

## PAUL B. THOMPSON

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**Personal Data:** Born July 22, 1951, Springfield, MO; Married March 28, 1975; 2 children.

### **Education:**

Ph.D. 1980 Stony Brook University, Stony Brook, NY - Philosophy  
Major Professor: Don Ihde Dissertation: The Concept of Risk  
M. A. 1979 Stony Brook University, Stony Brook, NY - Philosophy  
B. A. 1974 Emory University – Major: Philosophy  
1971 - 1973 Georgia Institute of Technology – Major: Mathematics  
1969 - 1971 University of Northern Colorado – Major: Mathematics  
Diploma 1969 George Washington High School, Denver, CO

### **Professional Experience:**

**August 2003-present:** Endowed Professor of Philosophy, Agriculture, Food and Resource Economics and Community Sustainability, Michigan State University  
**July 1997 to August 2003:** Distinguished Professor of Philosophy, Purdue University.  
**July 1999 to August 2003:** Director, Center for Food Animal Productivity and Well-Being, Purdue University  
**Sept. 1992 to July 1997:** Professor of Philosophy and Agricultural Economics, Texas A&M University  
**Sept. 1990 to July 1997:** Director, Center for Science and Technology Policy and Ethics (formerly Center for Biotechnology Policy and Ethics), Institute for Biosciences and Technology, Texas A&M University  
**Sept. 1987 to Aug. 1992:** Associate Professor of Philosophy and Agricultural Economics, Texas A&M University  
**Sept. 1986 to Aug. 1987:** Visiting Scholar, U.S. Agency for International Development, Washington D. C.  
**Sept. 1982 to Aug. 1986:** Assistant Professor of Philosophy and Agricultural Economics, Texas A&M University  
**Sept. 1981 to June 1982:** Visiting Assistant Professor of Philosophy, Texas A&M University  
**Sept. 1975 to June 1980:** Graduate Council Fellow, Department of Philosophy, Stony Brook University

### **Academic Honors:**

W. K. Kellogg Professor of Agricultural, Food and Community Ethics, Michigan State University, 2003—  
Fellow, The Hastings Center, Garrison, NY, 2000—  
William J. Beal Outstanding Faculty Award, Michigan State University, Feb. 7, 2017.  
2015 Book of the Year, North American Society for Social Philosophy, for *From Field to Fork: Food Ethics for Everyone*.  
The Don Ihde Prize, Distinguished Alumni Award for Career Achievement, Department of Philosophy, Stony Brook University, December 2015.  
Richard P. Haynes Award for Distinguished Career Achievement in Research, Agriculture, Food and Human Values Society, June 2013.  
Joyce and Edward E. Brewer Professor of Applied Ethics, Purdue University, 1997—2003.  
Yale University, Postdoctoral Fellow, Program on Agrarian Studies, 1994-95.  
New Mexico State University, 1993-94 Visiting Distinguished Professor.  
American Agricultural Economics Association Award for Professional Excellence in Communication for *Sacred Cows and Hot Potatoes*, 1993.  
American Agricultural Economics Association Award for Professional Excellence in Communication for contributions to *Agricultural Biotechnology: Issues and Choices*, 1992.  
Maria Julia and George R. Jordan, Jr. Term Professorship in Public Policy, Texas A&M University, 1990-92.  
Council on Foreign Relations International Affairs Fellow, 1986-87.  
National Center for Food and Agricultural Policy, Resources for the Future, Resident Fellow, 1986-87.  
State University of New York Doctoral Exchange Fellow, 1977-78.

Stony Brook University Graduate Council Fellow, 1975-79.

**Related Experience:**

Member, LEEDR Panel for Insect Allies, Defense Advanced Research Projects Agency (DARPA), U.S. Department of Defense, 2017—

Member, External Advisory Board, Center for Genetics and Society, North Carolina State University, Raleigh, NC, 2016—

Member, Association of Public and Land-grant Universities (APLU) Working Group on Plant and Animal Productivity, 2017.

Member, Board of Directors, RESOLVE, Washington, DC. 2011—2017.

External Project Review, The Wellcome Trust, London, 2016.

Member, Program Review Team, MA in Environmental Humanities, Oregon State University, Corvallis, OR 2015.

Visiting Scholar, Center for Sustainable Solutions, Portland State University, Portland, OR, 2011-2012.

Member, External Advisory Board, International Barcode of Life (IBoL), University of Guelph, Guelph, ON, 2010—2015.

Chair, Council on Agricultural Science and Technology Working Group on Ethics and Animal Agricultural Biotechnology, 2006—2010

Member, Advisory Committee on Biotechnology, Board of Agriculture and Natural Resources, National Research Council, Washington, D.C. 2002—2010

Member, Scientific Advisory Committee, The Mansholt Graduate School, Wageningen University and Research Institute, The Netherlands, 1996—2010

Member, Science and Industry Advisory Committee, Genome Canada, 2004—2008

Member, Executive Committee, Institutional and Behavioral Economics Section, American Agricultural Economics Association, 2006-2008; 2008-2010.

Member, Scientific Advisory Committee, Genome Alberta, 2005—2007

Member Scientific Advisory Committee, Genome Prairie Research Project, Alberta, Canada, 2002—2005.

Member, Steering Committee, University of Texas Center on Sustainable Development, Austin, TX, 2002—2004

Consultant to the Food and Agricultural Organization of the United Nations on ethics and food safety, 2002.

Member, Subcommittee on Environmental Consequences from Commercialization of Transgenic Crops, National Research Council, 2000—2001.

Member, Council on Agricultural Science and Technology Task Force on Urban Agriculture, 2000—2001.

Faculty, Foundation for American Communications Workshop, The Biotech Food Fight, April 28-30, 2000, Minneapolis, MN.

Member, Ecological Standards Workgroup, Public Policy Dialog Committee, U. S. Environmental Protection Agency, June 1997—May 1998.

Member, U. S. Government Agricultural Biotechnology Research Advisory Committee (ABRAC), October 1994 - January 1996.

Graduate Faculty of the George Bush School for Public Leadership, Texas A&M University, 1996-97.

Graduate Faculty, Speech Communication and Theater Arts, Texas A&M University, 1992-1997.

Instructor and Associate Producer, AG\*SAT course on Agricultural Ethics, interactive satellite broadcast, Spring 1992.

National Endowment for the Humanities Summer Institute on Ethics and International Relations, University of Virginia, 1993.

Member, Council on Agricultural Science and Technology Task Force on Animal Well Being, 1991-97.

National Endowment for the Humanities Summer Seminar on Consequentialism Participant, Syracuse University, 1988.

Organizer and Coordinator, Curriculum and research workshops on ethics in agriculture at University of Florida, University of Kentucky, University of Minnesota, Michigan State University, Oregon State University, Purdue University, Pennsylvania State University, Rutgers University, Texas A&M University, 1984-1998.

Director of Graduate Studies, Department of Philosophy, Texas A&M University, 1989-1990.

Visiting Fellow, U.S. Agency for International Development, Bureau of Science & Technology, Office of Agriculture, Washington, DC. 1986 - 87.

Member, Editorial Advisory Board: *Environmental Values*, 2000-2006; *Environmental Ethics*, since 2007; *Journal of Agricultural and Environmental Ethics*, since 1988; *Agriculture and Human Values*, since 1985.

Coordinator, Agriculture and Liberal Arts Project, Texas A&M University, 1985-1989.

National Endowment for the Humanities Summer Seminar on Collective Responsibility Participant, Trinity University, San Antonio, TX, 1983.  
 Risk Quantification Consultant, Oconee Probabilistic Risk Assessment, Nuclear Safety Analysis Center and the Duke Power Company, Charlotte, NC, 1981.  
 Writer and Producer for a pilot episode of a TV program to teach logic, Stony Brook University, 1979.

### **Books and Monographs:**

1. P. B. Thompson, *The Spirit of the Soil* 2<sup>nd</sup> ed. New York and London: Routledge, 2017.
2. P. B. Thompson. 〈土〉という精神 アメリカの環境倫理と農業 哲学・宗教 ポール・B・トンプソン(著), 太田 和彦(訳|訳) 発行: 農林統計出版 (Japanese Translation of *The Spirit of the Soil*) 2017.
3. P. B. Thompson, *From Field to Fork: Food Ethics for Everyone* New York: Oxford University Press, 2015.
4. P.B. Thompson and D. Kaplan, Eds. *The Encyclopedia of Food and Agricultural Ethics* 3 volumes Dordrecht, NL: Springer, 2014.
5. P. B. Thompson, *The Agrarian Vision: Sustainability and Environmental Ethics*. Lexington, KY: The University Press of Kentucky, 2010.
6. P. B. Thompson, Ed. *The Ethics of Intensification: Agricultural Development and Cultural Change*. Dordrecht, NL: Springer, 2008.
7. K. David and P. B. Thompson, Eds. *What Can Nanotechnology Learn from Biotechnology? Social and Ethical Lessons for Nanoscience from the Debate over Agrifood Biotechnology and GMOs*. Burlington, MA: Academic Press, 2008.
8. J. B. Callicott and R. Frodeman, Eds-in-Chief; V. Davion, B. Norton, C. Palmer and P. B. Thompson, Assoc. Eds. *Encyclopedia of Environmental Ethics and Philosophy* Farmington Hills, MI: 2008, Gale-Cengage Learning.
9. P. B. Thompson, *Food Biotechnology in Ethical Perspective* 2<sup>nd</sup> Edition, Dordrecht, NL: Springer, 2007.
10. Committee on Environmental Impacts Associated with Commercialization of Transgenic Plants, Board on Agriculture and Natural Resources, (12 individuals). *Environmental Effects of Transgenic Plants: The Scope and Adequacy of Regulation*. Washington, DC: 2002, The National Research Council.
11. P. B. Thompson and T. C. Hilde, Eds. *The Agrarian Roots of Pragmatism*. Nashville, TN: Vanderbilt University Press, 2000.
12. P. B. Thompson, *Agricultural Ethics: Research, Teaching and Public Policy*, Ames, IA: Iowa State University Press, 1998.
13. P.B. Thompson, *Food Biotechnology in Ethical Perspective*, London: Chapman and Hall (Blackie Academic and Professional), 1997.
14. P.B. Thompson, *The Spirit of the Soil: Agriculture and Environmental Ethics*, New York and London: Routledge Publishing Co., 1995.
15. P.B. Thompson, R. Matthews, E.O. van Ravenswaay, *Ethics, Public Policy, and Agriculture*, New York: Macmillan, 1994.
16. P.B. Thompson, *The Ethics of Aid and Trade: U.S. Food Policy, Foreign Competition and the Social Contract*, New York: Cambridge University Press, 1992.
17. W. Browne, J. Skees, L. Swanson, P.B. Thompson, and L. Unnevehr, *Sacred Cows and Hot Potatoes: Agrarian Myths and Policy Realities*, Boulder, CO: Westview Press, 1992.
18. P.B. Thompson and B. A. Stout, Eds. *Beyond the Large Farm: Ethics and Research Goals for Agriculture*, Boulder, CO: Westview Press, 1991.

