CURRICULUM VITAE Updated 11//21/2026

GARY LYNN COMSTOCK

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Specialization: Ethics

Teaching Experience

St. Xavier College, Chicago, Illinois (part time)	1978
Indiana University Northwest, Gary, Indiana (part time)	1980
Mundelein College, Chicago, Illinois (part time)	1980
DePaul University, Chicago, Illinois (part time)	1980-81
Oregon State University, Corvallis, Oregon	1989-90
Iowa State University	
Assistant Professor	1982-88
Associate Professor	1988-00
Professor	2000-02
North Carolina State University	
Professor	2002-20
Alumni Association Distinguished Undergraduate Professor	2022-

Appointments, Honors, and Awards

B. A. with High Honor: Wheaton College	1976
University Fellowship: University of Chicago	1981-82
Junior Fellow: Institute for the Advanced Study of Religion, University of Chicago	1981-82
Center Associate: National Rural Studies Committee, Oregon State University	1988-89
Vice President: Agriculture, Food and Human Values Society	1992-93
President: Agriculture, Food & Human Values Society	1993-94
Member: Center of Theological Inquiry, Princeton, New Jersey	1990-2000
LAS Award for Excellence in Outreach, College of Liberal Arts and Sciences, I.S.U.	1998
Center Associate, Trent Center for Bioethics, Duke University	2003-8
ASC Fellow, National Humanities Center, Research Triangle Park, NC	2007-8
ASC Fellow, National Humanities Center, Research Triangle Park, NC	2008-9
Member, NC State Academy of Outstanding Teachers	2015
Alumni Association Outstanding Teacher Award	2015

External Online Ethics Prize, Honorable Mention, PEA Soup 2017
Alumni Distinguished Undergraduate Professor 2020
Best Paper, "The Prawn Hypothesis," Conference on Interspecies Welfare Comparisons, London School of Economics 2022
Board of Governors Award, College of Humanities & Social Sciences Nominee 2023

Education

High School: Wheaton Central, Wheaton, Illinois
Undergraduate: Wheaton College, Wheaton, Illinois
B.A., Religious Studies, English Literature, 1976
Graduate: University of Chicago, Chicago, Illinois
A.M., Divinity, 1977
Ph.D., Religion and Literature, 1983

Publications

Books

Is There A Moral Obligation to Save the Family Farm?, editor (Ames: Iowa State University Press, 1987).

Religious Autobiographies, editor (Belmont, CA: Wadsworth, 1995).

"_____," *2nd ed.*, editor, with C. Wayne Mayhall (2004).

Editor and author of a New Foreword to *John Styles, The Animal Creation: Its Claims on Our Humanity Stated and Enforced,* published by T. Ward in 1839 in London (Lewiston, NY: Edwin Mellen Press, 1997).

Vexing Nature? On the Ethical Case against Agricultural Biotechnology (Boston: Kluwer Academic Publishers, 2000).

Life Science Ethics, editor, (Ames: Iowa State University Press, 2002).

"_____," *2nd ed.* (Dordrecht: Springer, 2010).

On Being a Scientist, 3nd ed., editorial committee with Carolyn Bertozzi, John Ahearne, Francisco Ayala, Andrea Bertozzi, David Bishop, Deborah Johnson, Michael Loui, Rebecca Richard-Kortum, Nicholas Steneck, and Michael Zigmond, (Washington, DC: The National Academies Press, 2009).

"_____," in Japanese (Kyota: Kagaku-Dojin, 2010).

Research Ethics: A Philosophical Guide to the Responsible Conduct of Research (Cambridge: Cambridge University Press, 2013).

The Moral Rights of Animals, co-editor with Mylan Engel, Jr., (Lanham, MD: Lexington Books, 2016), 294 pages.

Chimpanzee Rights: The Philosophers' Brief, co-author with Kristin Andrews, Gillian K. D. Crozier, Sue Donaldson, Andrew Fenton, Tyler M. John, L. Syd M Johnson, Robert Jones, Will Kymlicka, Letitia Meynell, Nathan Nobis, David Pena-Guzman, Jeff Sebo, and Adam Shriver (New York: Routledge, 2019), 121 pages.

