting, World Congress of Philosophy, Boston MA August 1998.
75. 1998. "Misconduct in Science: A Critique of the Ryan Report Standard." Department of Physics Colloquium Series, East Tennessee State University, January 1998.
76. 1997. "Population Growth, Human Fertility, and Economic Development." Conference on *Women and Population Politics*, Center for Ethics and Public Policy, University of Colorado at Boulder. October 1997.
77. 1997. "Person-Affecting Utilitarianism and Population Policy." Center for Ethics and Public Policy, U.C. Boulder (January 1997), University of Georgia (Sept 1997).
78. 1997. "Standards for Misconduct in Science." NSF REU for South Eastern Association for Research in Astronomy. Valdosta State University, August 1997.
79. 1996. "Ethics in Scientific Research." NSF REU for South Eastern Association for Research in Astronomy, University of Georgia, June 1996.
80. 1996. "Cultural Preservation, National Self-Determination, and Individual Liberty." Phi Beta Kappa Lecture, University of Georgia, June 1996.
81. 1996. "Markets, Justice, and the Interests of Future Generations." American Philosophical Association Central Division Meeting, International Economics and Philosophy Society Meeting, Chicago IL. Spring 1996.
82. 1996. "Population Growth and Intergenerational Justice." American Philosophical Association, Pacific Division Meeting, Society for Philosophy and Public Affairs, Spring 1996. Seattle Wa.
83. 1995. "The Value of What We Do Not Know: Decision Framing and the Problem of Unpossessed Information." American Philosophical Association, Central Division Meeting (Spring 1995), Southern Society for Philosophy and Psychology (Spring 1995).
84. 1995. "A Kantian Solution to Parfit's Mere-Addition Paradox." American Philosophical Association, Pacific Division Meeting, San Francisco Ca., Spring 1995.
85. 1995. "How Many People Should There (Ever) Be?" Georgia State University Philosophical Forum, March 1995.
86. 1995. "Justice Between Generations." University of Georgia, Humanities Center Lecture Series, January 1995.
87. 1994. "Moral Skepticism and Incontinent Disbelief." Comment presented at the Central States Philosophy Conference, Vanderbilt University, October 1994.
88. 1994. "For the Common Good." National Public Radio interview with World Bank economist Herman Daily, aired nationally on NPR's *The Bigger Picture*, Spring 1994.
89. 1994. "Rational Revisability and Constitutive Commitments in Liberal Theory." University of Georgia, Philosophy Colloquium, Spring 1994.
90. 1993. "Do We Really Need an Environmental Ethic?" Environmental Action Committee Colloquium, University of Georgia, fall 1993.
91. 1993. "Economic Markets for Environmental Goods: Pricing the Priceless?" University of Georgia, Environmental Ethics Certificate Program Lecture Series, Spring 1993.
92. 1992. "Paradoxes in the Theory of Optimal Population." Job Interview presentation, University of Georgia (and elsewhere), Spring 1992.
93. 1992. "The Social Provision of Health Care: Rationing and Rights." University of Arizona School of Nursing, Spring 1992.
94. 1991. "Decision Framing and the Limits of Rationality." University of Arizona, Philosophy Department Colloquium, Fall 1991.

SELECTED CONFERENCES, SYMPOSIA, AND SPEAKER SERIES ORGANIZED

1. Regulation and Acceptance of Gene Edited Foods—Online Conference sponsored by USDA-NIFA, 20-21 October, 2020. <https://geneeditedfoods.soc.iastate.edu/conference/>
2. Bioethics Program Retreats, ISU Bioethics Program. (In different years, topics have included "Ethics, Justice and Health Care Policy," "Biofuels and International Justice," "Intellectual Property and Biotechnology," "Do Iowa Farm Subsidies Export Poverty to Developing Nations?" and other topics.
3. Bioethics Program Lecture series organizer, 2003-Present. Speakers have included Gregory Pence, Bryan Norton, Paul Thompson, Jonathan Balcomb, Hugh LaFollette, Gary Comstock, Michael Pollon, Kathleen Dean Moore, Baird