### **Refereed Journal Articles:**

1. P.B. Thompson, "The Role of Ethics in Gene Drive Research and Governance," *Journal of Responsible Innovation* 5(2018): S159-S179.
2. P. B. Thompson and G. Van Weiren, "A Critical Conversation on Paul B. Thompson's *From Field to Fork: Food Ethics for Everyone*," with contributions from Ray Boisvert, Lisa Heldke, Erin McKenna, and Per Sandin, *Public Philosophy Journal* (2018): <http://publicphilosophyjournal.org/full-record/?amplificationid=1078>
3. J.A. Buckley, P. B. Thompson and K. P. Whyte, "Collingridge's Dilemma and the Early Ethical Assessment of Emerging Technology: The Case of Nanotechnology Enabled Biosensors," *Technology in Society* 48 (2017): 54-63.

4. P. B. Thompson, "Analytic and Pragmatist Food Ethics: Method and Approach," *Pragmatism Today* 8 (2017) No. 2, pp 10-23, Available at: <http://www.pragmatismtoday.eu/winter2017/Analytic-vs-Pragmatist-Food-Ethics-Method-and-Approach-Paul-B-Thompson.pdf>
5. P. B. Thompson, "And Don't Forget Food Ethics," *The American Journal of Bioethics*, 17(2017):9, 22-24, DOI: 10.1080/15265161.2017.1353168
6. P. B. Thompson, "The Emergence of Food Ethics," *Food Ethics* 1 (2016):61-74.
7. P. B. Thompson, "Machines, Watersheds and Sustainability," *The Pluralist* 11 (2016): 110-116.
8. P. B. Thompson, "From World Hunger to Food Sovereignty: Food Ethics and Human Development," *Journal of Global Ethics* 11 (2015): 336-350.
9. P. B. Thompson "From Synthetic Bioethics to One Bioethics: A Reply to Critics," *Ethics, Policy & Environment*, 18(2015):2, 215-224
10. P. B. Thompson, "Agricultural Ethics—Then and Now," *Agriculture and Human Values* 32 (2015): 77-85.
11. P. B. Thompson & M. List, "Ebola Needs One Bioethics," *Ethics, Policy and the Environment* 18 (2015): 96-102.
12. P. B. Thompson, J.V. Stone and L M. Busch. "Standards Education in the Liberal Arts: Curricular Materials and Educational Strategies," *Standards Engineering* 67(4) [2015]: 12-15.
13. P. B. Thompson, "Dan Bromley, 2014 Coss Dialogs Invited Speaker," *The Pluralist* 10 (2015): 1-5.
14. P. B. Thompson, "The GMO Quandary and What It Means for Social Philosophy," *Social Philosophy Today* 30 (2014): 7-27.
15. L. Goralnik, L. Thorp, D. Rozeboom & P. Thompson, "Storytelling Morality: Ecofeminism, Agrarianism and Pigs in the Field," *The Trumpeter* 30(2014): 15-32.
16. P. Sandin, E. Mårild, A. Davison, D. E. Nye & P. B. Thompson, "Book Symposium on *The Agrarian Vision: Sustainability and Environmental Ethics* by Paul B. Thompson," *Philosophy & Technology* 26 (2013): 301-320.
17. P. B. Thompson, "Environmentalism and Posthumanism," *Essays in the Philosophy of Humanism* 21, No. 2 (2013): 63-73.
18. P. B. Thompson, "Synthetic Biology Needs a Synthetic Bioethics," *Ethics, Policy and Environment* 15: 1-20.
19. P. B. Thompson, "Ethics and Risk Communication," *Science Communication* 34 (2012): 618-641.
20. K. P. Whyte and P. B. Thompson, "Ideas for How to Take Wicked Problems Seriously," *Journal of Agricultural and Environmental Ethics* 25(2012): 441-445.
21. P. B. Thompson and K. P. Whyte, "What Happens to Environmental Philosophy in a Wicked World?" *Journal of Agricultural and Environmental Ethics* 25(2012): 485-498.
22. J. C. Swanson, Y. Lee, P. B. Thompson, R. Bawden and J. A. Mench, "Integration: Valuing Stakeholder Input in Setting Priorities for Socially Sustainable Egg Production," *Poultry Science* 90(2012): 2110-2121.
23. P. B. Thompson, "The Agricultural Ethics of Biofuels: The Food vs. Fuel Debate," *Agriculture* 2 (2012): 339-358; doi:10.3390/agriculture2040339 <http://www.mdpi.com/2077-0472/2/4/339>
24. P. B. Thompson, "Re-Envisioning the Agrarian Ideal," *Journal of Agricultural and Environmental Ethics* 25(2012): 553-562.
25. P. B. Thompson, "The Agricultural Ethics of Biofuels: Climate Ethics and Mitigation Arguments," *Poesis & Praxis: The International Journal of Technology Assessment and Ethics of Science* Open Access DOI (2012): 10.1007/s10202-012-0105-6.
26. P. B. Thompson, ""There's an App for That": Technical Standards and Commodification by Technological Means," *Philosophy and Technology* 25(2012): 87-103.
27. E. Selinger, P. Thompson and H. Collins, "Catastrophe Ethics and Activist Speech: Reflections on Moral Norms, Advocacy and Technical Judgment," *Metaphilosophy* 42(2011): 118-144.
28. J. C. Swanson, J. A. Mench and P. B. Thompson, "Introduction—The Socially Sustainable Egg Production Project," *Poultry Science* 90(2011): 227-228. doi:10.3382/ps.2010-01266
29. P. B. Thompson, M. Appleby, L. Busch, L. Kalof, M. Miele, B. F. Norwood, and E. Pajor. "Values and public acceptability dimensions of sustainable egg production," *Poultry Science* 90(2011): 2097-2109. doi: 10.3382/ps.2010-0138
30. P. B. Thompson, "Food Aid and the Famine Relief Argument (Brief Return)," *The Journal of Agricultural and Environmental Ethics* 23(2010): 209-227.
31. P. B. Thompson, "Animal Ethics and Public Expectations: The North American Outlook," *Journal of Veterinary Medical Education* 37(2010): 13-21.