Journals edited

Guest Editor, *Journal of Agricultural and Environmental Ethics*, Vol. 4, No. 2 (December 1991).

Guest Editor, *Journal of Agricultural and Environmental Ethics*, Vol. 7, No. 1 (January 1994).

Guest Editor, *Journal of Agricultural and Environmental Ethics*, Vol. 8, No. 2 (October 1995).

Monograph

Editor, *Is There a Conspiracy Against Family Farmers*? *Agricultural Economics*, *Public Policy and Catholic Theology*, USF Monographs in Religion and Public Policy Number 5, Department of Religious Studies, University of South Florida, Tampa, Florida, 1990.

Peer-reviewed Articles

"The Yoruba and Religious Change," *The Journal of Religion in Africa* 10 (1979): 1-12.

"On Doing the Sacred Text," *Liturgy* 2 (1982): 25-29.

"Wayne C. Booth, Pluralist," *Religious Studies Review* 10 (July 1984): 252-257.

"Truth or Meaning: Ricoeur versus Frei on Biblical Narrative," *Journal of Religion* 66 (April 1986): 117-140.

"_____," reprinted in *Hervormde Teologiese Studies* 45 (November 1989): 741-766.

"Face to Face With It: The Naive Reader's Moral Response to 'Ivan Illych,'" *Neophilologus* 70 (1986): 321-333.

"Why Christians Should Not Be Allowed to Teach Religion at State Universities," *Quarterly Review* 6 (Fall 1986): 37-53.

"Two Types of Narrative Theology," *Journal of the American Academy of Religion* 55 (Winter 1987): 687-717.

"How Not to Attack Animal Rights from an Environmental Perspective," *Between the Species* 4 (Summer 1988): 177-178.

"The Case Against bGH," in *Agriculture and Human Values* 5 (Summer 1988): 36-52.

"_____," reprinted in Steven Gendel, et. al., eds., *Agricultural Bioethics: Implications of Agricultural Biotechnology* (Ames: Iowa State University Press, 1990), pp. 309-339.

"_____," reprinted in Creighton Peden and John K. Roth, eds., *Rights, Justice and Community* (Lewiston, NY: Edwin Mellen Press, 1992), pp. 65-98.

"'Everything Depends on the *Type* of the Concepts that the Interpretation is Made to Convey': Max Kadushin Among the Narrative Theologians," *Modern Theology* 5 (April 1989): 169-191.

"_____," reprinted as "Christian Value Concepts" in Peter Ochs, ed., in *Understanding the Rabbinic Mind*: *Essays on the Hermeneutic of Max Kadushin* (Atlanta: Scholars Press, 1990), pp. 113-140.

"Is Postmodern Religious Dialogue Possible?" *Faith and Philosophy* 6 (April 1989): 189-197.

"Genetically Engineered Herbicide Resistance, Part One," *Journal of Agricultural Ethics* 2 (1989): 263-306.

"Genetically Engineered Herbicide Resistance, Part Two," *Journal of Agricultural Ethics* 3 (1990): 114-146.

"_____," reprinted in abridged form as "Is Genetically Engineered Herbicide-resistance Compatible with Low-input Sustainable Agriculture?" in June Fessenden MacDonald, ed., *Biotechnology and Sustainable Agriculture: Policy Alternatives*, National Agricultural Biotechnology Council, 211 Boyce Thompson Institute, Ithaca, NY, 1989, pp. 111-123.

"_____," reprinted in abridged form as "Genetically Engineered Herbicide-resistance and Low-input Sustainable Agriculture," in *Research in Philosophy and Technology: Volume 12, Technology and the Environment* (Wiley, 1992).

"Truth in an Uncalm World," *The Journal of Religion* (1990): 437-446.

"The Rights of Animals and Family Farmers," *Between the Species* 7 (Summer 1991): 153-156.