- Callicott, Peter Yu, Rich Howarth, Mark Rigstad, Mark Hansen, Mark Kende, Camilla Taylor, Marsha Ternus, Alex Tuckness, Victoria Davion, Norman Daniels, Ben Stone, Carl Cranor, others.
4. 2012. Who Owns Life? Intellectual Property in Biotechnology and Life Sciences. Bioethics Program Symposium. Presenters included Robert Streiffer (UW Madison), Shontavia Johnson (Drake Law), Margo Bagley (U.Va Law), David Resnik (NIEHS), and Ed Sease (McKee, Vorhees and Sease, Des Moines IA). 17 February, 2012.
 5. 2007. "Agriculture and Environmental Ethics." Iowa State University, Summer 2007. Presenters included Dane Scott (U.Mt), Paul Thompson (MSU), Gary Comstock (UNC Charlotte), Raymond Anthony (U.AK), Kristen Hessler (SUNY Albany), Robert Streiffer (UW Madison), Gary Varner (Texas A&M), Gordon Hull (UNC Charlotte).
 6. 2005. International Bioethics Institute, Iowa State University. Hosted with Kristen Hessler (ISU), Jeff Kahn (UMN), Dennis Cooley (ND State). 23-27 2005.
 7. 2004. "Coexistence of Organic and Biotech Crops." Speakers included Brad Brummond (IA Extension), Ricardo Salvador (ISU), Donald Duvick (Pioneer), Clark Wolf (ISU).
 8. 2004. "Women, Food, and the Environment." Organized with Whitney Sanford. 10 April 2004.
 9. 2004. "The Use of Animals in Teaching and Research." ISU Bioethics Program, with ISU College of Veterinary Medicine. Speakers included Bernard Rollin (CO State), Susan Krebsbach (AVAR) and distinguished ISU faculty members.
 10. 2002. Southern Society for Philosophy and Psychology. Program Chair Spring, 2002. This international conference included participants from US, Canada, and Europe.
 11. 2001. Southern Society for Philosophy and Psychology. Assistant Program Chair, 2001.

PRIZES AND AWARDS

- 2001 Georgia State Regents Technology Grant for Innovative Undergraduate Teaching (\$7,500)
 2000 Richard B. Russell Award for Excellence in Undergraduate Teaching, Spring 2000. (\$5,000)
 1991 Riesen Prize for Outstanding Graduate Work in Philosophy, University of Arizona.
 1991 Institute for Humane Studies, Claude Lamb Fellowship Prize, Runner Up Award.
 1991 Summer Seminar Fellowship, Public Choice Institute, George Mason University.
 1989 Recommended for Five-Star Faculty Teaching Award, University of Arizona.
 1986 Dahl Prize for Outstanding Work in Philosophy, Oberlin College.
 1986 Phi Beta Kappa, Oberlin College.

COURSES TAUGHT

Graduate Seminars:

- Bioethics and Public Policy (ISU), Foundations of Sustainable Agriculture (ISU).
 Bioethics and Life Science Research (ISU- Co-taught with Clark Ford). Political Philosophy (UGA), Jurisprudence (UGA), Secession and National Self-Determination (UGA) Environmental Politics and Policy (UC Boulder).

Upper-level and Graduate classes:

- Iowa State University: Philosophy of Law, Political Philosophy, Environmental Ethics, Bioethics and Biotechnology, Problems in Genetics (Co-taught with Clark Ford), Workshop in Bioethics, World Food Issues (honors), Science Communication Ethics (honors), Sustainable Institutions/Sustainable Lives (honors).
University of Georgia: Medical Ethics, Political Philosophy, Philosophy and Technology, History of Ethical Theory, Ethical Theory, Environmental Values and Policy.

Undergraduate-only classes:

- Introduction to Philosophy, Moral Theory and Practice, Formal Logic, Critical Thinking.

GRADUATE COMMITTEES:

Ph.D. Students:

- Jalynn Almond, Sustainable Agriculture (ISU) 2017. (Major prof)
 Travis Cox, Sustainable Agriculture (ISU) 2014.
 Anita Gordon, Education. (ISU) 2011.
 Anastasia Bodnar, Ecology, Evolution, and Organismal Biology. (ISU) 2011.
 Noel Horton Braithwaite, Rhetoric and Speech Communication. (ISU) 2008.
 Murray Sheard, Philosophy (U Aukland) 2005.

Yang-Soo Lee, Philosophy (UGA) 2003. (Major Prof)
 David Saha, Business, (UGA) 1999.
 Steven Heikkila, (UGA) 1998.
 Mark Faller, Philosophy (UGA) 1997.
 Pam Sailors, Philosophy (UGA) 1996.
 Beth Segars-MacRae, Philosophy (UGA) 1995.
 Warren Neil, Philosophy (UGA) 1994.
 David Keller, Philosophy (UGA) 1993.
 Kyle Tullos, Philosophy (UGA) 1992.