32. P. B. Thompson, "Why Using Genetics to Address Welfare May Not Be a Good Idea," *Poultry Science* 89(2010): 814-821.
33. K. P. Whyte and P. B. Thompson, "A Role for Ethical Analysis in Social Research on Agrifood and Environmental Standards," *Journal of Rural Social Sciences* 25(3), 2010: 79-98.
34. B. J. Deaton, L. Busch, W. J. Samuels and P. B. Thompson, "A Note On The Economy Of Utilities: Attributing Production Practices To Agricultural Practices," *Journal of Rural Social Sciences* 25(3), 2010: 99-110.
35. P. B. Thompson, "The Opposite of Human Enhancement: Nanotechnology and the Blind Chicken Problem," *NanoEthics* 2(2008): 305-316; Republished In *Nanotechnology, the Brain, and the Future*, Sean A. Hays, Jason Scott Robert, Clark A. Miller and Ira Bennett, eds. Dordrecht, NL: Springer, 2013, pp. 247-263.
36. P. B. Thompson, "Agrarian Philosophy and Ecological Ethics," *Science and Engineering Ethics* 14(2008): 527-544.
37. P. B. Thompson, "The Agricultural Ethics of Biofuels: A First Look," *Journal of Agricultural and Environmental Ethics* 21(2008): 183-198.
38. W. Hannah and P. B. Thompson, "Nanotechnology, Risk and the Environment: A Review," *Journal of Environmental Monitoring* 10(2008): 291-300.
39. P. B. Thompson and W. Hannah. "Food and Agricultural Biotechnology: A Summary and Analysis of Ethical Concerns," *Advances in Biochemical Engineering and Biotechnology* 111(2008): 229-264.
40. P. B. Thompson, "Current Ethical Issues in Animal Biotechnology," *Reproduction, Fertility and Development*, 20 (2008): 67-73.
41. P. B. Thompson, "Animal Biotechnology: How Not to Presume," *The American Journal of Bioethics*, 8:6, (2008) 49-50. DOI: 10.1080/15265160802248278. URL: <http://dx.doi.org/10.1080/15265160802248278>
42. P. B. Thompson, "Borgmann on Commodification: A Comment on *Real American Ethics*," *Journal of Agricultural and Environmental Ethics* 21 (2008): 75-84, (published with a reply by Borgmann, pp. 85-96).
43. A. J. Knight, M. R. Worosz, M. K. Lapinski, T. A. Ten Eyck, C. K. Harris, L. D. Bourquin, T. M. Dietz, P. B. Thompson, and E. C. Todd. "Consumer Perceptions of the Food Safety System: Implications for Food Safety Educators and Policy Makers." *Food Protection Trends* 28(6)(2008): 27-32.
44. P. B. Thompson, "Theorizing Technological and Institutional Change: Alienability, Rivalry and Exclusion Cost," *Technè* 11(1) (Fall 2007): 19-31.
45. P. B. Thompson, "Agricultural Sustainability: What It Is and What It Is Not," *International Journal of Agricultural Sustainability* 5 (2007): 5-16.
46. P. B. Thompson, "Agriculture and Working-Class Political Culture: A Lesson from *The Grapes of Wrath*," *Agriculture and Human Values* 24 (2007): 165-177.
47. P. B. Thompson, C. Harris, D. Holt and E.A. Pajor. "Livestock Welfare Product Claims: The Emerging Social Context," *Journal of Animal Science* 85 (2007): 2354—2361.
48. P. B. Thompson, "Norton's *Sustainability*: Some Comments on Risk and Sustainability," *Journal of Agricultural and Environmental Ethics* 20(2007): 375-386 (published with a Reply by Norton, pp. 387-405).
49. P. B. Thompson, "Mark Sagoff's Kantian Environmental Philosophy," *Ethics, Place and Environment* 9(2006): 344-350 (published with a Reply from Sagoff, pp. 365-372).
50. P. B. Thompson, "Should We Have GM Crops?" *Santa Clara Journal of International Law* 4(2006): 75-95.
51. P. B. Thompson, "Ecological Risks of Transgenic Crops: A Framework for Assessment and Conceptual Issues," *Sustainability in Agriculture*, R.E. Hester and R. M. Harrison, Eds. *Issues in Environmental Science and Toxicology*, Vol. 21, Cambridge, UK: 2005, Royal Society of Chemistry, pp. 16-30.
52. P. B. Thompson, "Value Judgments and Risk Comparisons: The Case of Genetically Engineered Crops," *Plant Physiology* 132(2003): 10-16. <http://www.plantphysiol.org/cgi/content/full/132/1/10> Republished in Maarten J. Chrispeels, Ed. *Agricultural Ethics in a Changing World*. Rockville, MD: 2004, American Society of Plant Biologists, pp. 40-46; Republished in Craig Hanks, *Technology and Values: Essential Readings* Malden, MA: 2010, Wiley-Blackwell, pp. 347-355.
53. L. LaReesa Wolfenbarger, David A. Andow, Angelika Hilbeck, Thomas Nickson, Felicia Wu, Paul B. Thompson and Klaus Ammann. "GE Crops: Balancing Predictions of Promise and Peril," *Frontiers in Ecology* 2(2004): 154-160.
54. K.K. Schillo and P. B. Thompson, "Postmodernism for Animal Scientists," *Journal of Animal Science* 80(E. Suppl. 2)[2003]: E189-E194.



55. P. B. Thompson, "Crossing Species Boundaries Is Even More Controversial than You Think," *The American Journal of Bioethics* 3(3)[2003]: 14-15.
56. P. B. Thompson, "The Reshaping of Conventional Farming: A North American Perspective," *Journal of Agricultural and Environmental Ethics* 14 (2001): 217-229.
57. P. B. Thompson, "Risk, Consent and Public Debate: Some Preliminary Considerations for the Ethics of Food Safety," *International Journal of Food Science and Technology* 36 (2001): 833-843.
58. P. B. Thompson, "Animal Welfare and Livestock Production in a Postindustrial Milieu," *Journal of Applied Animal Welfare Science* 4(3) [2001]: 191-205.
59. P. B. Thompson, "Privacy, Secrecy and Security," *Ethics and Information Technology* 3(2001): 13-19.
60. P. B. Thompson, "Grades and Standards in the Context of International Trade: Some Ethical Considerations," *Cahiers d'Economie et Sociologie Rurales* 55-56(2000): 53-70.
61. P. B. Thompson, "Food and Agricultural Biotechnology: Ethical Issues behind the Research Choices," *The IPTS Report*, 50 (December 2000): <http://www.jrc.es/iptsreport> (Simultaneously published in English, French, Spanish and German).
62. P. B. Thompson, "The Ethics of Truth-Telling and the Problem of Risk," *Science and Engineering Ethics* 5(4)[1999]: 489-511.
63. P. B. Thompson and A. Nardone, "Sustainable Livestock Production: Methodological and Ethical Challenges," *Livestock Production Science* 61(1999): 111-119.
64. P. B. Thompson, "Ethical Issues in Livestock Cloning," *Journal of Agricultural and Environmental Ethics* 11(1999): 197-217.
65. P. B. Thompson, "From a Philosopher's Perspective, How Should Animal Scientists Meet the Challenge of Contentious Issues?" *Journal of Animal Science* 77(1999): 372-377.
66. D. M. Vietor, P. B. Thompson, M. L. Wolfe and David Jones. "UD-R-ALL Dairy: A Decision Case about Dairy Expansion," *Journal of Natural Resources and Life Science Education* 28 (1999): 9-16.
67. P. B. Thompson, "Have Americans Accepted Food Biotechnology?" *Choices: The Magazine of Food, Farm, and Resource Issues* Third Quarter 1998, 31-33.
68. H. O. Kunkel, P. B. Thompson, B. A. Miller, and C. L. Skaggs, "Use of Competing Conceptions of Risk in Animal Agriculture," *Journal of Animal Science* 76(1998): 706-713.
69. P. B. Thompson, "Food Biotechnology's Challenge to Cultural Integrity and Individual Consent," *Hastings Center Report*, 27(4): 34-38 (July-August 1997).
70. P. B. Thompson, "Ethics and the Genetic Engineering of Food Animals," *Journal of Agricultural and Environmental Ethics* 10(1997): 1-23.
71. P. B. Thompson, "Science Policy and Moral Purity: The Case of Animal Biotechnology," *Agriculture and Human Values* 14(1997): 11-27; Republished in David Kaplan, Ed. *Readings in the Philosophy of Technology* 2<sup>nd</sup> Ed. Totowa, NJ: 2009, Rowman and Littlefield, pp. .
72. W. E. Grant and P. B. Thompson, "Integrated Ecological Models: Simulation of Socio-cultural Constraints on Ecological Dynamics," *Ecological Modeling* 100(1997): 43-59.
73. P. B. Thompson, "Sustainability as a Norm," *Techné: Technology in Culture and Concept* 2(2): 75-94 (Winter 1997). <http://scholar.lib.vt.edu/ejournals/SPT/>
74. P. B. Thompson and W. E. Dean, "Competing Conceptions of Risk," *Risk: Health, Safety and Environment* 7(4): 361-384, (1996).
75. P. B. Thompson, "Food Labels and the Ethics of Consent," *Choices: The Magazine of Food, Farm, and Resource Issues* First Quarter 1996, 11-13.
76. P. B. Thompson, "Conceptions of Property and the Biotechnology Debate," *Bioscience* 45(4): 275-282, April 1995.
77. D. M. Vietor, J. M. Chandler, P. B. Thompson, and M. L. Kitchersid. "Should Public Funds Support Biotechnology Development? A Case About Herbicide Resistant Cotton," *Journal of Natural Resources and Life Science Education*. 24(1995): 173-178.
78. P.B. Thompson, "Animals in the Agrarian Ideal," *Journal of Agricultural and Environmental Ethics* 6 (special supplement 1): 36-49, (1993).
79. P.B. Thompson, "Genetically Modified Animals: Ethical Issues," *Journal of Animal Science* 7(3): 51-56, (1993).
80. P.B. Thompson, "Ethical Issues Facing the Food Industry," *Journal of Food Distribution Research* (February): 12-22, (1993).
81. P.B. Thompson, "The Varieties of Sustainability," *Agriculture and Human Values* 9(4):11-19, (1992).

82. P.B. Thompson and D.N. Kutach, "Agricultural Ethics in Rural Education," *Peabody Journal of Education*, 67(4): 131-153, (1990), Published 1992.
83. P.B. Thompson, "Designing Animals: Ethical Issues for Genetic Engineers," *Journal of Dairy Science*, 75:2294-2303, (1992).
84. P.B. Thompson, "Reply to Valverde," *Risk: Issues in Health and Safety*, 1(3): 49-57, (1992).
85. P.B. Thompson, "Agrarianism and the American Philosophical Tradition," *Agriculture and Human Values* 7(1): 3-8, (1990).
86. P.B. Thompson, "Risk Subjectivism and Risk Objectivism: When Are Risks Real?" *Risk: Issues in Health and Safety*, 1(1): 3-19, (1990).
87. P.B. Thompson, "Values and Food Production," *The Journal of Agricultural Ethics*, 2:209-223, (1989).
88. P.B. Thompson, "Agriculture, Biotechnology, and the Political Evaluation of Risk," *Policy Studies Journal*, 17(1): 97-108, (1988).
89. H. O. Kunkel and P.B. Thompson, "Interests and Values in National Nutrition Policy in the United States," *The Journal of Agricultural Ethics*, 1(4): 241-256 (1988).
90. P.B. Thompson, "Ethical Issues in Agriculture: The Need for Recognition and Reconciliation," *Agriculture and Human Values*, 5(4):4-15 (1988).
91. P.B. Thompson, "Of Cabbages and Kings," *Public Affairs Quarterly*, 2(1): 69-88, (1988); reprinted in *Ethics and Agriculture*, Charles V. Blatz, ed. (Moscow: 1991, Idaho University Press), 577-584.
92. P.B. Thompson, "Ethics in Agricultural Research," *The Journal of Agricultural Ethics*, 1(1): 11-20, (1988).
93. P.B. Thompson, "Agricultural Biotechnology and the Rhetoric of Risk: Some Conceptual Issues," *The Environmental Professional*, 9:316-326 (1987).
94. P.B. Thompson, "Collective Action and the Analysis of Risk," *Public Affairs Quarterly* 1(2):23-42 (1987).
95. P.B. Thompson, "The Social Goals of Agriculture," *Agriculture and Human Values* 3(4): 32-42 (1986).
96. P.B. Thompson, "The Philosophical Foundations of Risk," *The Southern Journal of Philosophy*, 24:273-286 (1986).
97. P.B. Thompson, "Uncertainty Arguments in Environmental Issues," *Environmental Ethics*, 8(1): 59-75 (1986).
98. P.B. Thompson, "Collective Responsibility and Professional Roles," *The Journal of Business Ethics*, 5:151-154 (1986).
99. P.B. Thompson, "Risking or Being Willing: Hamlet and the DC-10," *The Journal of Value Inquiry*, 19:301-310 (1985).
100. P.B. Thompson, "Need and Safety: The Nuclear Power Debate," *Environmental Ethics*, 6(1): 57-69 (1984).
101. P.B. Thompson, "Two Types of Practical Philosophy," *Philosophy In Context*, 13:9-16 (1983).
102. P.B. Thompson, "Risk, Ethics and Agriculture," *The Journal of Environmental Systems*, 13:137-155 (1983-84); also published in R. Haynes & R. Lanier, Eds. *Agriculture, Change and Human Values* (Gainesville, FL: 1983, The Agriculture and Humanities Program) 528-548.
103. P.B. Thompson, "What Philosophers Can Learn From Agriculture," *Agriculture and Human Values*, 1(2): 17-19 (1983).
104. P.B. Thompson, "Ellul on Technology," *Cross Currents* 33(2): 33-42 (1983).
105. P.B. Thompson, "Privacy and the Urinalysis Testing of Athletes," *Journal of the Philosophy of Sport*, 9:60-65 (1982); reprinted in *Philosophic Inquiry in Sport*, W. J. Morgan and K. V. Meier, eds. (Champaign, IL: 1988, Human Kinetics Publishers), 313-318.
106. P.B. Thompson, "Bolzano's Deducibility and Tarski's Logical Consequence," *History and Philosophy of Logic*, 2:11-20 (1981).