"The Costs and Benefits of bGH May Not Be Distributed Fairly," *Journal of Agricultural and Environmental Ethics* 4 (1991): 121-130.

"Pigs and Piety: A Theocentric Perspective on Food Animals," *Between the Species* 8 (Summer 1992): 121-135.

> "_____," reprinted in Charles Pinches and Jay McDaniel, eds., *Good News for Animals*? *Christian Approaches to Animal Well-Being* (Orbis Press, 1993), pp. 105-127.

With Jack Dekker: "Ethical and Environmental Considerations in the Release of Herbicide Resistant Crops," *Agriculture and Human Values* 9 (Summer 1992):31-43.

"Should We Genetically Engineer Hogs?" *Between the Species* 8 (Fall 1992): 196-202, with a response by David Detmer, pp. 203-208.

> "_____," reprinted in Therese Leroux and Lyne Letourneau eds., *L'etre humain, l'animal et l'environnement: Dimensions Ethiques et Juridiques* (Montreal: Editions Themis, 1996), pp. 183-194.

"The Moral Irrelevance of Autonomy," *Between the Species* 8 (Winter 1992): 15-27.

"The Truth of Religious Narratives," *International Journal for Philosophy of Religion* 34 (1993):131-150.

> "_____," translated into Thai at ThaiSDOphilosophy.net (2005).

"Ethics and Scientific Research," *SRA Journal 26* (Fall 1994): 33-37.

"Do Agriculturalists Need a New, an Ecocentric, Ethic?" *Agriculture and Human Values* 12 (Winter 1995): 2-16.

"An Extensionist Environmental Ethic," *Biodiversity and Conservation* 4 (1995): 827-837.

> "_____," reprinted in N.S. Cooper and R.C.J. Carling, eds., *Ecologists and Ethical Judgements* (London: Chapman & Hall, 1996), pp. 43-53.

"Theism and Environmental Ethics," in Philip Quinn and Charles Taliaferro, eds., *Blackwell Companion to the Philosophy of Religion* (Oxford: Blackwell, 1997), pp. 505-513.

"Agricultural Ethics," in Edward Craig, ed., *Routledge Encyclopedia of Philosophy* (London: Routledge, 1998).

"Comments on Joseph J. Lynch's `Theodicy and Animals,'" *Between the Species* (1998)

"Research with Transgenic Animals: Obligations and Issues" *The Journal of BioLaw and Business* 2 (Autumn 1998): 51-54. An earlier version appeared as a discussion paper, "What Obligations Have Scientists to Transgenic Animals?" in the Center for Biotechnology Policy and Ethics Discussion Paper Series, Texas A&M University, College Station, TX, in 1992.

> "_____," reprinted in *Ethics and Patenting of Transgenic Organisms*, published by National Agricultural Biotechnology Council, 159 Biotechnology, Cornell University, Ithaca, NY, 1992.

"Religion and American Autobiographical Writing," *Religion and American Culture* 9 (1998): 13-20.

"Is it Unnatural to Genetically Engineer Plants?" *Weed Science* 46 (1998): 647-651.

> "_____," revised version translated into Spanish as "Es Antinatural la Manipulacion Genetica de los Animales?" *Proceedings of the Segundo Congreso Caribeno de Bioetica, University of Puerto Rico, Mayaguez, March 1998*.

"The Iowa State University Model Bioethics Institutes," *The Bulletin of Science, Technology, and Society* 19 (August 1999): 323-328.

"Make plans on the hoof," *Times Higher Education Supplement* (London) 22 - 29 December 2000, p. 19.

With Valerie Askren, Raymond Carthy, Carlene Chase, Eldon Franz and Taiwo Oriola, "More Citation Vigilance," letter to the editor, *The Scientist* 2002, 16 (17): 14.

With Jeffrey Burkhardt, Peter Hartel, and Paul Thompson: "Agricultural Ethics," CAST Issue Paper 29 (February 2005), includes reprinting of previously published material.

"Intuitive Level System Rules: Commentary on 'Utilitarianism and the Evolution of Ecological Ethics,'" *Science and Engineering Ethics* 14 (2008), pp. 575-579.