M.A. Students:

Rachel Lentz (Pol Sci, In progress)
 Robert Philpott (Ag Eng In progress)
 Carolyn White (Ag Eng in Progress)
 Jared Godby, Political Science (In Progress)
 Eric Williams, Creative Writing (May 2021)
 Brianna Stoeber, Creative Writing (March 2021)
 Akash Vidyadharan, Aerospace Engineering (2017)
 Adam Wright, Creative Writing (2016)
 Eleni Apostolaki, Political Science (2016)
 Anna Blumstein, Sustainable Agriculture/Natural Resources. (ISU) 2014.
 Brian Janssen, Political Science. (ISU) 2013.
 Caroline Oliveras, Sustainable Agriculture/Sociology. (ISU) 2013.
 Michael Stansfield, Bioethics/International Development Studies. (ISU) 2009.
 Eric Robinson, Fine Arts, (ISU) 2008.
 Sarah Heuer, Bioethics/International Development Studies. (ISU) 2008
 David Jesse, Anthropology, (ISU) 2007,
 Colter Bayard, Political Science, (ISU) 2006
 Adam Cureton, Philosophy (UGA) 2002.
 Scott Hershovitz, (UGA) 2001
 Michael Jordan, Philosophy (UGA) 2001

PROFESSIONAL AFFILIATIONS AND SERVICE

1. Journal Referee: (partial list)

<p><i>Economics, Philosophy, and Politics</i> <i>Ethique et Economique</i> <i>Environmental Ethics</i> <i>Ethics and the Environment</i> <i>Canadian Journal of Philosophy</i></p>	<p><i>Ethics</i> <i>Journal of Agricultural and Environmental Ethics</i> <i>Ecological Economics</i> <i>Journal of Social Philosophy</i> <i>Nous</i></p>
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2. NSF-CCEstem Grant Review Panel, Spring 2021
3. NEH Institute Grant Review Panel, April 2012.
4. [Katerva Awards](#), Expert Panel Member, Human Development Division. 2011, 2012, 2013.
5. Book Review Editor, *Ethics and the Environment*. 2000-2008.
6. Referee and Editorial Board Member, *Ethique et Economique*.
7. Editorial Reviewer, Broadview Press, Rowman & Littlefield, Oxford University Press, Wadsworth, Blackwell, others.
8. Grant Reviewer: Genome B.C., Canadian Centres for Research Excellence, U.S. Environmental Protection Agency, National Science Foundation, Institute for Science and Society, Israel Science Foundation, others.
9. Mid-term grant Review, and Expert Panel Member, Canadian Science Foundation Centres for Excellence Program, Advanced Food and Materials Network (AFMNet).
10. Tenure Committee External Evaluator. (University of Missouri KC, Arizona State University, University of Alaska, University of Alabama)

UNIVERSITY SERVICE (PARTIAL LIST)

1. Graduate Program in Sustainable Agriculture, Coordinating Committee. (2020-present)
2. Sustainable Agriculture Graduate Program, Admissions Committee, (2010-present)
3. Sustainable Agriculture Faculty (2004-present)

4. Women's Studies Program Faculty (2006-present)
5. ISU Committee on Lectures, (2004-present)
6. ISU President's Committee on Institutional Excellence. 2013-14.
7. ISU Faculty Review Board. 2012-2016.
8. Chair Review Committee, (H. Avalos, G. Knight) Phil/RS. Spring 2011-12.
9. Sustainable Agriculture Graduate Program, Awards Committee (2006-2010?)
10. ISU Center for Excellence in the Arts and Humanities, Steering Committee Member, 2004-2010.
11. Interdisciplinary Studies Committee, Humanities Division (2003-2007)
12. Curriculum Committee, ISU College of Agriculture, 2004-5. (Advised on ethics requirement.)
13. ISU Tenure Committees, Rose Caraway, Jonathan Tsou, David Alexander, Annemarie Butler, Peter Vranas, Kevin DeLaPlante, Jack Davidson, others.
14. Phil/RS Chair Review Committee, (M. Sawyer, B. Hollinger) 2004-05.
15. ISU Accreditation Review Committee (David Acker, Chair, Lorna Butler, Fred Kirschenman, Manjit Mishra) Fall 2004.
16. Institute for Science and Society Faculty Fellow and Grant Review Committee, 2003-2005.

REFERENCES:

Available on request.