### **Book Chapters and Invited Papers:**

1. P. B. Thompson, "Animal Ethics: Probing the Philosophical Issues," in *Advances in Agricultural Animal Welfare*, J. Mench, Ed. Cambridge, MA: 2018, Woodhead Publishing, Elsevier, pp. 51-67.
2. P. B. Thompson, "Resistance to Risky Technology; When Are Our Environmental Fears Justified?" in *Philosophy, Technology and the Environment*, D. Kaplan, Ed. Cambridge, MA: 2017, The MIT Press, pp. 63-80.
3. P. B. Thompson, "Food Security and Food Sovereignty," in *Food, Ethics and Society: An Introductory Text with Readings*, A. Barnhill, M. Budolfson, and T. Doggett, Eds. New York: 2017, Oxford University Press, pp. 160-164. (Reprinted selection of *From Field to Fork*).

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### **Book Reviews:**

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103. P. B. Thompson, "Ethics," in *The Encyclopedia of Agricultural Science, Volume 2* Charles A. Arntzen, ed. (New York: 1994, Academic Press) pp. 107-116.
104. P. B. Thompson, "Environmental Responsibility and the Ecology of the Virtues," in *Ecology and Democracy: The Challenge of the 21<sup>st</sup> Century*, I. Hanousková, M. Lapka and E Cudlinová, eds. NEBE s.r.o., Krajinská 7, 370 01 České Budejovice, Czech Republic, 1994, pp 40-42.
105. P. B. Thompson, "Ethical Issues and Animal Biotechnology," in *Proceedings of the International Workshop on Animal Biotechnology Issues*, M. McGloughlin, Ed. The Biotechnology Program, University of California, Davis, April 1994, 38-9.
106. P. B. Thompson, "Environment, Development and the Rhetoric of International Consensus," in *Proceedings of the Conference on Communication and Our Environment*, J. G. Cantrill and M. J. Killingsworth, Eds. (AuSable, MI: 1994, Northern Michigan University), pp. 179-185.
107. P.B. Thompson, R. Stricklin, P. Siegel, A. Rowan, and B. Rollin, "Well-Being of Production Animals: A Diversity of Viewpoints," Proceedings of Fair '95 Symposium on Food Animal Research Priorities, Kansas City, Missouri, October 18-20, 1992 (published 1993).
108. P. B. Thompson and J. C. Swanson, "Public Issues and Concerns," in *Food Animal Well-Being*. West Lafayette, IN: USDA and Purdue University, 1993.
109. P. B. Thompson, "A New Agenda For the Humanities in Development," White Paper Prepared for the Rockefeller Foundation, Arts and Humanities Division, October 1993.
110. E. M. Leigh, D. M. Vietor, P. B. Thompson, and M. L. Wolfe, "Probabilistic Risk Assessment for Dairy Waste Systems," *Proceedings of the American Society of Agricultural Engineering*, St. Joseph, MI: American Society of Agricultural Engineers, Summer 1993, 24 pp.
111. P. B. Thompson, "Ethics and Agricultural Biotechnology," *Science of Food and Agriculture* 5(1):8-9, Jan. 1993.
112. P. B. Thompson, "Food Labels and Biotechnology: The Ethics of Safety and Consent." Center for Biotechnology Policy and Ethics, Texas A&M University. Discussion Paper CBPE 93-1, Jan. 1993.
113. P.B. Thompson and J.A. Shaddock, "NABC 4: Animal Biotechnology: Opportunities and Challenges: An Overview," *NABC News* 5(1):6, Summer 1992.
114. P. B. Thompson, "Concepts of Property and the Biotechnology Debate," Center for Biotechnology Policy and Ethics, Texas A&M University. Discussion Paper CBPE 92-11, Nov. 1992.
115. W. P. Browne, J.R. Skees, L.E. Swanson, P.B. Thompson, and L.J. Unnevehr, "Stewardship Values: Still Valid for the 21<sup>st</sup> Century?" *Choices*. Third Quarter: 20-25, 1992.
116. P. B. Thompson, "Emphasizing the Humanities and Social Sciences," *Agriculture and the Undergraduate*. National Research Council, 1992, Washington, DC, pp. 208-219
117. P. B. Thompson, "Animal Welfare and Animal Rights: An Overview." Center for Biotechnology Policy and Ethics, Texas A&M University. Discussion Paper CBPE 92-1, March 1992.
118. J. Murray, P.B. Thompson and R. Piggott, "Transgenic Animals," National Agricultural Biotechnology Council Report 3: Agricultural Biotechnology at the Crossroads: Biological Social and Institutional Concerns, National Agricultural Biotechnology Council, Ithaca, NY: pp. 38-43, 1992.
119. F. M. Byers and P.B. Thompson, "Animal Growth Biotechnology In a Quandary," National Agricultural Biotechnology Council Report 3: Agricultural Biotechnology at the Crossroads: Biological Social and Institutional Concerns, National Agricultural Biotechnology Council, Ithaca, NY: pp. 264-299, 1992.
120. P.B. Thompson, "Constitutional Values and the Costs of American Food," in *Understanding the True Costs of Food: Considerations for a Sustainable Food System*. (Greenbelt, MA: 1991, Institute for Alternative Agriculture, Inc.) pp. 64-74.
121. P.B. Thompson, "Risk: Ethical Issues and Values," in *Agricultural Biotechnology, Food Safety and Nutritional Quality for the Consumer*, J. F. MacDonald, ed. National Agricultural Biotechnology Council (NABC) Report 2, (Ithaca, NY: 1991, NABC) pp. 204-217.
122. P. B. Thompson, "Philosophies of Property and Their Relevance to Biotechnology," Center for Biotechnology Policy and Ethics, Texas A&M University. CBPE 91-11, Dec. 1991.

123. P. B. Thompson, "Ethical Issues and BST," Center for Biotechnology Policy and Ethics, Texas A&M University. Discussion Paper CBPE 91-8, June 1991.
124. G.L. Johnson and P.B. Thompson, "Ethical Issues in Agricultural Biotechnology, Agricultural Biotechnology Leaflet Series, B.R. Baumgardt and M.A. Martin, eds., Purdue Agricultural Experiment Station, 1991.
125. P. B. Thompson, "Agricultural Biotechnology and Food Safety: Ethical Issues in the Evaluation of Risk." Center for Biotechnology Policy and Ethics, Texas A&M University. Discussion Paper CBPE 91-1, Jan. 1991.
126. P. B. Thompson, Social and Ethical Problems in Desert Locust Eradication for Africa, White Paper submitted to the Office of Technology Assessment, U. S. Congress, Jan. 1989.
127. W. Lacy, J.L. Compton, R. Freed, L Johnson and P.B. Thompson, Joint Indo-U.S. Impact Evaluation, Andhra Pradesh Agricultural University and Jawaharlal Nehru Krishi Vishwa Vidyalaya, to the United States Agency for International Development, Nov. 1987.
128. P. B. Thompson, "Philosophy of Social Science and Ethics," Proceedings of the Phase I Workshop, Social Science Agricultural Agenda Project, June 9-11, 1987, Neill Schaller, compiler, available from Resources and Technology Division, Economic Research Service, U.S. Department of Agriculture.
129. P. B. Thompson, "A Syllabus for Agricultural Ethics," FP 86-9, Department of Agricultural Economics, Texas A&M University, College Station, TX, July 1986.
130. P. B. Thompson, "Writing and Thinking in Agricultural Ethics," FP 86-6, Department of Agricultural Economics, Texas A&M University, College Station, TX, April 1986.
131. P. B. Thompson, "Teaching Agricultural Ethics in the Agricultural Economics Curriculum," FP 86-5, Department of Agricultural Economics, Texas A&M University, College Station, TX, April 1986.
132. P. B. Thompson, "On the Nature of Ethics and Values with Application to Agricultural Issues," FP 86-1, Department of Agricultural Economics, Texas A&M University, College Station, TX, January 1986.

### **Selected Presentations:**

- "Competing Paradigms of Sustainability," Bucknell University, Lewisburg, PA, November 14, 2017.
- "The Bioethics of Metabolism: A Bridge to the Future?" Keynote Address, Frontiers in Metabolism Conference, École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland, October 24, 2017.
- "Socio-Technical Imaginaries and the Future of Food," Society for Philosophy and Technology Meeting, Darmstadt, Germany, June 16, 2017.
- "Archetypes for Food Ethics, Keynote Address, Tarım ve Gıda Etiği Kongresi: Uluslararası Katılımlı, University of Ankara, March 10, 2017.
- "Four Archetypes for Future Food Systems," and "Social Amplification of Risk," The Harold Stoner Lectures, 2017, California Lutheran University, Thousand Oaks, CA, Feb. 21, 2017.
- "The Impact of What We Eat: From Science and Technology to Eating Local," Science and Food Project, University of California at Los Angeles, March 8, 2016.
- "Author Meets Critics: *From Field to Fork*," Society for the Advancement of American Philosophy, Portland OR, March 4, 2016.
- "Food for the Future: Ethical Archetypes for Future Food Systems," Department of Philosophy, Southeast University, Nanjing, China, December 9, 2015.
- "The Emergence of Food Ethics," Ihde Prize Lecture, Department of Philosophy, Stony Brook University, Stony Brook, NY, December 2, 2015.
- "The Ethics of Soil," Japanese Society of Soil Science Annual Meeting, Kyoto, Japan, September 5, 2015.
- "Engaging Ethics and Economics," Agricultural and Applied Economics Association Annual Meeting, San Francisco, CA, July 28, 2015.
- Keynote Address, Nebraska Sustainable Agriculture Society Annual Meeting, Omaha, Feb. 6, 2014.
- "Is It Possible to Have an Ethics in the Food and Agricultural System?" SupAgro "CultureSciences" Lecture Series in partnership with Agropolis Foundation, CIRAD and the Unesco Chair World Food Systems. Montpellier, France, May 12, 2014.
- "Agricultural Ethics: Then and Now," Centre for Bioethics, University of Nottingham, Nottingham, UK, March 24, 2014.
- "Food Safety, Food Security and the Social Amplification of Risk," Keynote Address, Asia-Pacific Society for Agriculture and Food Ethics Inaugural Meeting, Bangkok, Thailand, Nov. 28, 2013.



- “The Changing Context for Farmed Animal Welfare Ethics”, Raymond H. and Sandra M. Cypess Speaker, College of Veterinary Medicine, University of Illinois, Champaign, IL, Nov. 21, 2013.
- “Food *Nanotechnology* as Emerging Technology: Framing the Ethical Issues,” Yale Interdisciplinary Center for Bioethics and Rudd Center for Food Policy and Obesity, Yale University, New Haven, CT, Sept. 26, 2013.
- ““My consumption makes no difference”: individual responsibility for collective problems,” Panel Discussant, European Society for Agriculture and Food Ethics, Uppsala, Sweden, Sept. 13, 2013.
- “Farm Animal Welfare and Ethics,” College of Natural Sciences, Linyi University, Shandong Province, People’s Republic of China, May 14, 2013.
- “Hopes and Dreams for a Sustainable Food System: What Does the Future Hold?” Brooklyn College, Brooklyn, NY, April 22, 2013.
- “Philosophers on Science Advisory Panels,” Workshop Session, Public Philosophy Network Conference, Emory University, March 15, 2013.
- “Three Challenges in Food Ethics: Security, Obesity and Cultural Identity,” Department of Philosophy, Smith College, Northampton, MA, Oct. 25, 2012.
- “Animal Ethics and the Evolution of Standards for Laying Hens in the United States,” Center for Animal Welfare, University of Melbourne, Melbourne, AU, June 18, 2012.
- “The Fundamental Problem in Food Ethics,” Center for Applied Philosophy and Practical Ethics, Canberra, AU, June 14, 2012; Department of Philosophy, University of Oregon, Eugene, OR, April 19, 2012.
- “Three Problems in Food Ethics,” Centers for Disease Control, Atlanta, GA, Aug. 3, 2011; also delivered as the K. Schilling Memorial Lecture, Pennsylvania State University, August 29, 2011, and at American University, Washington, DC, October, 3, 2011.
- “Genetic Pollution,” Biotechnology in Agriculture Study Group, Yale University, New Haven, CT, April 19, 2011.
- “Sustainable Agriculture and Climate Change,” Graduate Program in Sustainable Agriculture Colloquium, Iowa State University, Ames, IA, April 13, 2011.
- “The Agrarian Vision: Sustainability and Environmental Ethics,” Green Mountain College, Poultney, VT, March 29, 2011.
- “Food, Technology and the Philosophy of Agriculture,” Food: An MIT Boot Camp, The Knight Center, Massachusetts Institute of Technology, Cambridge, MA, March 23, 2011.
- “After the Animal: Posthumanism and the Habit of Hunting,” Society for the Advancement of American Philosophy Annual Meeting, Spokane, WA, March 11, 2011.
- “The Future of Philosophy: Panel Presentation,” A New Practice of Philosophy: Taking Philosophy Beyond Disciplinary Bounds Conference, North Texas University, Denton, TX, March 7, 2011.
- “Author Meets Critics: *The Agrarian Vision*,” Association for Professional and Practical Ethics Annual Meeting, Cincinnati, OH, March 4, 2011.
- “The Fundamental Problem of Agricultural Ethics,” Frontiers in the Ethics of Science and Technology Research, Free University, Amsterdam, Feb. 23, 2011.
- “The Gap between Productivity and Sustenance: Making the Ethics Case for Agricultural Research,” Glasscock Lecture, Texas A&M University, College Station, TX, Jan. 31, 2011.
- “From GMOs to Nano and Synbio: Lessons on the Ethics of Emerging Technology,” School of Public Policy, Georgia Institute of Technology, Atlanta, GA, Jan. 23, 2011.
- “The Agrarian Vision: Sustainability and Environmental Ethics,” Willson Center Distinguished Lecture, The University of Georgia, Athens, GA, Jan. 21, 2011.
- “The Not Very Sexy but Ethically Important Issues in Synthetic Biology,” Bioethics Symposium, University of Minnesota, Minneapolis, MN, Jan. 14, 2011.
- “Animal Welfare Standards,” National Research Council Board on Agriculture Workshop, Washington, DC, Nov. 9, 2010.
- “Public Philosophy,” Panel Presentation, The Society for Phenomenology and Existential Philosophy Annual Meeting, Montreal, CA, Nov. 5, 2010.
- “What Makes Food Good? A Conversation with My Wife,” 46<sup>th</sup> Nobel Conference, Gustavus Adolphus College, St. Peter Minnesota, October 6, 2010.
- “Agricultural Biotechnology: What Are the Ethical Issues?” Minnesota Science Museum, St. Paul, MN, October 3, 2010.
- “What Happened to Food Nanotechnology? A Case Study in Private Sector Science Policy,” Gordon Conference on Science and Technology Policy, Waterville Valley, NH, August 12, 2010.
- “Social Sustainability and Public Acceptability in Egg Production,” Poultry Science Association Annual Meeting, Denver, CO, July 14, 2010.

- “Ethical Issues in Animal Biotechnology,” Council on Agricultural Science and Technology (CAST) Congressional Staff Briefing, Longworth Building, Washington, DC, June 7, 2010.
- “Ethics and Agricultural Intensification,” Workshop on Diversity and Germplasm, Food and Agriculture Organization (FAO) of the United Nations, Rome, Italy, April 14, 2010.
- “Animal Welfare Ethics and Public Expectations: The North American Outlook,” Swimming with the Tide: An Animal Welfare Symposium, American Veterinary Medical Association and Association for Veterinary Medical Education, East Lansing, MI, Nov. 9-11, 2009.
- “Conceptualizing Sustainability Science: The Role of Values,” Society for Social Studies of Science (4S), Alexandria, VA, Oct. 29-31, 2009.
- “Agrifood Nanotechnology: Is This Anything?” Keynote Address, European Society for Agriculture and Food Ethics, Nottingham, UK, July 3, 2009.
- “Biotechnology’s Contributions to Sustainability,” 8<sup>th</sup> Annual Bioethics Forum, Biopharmaceutical Technology Center, Madison, WI, April 23, 2009.
- “Food Aid: Does it Help or Hurt?” Food for Thought Conference, Stanford University, Palo Alto, CA, April 11, 2009.
- “Ethics and Food Production,” University of Puerto Rico – Mayaguez, April 12, 2009.
- “The Ethics of Communicating Risk for Emerging Technology: Settled Norms, Open Questions and Enduring Controversies,” Workshop on Risk Communication and Emerging Technology, University of Nevada-Las Vegas, Jan. 8, 2009.
- “Ethical and Policy Analysis of Linkages between Public Perception and Oversight of Emerging Technologies,” (with J. Kuzma, U. Minnesota), Society for Risk Analysis Annual Meeting, Boston, MA, Dec. 9, 2008.
- “Panel Presentation: The Future of Food: Toward a Bioethics of Food,” American Society for Bioethics and Humanities Annual Meeting, Cleveland, OH, Oct. 24, 2008.
- “Social and Ethical Issues in Agricultural Nanotechnology,” RENANOSOMA, Natal, Brazil, October 13, 2008.
- “The GMO Debate,” Genome British Columbia Executive Council Retreat, Vancouver, BC, June 14, 2008.
- “Agricultural Biofuels: Two Key Ethical Issues,” Annual Meeting, National Agricultural Biotechnology Council, Columbus, Ohio, June 5, 2008.
- “The Green Revolution,” International Society for Environmental Ethics Meeting, Highlands Camp, CO, May 28, 2008.
- “Where is Agrifood Nanotechnology?” (with Bill Hannah), Conference on Consuming Nanotechnology, University of South Carolina, Columbia, SC, May 19, 2008.
- “The Opposite of Human Enhancement: Nanotechnology and the Blind Chicken Problem,” Bioethics Program, University of Pennsylvania, Philadelphia, April 15, 2008.
- “Emerging Technology and the Problem of Risk,” University of North Carolina-Charlotte, April 12, 2008.
- “Rethinking Sustainability,” Muskegon Community College, Muskegon, MI, April 4, 2008.
- “The Emergence of Food Ethics,” Swedish Food Agency, Uppsala, Sweden, March 18, 2008.
- “Harnessing Agriculture for Energy: The Ethical Issues,” American Association for the Advancement of Science, Boston, MA, Feb. 15, 2008.
- “The Opposite of Human Enhancement: Nanotechnology and the Blind Chicken Problem,” and “What Can Nanotechnology Learn from GMOs,” Presentations at the Department of Philosophy and the Center for Nanotechnology, University of South Carolina, Columbia, SC, Oct. 19, 2007.
- “Ethical Bases of Sustainability,” European Society for Agriculture and Food Ethics Meeting, Vienna, Austria, September 14, 2007.
- “Panel Participant on Biofuels,” World Agricultural Forum, St. Louis, MO, May 9, 2007.
- “The Opposite of Human Enhancement,” Workshop on Nanotechnology and Human Enhancement, Dartmouth College, Hanover, NH, April 14, 2007
- “Author Meets Critics Commentary on Albert Borgmann’s *Real American Ethics*,” American Philosophical Association Pacific Division, San Francisco, CA, April 7, 2007.
- “Animal Ethics 101,” Ethics and Animal Biotechnology Workshop sponsored by Michigan State University and the Pew Initiative on Food and Biotechnology, The National Press Club, Washington, DC, Oct. 18, 2006.
- “Ethical Bases of Sustainability,” European Association for Animal Production Meeting, Antalya, Turkey, September 17, 2006.
- “Sustainability in an Agrarian Key,” Ecological Society of America Annual Meeting, Memphis, TN, Aug. 9, 2006.
- “Connecting Economics with Ethics,” American Agricultural Economics Association Annual Meeting, Long Beach, CA, July 25, 2006.

- “Ethics and Animal Biotechnology Revisited in Light of Bush Administration Science Policy,” American Association of Animal Science Meeting, Minneapolis, MN, July 12, 2006.
- “SEIN in NNIN,” Institute of Food Technologists Post Conference Workshop on Nanotechnology, Orlando, FL, June 29, 2006.
- “Ethical Issues in Industry/University Cooperation,” National Agricultural Biotechnology Council Annual Meeting, Ithaca, NY, June 16, 2006.
- “Food and Community,” Central European Pragmatist Forum, Szeged, Hungary, May 30, 2006.
- “Biotechnology and the Blind Chicken Problem,” Presidential Lectures Series, Clemson University, Clemson, SC, Feb. 14, 2005.
- “Mark Sagoff’s Kantian Environmental Philosophy,” American Philosophical Association, New York, NY, Dec. 29, 2005.
- “Ethics and Animal Well-being: Frontiers of Research,” Frontiers of Animal Agriculture Conference, CSIRO, Surfer’s Paradise, Australia, Oct. 12, 2005.
- “Exclusion Cost, Alienability and Rivalry: Three Institutional Factors for Technical Design,” Presidential Address, Society for Philosophy and Technology, Technical University-Delft, Delft, The Netherlands, July 21, 2005.
- “Science and Value Judgments in Assessing Risks from GM Crops,” Philosophy of Science Association, Austin, TX, Nov. 20, 2004.
- “Ethics, Hunger and GM Crops,” Homer Babcock Workshop on Ethics and World Hunger, Cornell University, Nov. 18, 2004.
- “Technological Innovation and Institutional Change,” American Philosophical Organization Conference on Philosophy and Technology, Newark, DE, Oct. 24, 2004.
- “Animal Rights, Animal Welfare and Animal Well-Being: How to Talk to the Outside World,” Future Trends in Animal Agriculture, United States Department of Agriculture, Jefferson Auditorium, Washington D.C., September 22, 2004.
- “Ethics and Social Issues for Transgenic Insects,” Biotech Bugs: A Look at the Science and Public Policy Surrounding Release of Transgenic Insects, Pew Initiative on Food and Agricultural Biotechnology, Washington D.C., September 20, 2004.
- “Moral Economy and the Dark Side of Social Capital,” Panel Presentation, American Agricultural Economics Association Annual Meeting, Denver, CO, August 2, 2004.
- “Animal Welfare and Animal Rights,” Heifer International, Little Rock, AK, July 29, 2004.
- “Polanyi and Pragmatism,” Central European Pragmatist Forum, Potsdam, Germany, June 4, 2004.
- “Values in Risk Assessment: The Case of GM Crops,” Department of Philosophy, University of Delft, Delft, The Netherlands, May 10, 2004.
- Visiting Scholar Lecture Series on Agricultural Biotechnology, Wageningen University and Research Center, The Netherlands, May 12-June 2.
- “Value Judgments in Biotechnology Risk Assessment,” University of California at Davis, April 14, 2004.
- Panel Presentation, Genetic Prospects, Association for Professional and Practical Ethics, Cincinnati, OH, Feb. 28, 2004.
- Value Judgments and Risk Assessment for GM Crops, Iowa State University, Mar. 2, 2004.
- “Ethics and Agricultural Intensification,” FAO Conference on Ethics and Agricultural Intensification, Wye College, Imperial University, Wye, United Kingdom, Jan. 10, 2004.
- “Thomas Jefferson and Agrarian Philosophy,” (plus two other lectures), Taiwan National University, Taipei, December 8-11, 2003.
- “Technological Commodification,” American Political Science Association National Meeting, Philadelphia, PA, Aug 30, 2003.
- “Rationality, Egoism and Ethics: Are They Equivalent?” American Agricultural Economics Association, July 28, 2003.
- “Research Ethics and Animal Biotechnology,” Presentation at the FRONTIS Workshop on Professional Ethics, Wageningen University, Wageningen, The Netherlands, May 20, 2003.
- “Getting Pragmatic about Farm Animal Welfare,” Pacific Sociology Association meeting, Pasadena, CA, April 3, 2003.
- “The Labeling Issue as a Risk Management Approach,” Panel Presentation GE<sup>3</sup>LS Symposium 2003, Montreal, Canada, Feb. 8, 2003.
- “Biotechnology and the Natural: Extra-Medical Sources of Interpretation,” Paper Presentation, American Bioethics and Applied Humanities Society Annual Meeting, Baltimore Maryland, Oct. 25, 2002.
- “Discourse Ethics and Occasional Philosophy,” East European Pragmatist Forum, Krakow, Poland, June 12, 2002.

- “You Are NOT What You Eat,” Invited Plenary Address, Eat, Drink and Be Merry? A Symposium, Amsterdam, The Netherlands, June 5, 2002.
- “Shifty Risk Comparisons: Genetically Engineered and Conventionally Bred Crops,” Tanner Symposium, Utah State University, March 15, 2002.
- “Agricultural Biotechnology, Public Participation and Risk,” Panel Presentation, Association for Professional and Practical Ethics, Cincinnati, OH, March 1, 2002.
- “Ethical Issues in Agricultural Biotechnology,” American Association for the Advancement of Science, Washington, D.C., Jan. 23, 2002.
- “Animal Welfare, Cloning and Transgenics,” National Research Council Workshop on Animal Biotechnology, Washington, D.C. Nov. 18, 2001, excerpted on National Public Radio Morning Edition, Dec. 4, 2001.
- “Ethical Issues in Research Management: The Case of Agricultural Biotechnology,” Invited Presentation, EUAGRI Annual Conference, Lisbon, Portugal, May 18, 2001.
- “What Is ‘What You Eat’?” Convivium Satellite Session, American Philosophical Association Central Division, Minneapolis, MN, May 4, 2001.
- “Ethics and Agricultural Biotechnology: Why Is Everybody So Mad at Us?” College of Agriculture Symposium, Feb. 27, 2001; “Conceptualizing Risk: Issues for Interpretation, Communication and Public Involvement,” Environmental Policy Symposium, Feb. 28, 2001, both Ohio State University, Columbus.
- “Agricultural Biotechnology: Ethical and Cultural Issues,” Gordon Research Conference on Agricultural Science, Ventura Beach, CA, Feb. 11, 2001.
- “Agricultural Biotechnology, Justice and the Good,” Symposium on Governing GMO’s, President’s Centennial Series, University of Minnesota Law School, Minneapolis, MN, Feb. 1, 2001.
- “The Reshaping of Conventional Farming: A North American Perspective,” Invited Address, 2<sup>nd</sup> Congress of the European Society for Agricultural and Food Ethics, Copenhagen, Denmark, August 26, 2000.
- Panel Presentation, The Precautionary Principle in Food Safety, The Embassy of France to the United States, Washington, DC, July 20, 2000.
- “Privacy, Secrecy and Security,” Conference on Computer Ethics and Philosophical Enquiry, Dartmouth College, Hanover, NH, July 15, 2000.
- “Pragmatism and Biotechnology,” Summer Institute on American Philosophy, University of Vermont, Burlington, VT, July 12 & 13, 2000.
- “Ethical Issues for Gene Technology: The Emerging Paradigm of Consumer Concerns,” Conference on Cloning and Transgenic Animals, Utah State University, June 19, 2000.
- Workshop Reporter, Transatlantic Platform on International Trade and Consumer Concerns, Lelystad, The Netherlands, June 16-17, 2000.
- “Bioethics Issues for the Biobased Economy,” National Agricultural Biotechnology Council Annual Meeting, Orlando, FL, May 13, 2000.
- “GMO’s in Our Food,” Panel Presentation, National Consumer League Annual Meeting, Milwaukee, WI, May 1, 2000.
- “Religious Tolerance and GMO’s,” Association of Popular Culture Annual Meeting, New Orleans, LA, April 21, 2000.
- “Understanding Consumer Attitudes and Values,” Institute for Animal Agriculture Inaugural Meeting, Corpus Christi, TX, April 11, 2000.
- “What’s the Problem with Animal Agriculture?” Society for the Advancement of American Philosophy, American Philosophical Association, Pacific Division Meeting, Albuquerque, NM, April 6, 2000.
- Panel Presentation, International Association of Culinary Professionals, Providence R. I. April 1, 2000.
- “Ethics and Consumer Acceptance,” Conference on The Science and Controversy of GMO’s, Iowa State University, Ames, IA, March 4, 2000.
- “How Technology Changes Rights: The Case of Mechanization,” Department of Agricultural Engineering, Iowa State University, Ames, IA, March 3, 2000.
- “Walk a Mile in the European Consumer’s Shoes,” Delaware Governor’s Conference on Agriculture, Dover, DE, Feb. 27, 2000.
- “Cultural Integrity vs. Individual Consent: Further Thoughts on GMO’s in the Food System,” East-West Philosophy Conference, University of Hawaii, Jan. 13, 2000.
- “Defining the Agrarian Tradition,” Social Science History Association, Ft. Worth, TX, November 13, 1999.
- “Contentious Issues in Animal Agriculture: The Broader Context of Social and Environmental Concerns,” College of Veterinary Medicine, University of Pennsylvania, Philadelphia, PA, November 5, 1999.

- “Ethical Implications for International Trade Standards,” Institute for Food and Agricultural Standards, Michigan State University, East Lansing, MI, November 2, 1999.
- “Against Mechanism,” (with A. A. Schmid) American Association of Agricultural Economics Annual Meeting, Aug. 10, 1999, Nashville, TN.
- “The Environmental Ethics Case for Crop Biotechnology,” Meeting of the Society for Applied Ethics, Oxford University, June 28, 1999; American Philosophical Association Central Division Meeting, May 7, 1999; University of Missouri, Columbia, May 25, 1999.
- “Consumer Acceptance of Biotechnology: The Ethics of Optimization and Consent,” University of Wisconsin-Madison, April 1, 1999.
- “Envisioning the Future,” Panel Presentation, First European Congress on Agriculture and Food Ethics, Wageningen, The Netherlands, March 5, 1999.
- “Jefferson and Agrarianism,” Society for the Advancement of American Philosophy, Eugene OR, Feb. 26, 1999.
- “Conceptualizing Risk for Food Safety,” National Research Council Working Group on Science and Trade, Irvine, CA, Jan. 26, 1999.
- “Food Safety and the Ethics of Consent,” American Association for the Advancement of Science, Anaheim, CA, January 22, 1999.
- “Ethics and Biotechnology,” Cornell University, October 2, 1998.
- “The Ethics of Livestock Cloning,” American Society of Animal Science/American Dairy Science Association Meeting, Denver CO, Aug. 3, 1998.
- “Ethical Issues,” Workshop on Biotechnology, The Foundation for Nutritional Advancement, The Johns Hopkins University Center, Bologna, Italy, Nov. 17, 1997.
- “Can Modern Farming Recapture the Spirit of the Soil?” Keynote Address, The Soul of Agriculture Conference, Hubert H. Humphrey Center, Minneapolis, MN, Nov. 14, 1997, sponsored by the Center for Respect of Life and the Environment.
- “Sustainable Livestock Production: Methodological and Ethical Challenges,” European Allied Animal Production Meeting, Vienna, Austria, Aug. 26, 1997.
- “From a Philosopher’s Perspective, What Should Animal Scientists Do to Meet the Challenge of Contentious Issues,” American Animal Science Society Annual Meeting, Nashville, TN, July 31, 1997.
- “Consumer Acceptance: The Final Stage of Technology Acceptance: Ethical Issues,” Workshop on Transgenic Animals, Royal Swedish Academy of Agriculture and Forestry, Stockholm, Sweden, May 23, 1997.
- “Value Frames and Ethics for Resource Management,” Invited Address, Confluences Conference ‘97, Oregon State University, at Newport, OR, May 17, 1997.
- “Ethics and Food Safety,” Ph.D. Workshop on the Social Construction of Food, Centre for Rural Studies Research, Norwegian Science and Technological University, Trondheim, Norway, April 14, 1997.
- “Three Teaching Cases for Natural Resource Management,” Association for Professional and Practical Ethics, Washington, D.C., March 9, 1997.
- “Value Frames and Natural Resource Management,” Society for Range Management, Rapid City, S.D. Feb. 9, 1997.
- “Animal Biotechnology: Social and Ethical Issues,” The Third Asia Pacific Conference on Agricultural Biotechnology, Prachuab Kirikhan, Thailand, November 11, 1996.
- “Sustainability as a Norm,” Society for Philosophy and Technology, Puebla, Mexico, October 30, 1996.
- “Food Biotechnology’s Challenge to Cultural Integrity and Individual Consent,” Inaugural Jesselson Symposium on Technology, Ethics and Judaism, Technion - Israel Institute of Technology, Haifa, Israel, October 7, 1996.
- “The Varieties of Sustainability in Livestock Farming,” 4th International Livestock Farming Systems Symposium, Research Centre Foulum, Denmark, August 22, 1996.
- “Markets, Moral Economy and the Ethics of Sustainable Agriculture,” Symposium on Rural Reconstruction in a Market Economy, Mansholt Institute, Wageningen Agricultural University, Wageningen, The Netherlands, December 14, 1995.
- “Farming as Focal Practice,” Conference on Technology and the Character Contemporary Life, University of Alberta, Edmonton, Alberta, Canada, Sept. 30, 1995.
- “Moral Economy in *The Grapes of Wrath*,” Agriculture, Food and Human Values Annual Meeting, Tuskegee University, AL, June 10, 1995.
- “Biotechnology, Food Labels and the Ethics of Consent,” Biotechnology Industry Organization (BIO) Meeting, San Francisco, CA, May 24, 1995.
- “Ethics, Prediction and Environmental Science,” ISPS Interdisciplinary Faculty Seminar on the Environment, Yale University, April 14, 1995.

- "Technological Responsibility: Imperative or Oxymoron?" North Dakota State University, Fargo, ND, March 27, 1995.
- "The Moral Significance of Land," Program on Agrarian Studies Seminar, Yale University, March 4, 1995.
- "Sustainability from Seed to Nation State," American Association for the Advancement of Science Annual Meeting, Atlanta, GA, Feb. 17, 1995.
- "Balancing Diversity and Values in Public Policy Education," Keynote Address at National Public Policy Education Conference, Boise, ID, Sept. 1994.
- University of Nebraska, 3 lectures: "What's Holistic About Holism," "Ethical Issues in Biotechnology," and "Workshop on Ethics and Agricultural Research." Oct. 2-4, 1994.
- "Animal Biotechnology and Ethical Issues," University of California, Davis, CA, April 12, 1994.
- "Conceptions of Property and the Biotechnology Debate," American Association for the Advancement of Science, San Francisco, February 1994.
- "Social Consequences," presentation at the African Workshop on Biosafety, USAID, Cairo, Egypt, January, 1994.
- "Ethical Worldviews and Decision Making and Agriculture" Keynote Address at Decision Making in Agriculture: The Role of Ethics, Nova Scotia Agricultural College, Truro, Nova Scotia, Canada, January 20-22, 1994.
- "Risks and Responsibilities in Modern Agriculture," International Conference on Issues in Agricultural Bioethics, University of Nottingham, Loughborough, England, September 13-17, 1993.
- "Environment, Development and the Rhetoric of International Consensus," Conference on Communication and Our Environment, Big Sky, Montana, July 23-25, 1993.
- "Is Sustainable Agriculture a Fascist Ideology?" annual meeting of the Agricultural Food and Human Values Society, Pennsylvania State University, University Park, Pennsylvania, June 3, 1993.
- "Social and Ethical Issues in Biosafety," Latin American/Caribbean Biosafety Workshop, sponsored by USAID, Oracabessa, Jamaica, May 10-13, 1993.
- "Agricultural Philosophy: A Ten Year Look," American Philosophical Association, Central Division Meeting, Chicago, Illinois, April 22, 1993.
- "Food Security and Technocentrism in Agriculture," An Environmental Ethics Perspective on Canadian Policy for Sustainable Development, Institute for Research on Environment and Economy, University of Ottawa, Ottawa, Canada, Oct. 2, 1992.
- "Biotechnology: Problem or Solution?" Swedish Agricultural University, Uppsala, Sweden, Aug. 17, 1992.
- "Normative Studies of Agricultural Science," Society for Social Studies of Science Annual Meeting, Gothenburg, Sweden, Aug. 15, 1992.
- "Some Common Elements of Ethical Choices," Conference on Ethics in Agricultural Research, The Rockefeller Foundation USDA/CSRS, Bellagio, Italy, April 8, 1992.
- "Designing Animals: Ethical Issues for Genetic Engineers," American Dairy Science Association National Meeting, Utah State University, Logan, UT, Aug. 13, 1991.
- "Agrarianism and American Thought," American Studies Institute, University of Innsbruck, Innsbruck, Austria, July 3, 1991.
- "Animals in the Agrarian Ideal," International Conference on Farm Animal Welfare: Ethical, Scientific and Technological Perspectives, Aspen Institute for Humanistic Studies, Queenstown, MD, June 7-10, 1991.
- "The Varieties of Sustainability," Agriculture Food and Human Values Society Presidential Address, Asilomar CA, May 12, 1991.
- "Values in the Applied Science Laboratory," Society for Philosophy and Technology Meeting, Reciento Universidad de Mayaguez, University of Puerto Rico, March 10, 1991.
- "Ethical Issues in Biotechnology: Ice Minus, BST and Other Inventions," Cornell University, March 7, 1991.
- "Constitutional Values and the American food System," Institute for Alternative Agriculture, Washington, DC, March 6, 1991.
- "Foreign Aid, Agricultural Trade, and the True Interests of U.S. Agriculture," Iowa State University, Ames, IA, Jan. 28, 1991.
- "Ethical Dimensions of Agricultural Research and Education" The Pennsylvania State University, University Park, PA, Nov. 26, 1990
- "Internalizing Values for Agricultural Research," American Association for the Advancement of Science, Annual Meeting, New Orleans, LA, Feb. 17, 1990.
- "Animal Welfare and Animal Rights," to Ohio Dairy Farmers Federation Annual Meeting, Columbus, OH, Jan. 15, 1990.
- "Biotechnology and the Political Evaluation of Risk," University of Missouri, Columbia, Dec. 7, 1989.



- "Values in Food Production," Ethics in an Age of Pervasive Technology International Conference, University of Guelph, Ontario, Oct. 15, 1989.
- "Agricultural Biotechnology and the Politics of Risk," University of South Florida, Tampa, FL, Sept. 15, 1989.
- "Burke, Bentham, and Biotechnology," Society for Philosophy and Technology, International Meeting, University of Bordeaux, July 1, 1989.
- "Risk Objectivism and Risk Subjectivism: When Are Risks Real?" Public Participation in Risk Management: Ethics, Science and Law, Franklin Pierce Law Center, Concord, NH, Oct. 13, 1988.
- "Agriculture, Biotechnology, and the Political Evaluation of Risk," Panel Presentation, National Meeting, American Political Science Association, Washington, DC, Sept. 3, 1988.
- "Ethical Issues in Agriculture: The Importance of Recognition and Debate," The University of Wyoming, Feb. 19, 1988.
- "Philosophical Aspects of the Concept of Risk," Resources For the Future, Washington, DC, Dec. 4, 1986.
- "Welfare and Rights," Department of Animal Science, University of Maryland, College Park, MD, Nov. 19, 1986.
- "Ethics and Myth in Agricultural Sustainability," Kansas State University, Manhattan, KS, March 28, 1986.
- "The Social Goals of Agriculture from Thomas Jefferson to the 21st Century," GTE Symposium on Agriculture in the 21st Century, Carthage College, Kenosha, WI, Oct. 28, 1985.
- "Of Cabbages and Kings," Society for Value Inquiry, American Philosophical Association Central Division Meeting, April 28, 1985.
- "Teaching the Problems of Agricultural Technology," Fifth International Conference on Teaching Philosophy, University of Toledo, Toledo, OH, Aug. 14, 1984.
- "Technological Risk Assessment and Ethical Policy Decision Making," Conference on Ethics in the Professions, University of Northern Kentucky, Oct. 5, 1982.
- "Why Subways Have to Be Safer Than Highways," National Conference on Engineering Ethics, RPI, June 14, 1980.

### **Grants and Contracts:**

- Michigan Animal Agriculture Alliance, "Attitudes toward Animal Agriculture: Understanding and Influencing Attitudes Using Experiential Learning," funded November, 2015.
- National Institute for Standards and Technology, "Fostering Standards Literacy at an R1 Institution," 70NANB15H339, \$74,997, funded September 2015
- National Institute for Standards and Technology, "Toward Standards-Literate Citizens: Curricular Materials and Educational Strategies." 60NANB12D254, \$25,000 funded September 2012.
- Institute for Sustainable Solutions, Portland State University, Portland, OR. Personal Services Contract, Consulting on environmental philosophy and on interdisciplinary research with the IGERT on Ecosystem Services in Urbanizing Regions, \$60,000 finalized Oct. 1, 2011.
- National Science Foundation, "Anticipatory Workshop on Biosensors in the Agrifood Sector," SES-1055542 Lead P.I. \$50,689, Funded Aug. 2010.
- World Health Organization/National Institutes of Health, "Contract for Contributions to a Framework for Field Testing Transgenic Mosquitoes," \$10,000, funded April, 2010.
- The Sloan Foundation, Ethics and Synthetic Biology, Collaborating P.I. with the J. Craig Venter Institute, Rockville, MD, \$174,439 funded Aug. 2009.
- U.S. Department of Agriculture/CSREES. "Social Sustainability in Egg Production," (Co. P.I. with Janice Swanson and Joy Mench) \$400,000, funded Aug. 2007.
- National Science Foundation, "NIRT: Building Capacity for Social and Ethical Research and Education in Agrifood Nanotechnology," \$1,720,000, SES-0403847 funded Aug. 2004.
- Genome BC, Vancouver BC, Contract for advice on structure and review of social and ethical issues research portfolio, September 2007, \$7500.
- MSU/Pew Initiative on Food and Agricultural Biotechnology Collaboration. "Ethical Issues in Animal Biotechnology and Cloning," \$2000 MSU, \$180,000 Pew, Jan. 2005-March 2007.
- National Science Foundation, "Third Party Certification in Food and Agriculture: A Study in Values and Science," (Co P.I. with Lawrence Busch, Lead P.I.), \$250,000, funded July, 2004.
- Food and Agriculture Organization of the United Nations, Contract for multiple projects on intensification and biotechnology, US\$20,000. Approved, February, 2003.
- Purdue Research Foundation, "Transnational Cosmopolitanism," Dissertation Research Award for J. Todd Ferguson, \$28,500, funded Aug. 2002.
- Genome Canada, Contract for Review of Research Proposals, US\$7,000. Approved January, 2002.

Food and Agricultural Organization of the United Nations, Contract for White Paper/Expert Consultation on Ethics, Food Safety and the Right to Food, \$6000. Approved December, 2001.

Canadian Biotechnology Advisory Commission, White Paper on Ethical Issues in Food Biotechnology, CA\$23,000, Contract Approved June 15, 2000.

Purdue Center for Information Assurance and Security, Ethics in Education for Computer Professionals, \$15,000, funded June 2000.

Purdue Center for Information Assurance and Security, Philosophical Issues in Information Technology, \$18,500, funded June 1999.

Purdue Research Foundation, "Morality of the Group," Dissertation Research Award for Mary Lyn Stoll, \$27,400, funded Aug. 1998.

National Science Foundation, "Ethical Issues for Food Biotechnology: A North America-Europe Comparison," SBR9602968, \$49,797, funded April 1997.

Texas Advanced Technology Research Program, "Improving and Implementing Risk Assessment, Part II," \$49,000, funded Sept. 1995.

U.S. Department of Agriculture, Cooperative Extension Service, Grant for Three Satellite Teleconferences on Agricultural Ethics (with A. Powell), \$19,000, funded Sept. 1994.

Texas Advanced Technology Research Program, "Improving and Implementing Risk Assessment of Agricultural Practice," (with D. Vietor) \$59,300 funded Sept. 1993.

U.S. Department of Agriculture, Cooperative State Research Service, "Probabilistic Risk Assessment for Managing Dairy Waste," (with D. Vietor and B. Harris) \$150,000 funded Sept. 1993.

National Science Foundation, Ethics and Value Studies, "Sustainability as a Norm," \$88,000 funded Oct. 1992, renewed June 1994, \$25,000, renewed April 1995, \$10,000.

The Rockefeller Foundation, Division of Arts and Humanities, "Ethics and Agricultural Development," \$23,701 funded Sept. 1992; \$37,780 renewed Dec. 1992; \$15,000 renewed April 1993.

The National Agricultural Biotechnology Council, Contract to support NABC Conference at Texas A&M, \$25,000 approved Feb. 1992.

Texas Advanced Technology Research Program, "Assessing and Integrating Risks of Agricultural Practice" (With D. Vietor and M.L. Wolfe) \$95,621 funded Oct. 1991.

U.S. Department of Agriculture, Office of Higher Education, Grant for Developing AG\*SAT Broadcast of agricultural ethics course, (With D. Vietor) \$59,000, funded Oct. 1991.

U.S. Department of Agriculture, Office of Higher Education, Grant for Development of Case Studies in Agricultural Ethics (With D. Vietor, co-P.I.) \$43,000 funded Oct. 1990.

Texas Advanced Technology Research Program, "Risk Assessment for Agricultural Research: Quantitative and Qualitative Considerations" (With B. Stout, co-P.I.): \$89,000 funded Oct. 1989.

The National Science Foundation, Ethics and Values Studies, Grant to study the social and ethical goals of agricultural research decisions (With B. Stout, co-P.I.): \$112,599 funded Aug. 1988.

Texas Agricultural Experiment Station and College of Liberal Arts, Texas A&M University, Grant for research on conflicts of interest between U.S. agricultural producers and farmers in the developing world: \$6000 funded July, 1988.

The Rockefeller Foundation, Grant to support international travel for Council on Foreign Relations IAF Fellowship: \$19,500 funded Jan. 1987.

Council on Foreign Relations, through funds of the MacArthur Foundation, salary stipend for International Affairs Fellowship: \$30,000 funded Sept. 1986.

College of Liberal Arts, Texas A&M University, Departmental Development Grant for workshops on agriculture and business ethics: \$7000 funded Dec. 1985.

W. K. Kellogg Foundation, Grant for curriculum development in agriculture and liberal arts: \$99,184 funded Sept. 1984.

Texas Committee for the Humanities, The Land Myth in Texas Agriculture symposium: \$7,135 funded Sept. 1984.

Franklin J. Machette Foundation, seminar on artificial intelligence: \$1300 funded July 1984.

### **Major Professional Affiliations:**

Agricultural and Applied Economics Association, Member  
 American Philosophical Association, Member, Central Division  
 Society for the Advancement of American Philosophy, Member

Society for Agriculture, Food and Human Values, Member, President 1991-1993  
Society Philosophy and Technology, Member; Vice-President, 2002-2003; President, 2004-2005  
International Society for Environmental Ethics, Member, Secretary, 2003-2006.  
Society for Risk Analysis, Charter Member  
International Association for Environmental Philosophy, Member  
European Society for Agriculture and Food Ethics, Member  
Association for Practical and Professional Ethics, Member