"The Role of Philosophers in Research Ethics," *Journal of Microbiology and Biology Education* 15, 2 (December 2014), pp. 139-142; the article is an abridgment of the "Introduction" to *Research Ethics: A Philosophical Guide to the Responsible Conduct of Research.*

With Bill Bauer, “Getting It Together: Psychological Unity and Deflationary Accounts of Animal Metacognition” *Acta Analytica* 33, 4 (2018): 431-451. 10.1007/s12136-018-0340-0

“What Do We Need to Know to Know that Animals are Conscious of What They Know?” *Animal Behavior and Cognition* 6, 4 (2019): 289-308.

“Pain in Pleocyemata, but not in Dendrobranchiata?” *Animal Sentience*, 2022.

With Caroline A. Sjogren and Carlos C. Goller, “Connecting Ethical Reasoning to Global Challenges through Analysis of Argumentation,” *Journal of Microbiology & Biology Education*, 16 March 2023.

“Does Claude Need Review Board Protection?” *Blog of the APA*, July 17, 2026.

Chapters in Books

"Telling the Whole Story? American Narrative Theology After H. Richard Niebuhr," in *Religion and Philosophy in the United States*, Peter Freese, ed. (Essen: Verlaug die Blaue Eule, 1987), pp. 125-152.

"On Public Perceptions, Ethicists and Biotechnology," in R.B. Batra, ed., *Public Perceptions of Biotechnology*, (Washington: U.S.D.A., A.R.S., 1987), pp. 117-121.

"Is Genetically Engineered Herbicide Resistance Compatible with Low Input Sustainable Agriculture?" in June Fessenden MacDonald, ed., *Biotechnology and Sustainable Agriculture: Policy Alternatives*, National Agricultural Biotechnology Council, 211 Boyce Thompson Institute, Ithaca, NY, 1989, pp. 111-123. Excerpted and reprinted from *Journal of Agricultural Ethics*.

"Discussion (A Response to Lester Thurow)," in *Proceedings of Phase I Workshop*, Neill Schaller, compiler, Social Science Agricultural Agenda Project (Washington, D.C.: U.S.D.A., Economic Research Service, 1987), pp. 219-225.

"_____," reprinted as "Comments on Thurow" in Glenn L. Johnson and James T. Bonnen, eds. *Social Science Agricultural Agendas and Strategies* (East Lansing: Michigan State University Press, 1991): 65-67.

"Moral Arguments for Family Farms," in Comstock, ed., *Is There a Moral Obligation to Save the Family Farm?* (Ames: Iowa State University Press, 1987), pp. 401-421.

"Grandma's Backbone, Dougie's Ankles," in Michael Martone, ed., *A Place of Sense* (Iowa City: University of Iowa Press, 1988), pp. 111-132.

"Is There a Conspiracy Against Family Farmers?" in Comstock, ed., *Is There a Conspiracy Against Family Farmers?* USF Monographs in Religion and Public Policy, University of South Florida, Tampa, Florida, 1990, pp. 3-15.

"Christian Value Concepts," in Peter Ochs, ed., *Understanding the Rabbinic Mind: Essays on the Hermeneutic of Max Kadushin* (Atlanta: Scholars Press, 1990), pp. 113-140.

"Pigs and Piety: A Theocentric Perspective on Food Animals," in Charles Pinches and Jay McDaniel, eds., *Good News for Animals? Christian Approaches to Animal Well-Being* (Orbis Press, 1993), pp. 105-127.

"Transferring Essence," in W. Steven Burke, ed., *Symbol*, *Substance*, *and Science*: *The Societal Issues of Food Biotechnology* (Research Triangle Park, North Carolina: Biotechnology Center 1993), pp. 51-63.

"Some Virtues and Vices of Agricultural Technology," in Peter G. Hartel, ed., *Agricultural Ethics*: *Issues for the 21st Century* (Madison, WI: ASA-CSSA-SSSA, 1994), pp. 25-32.

"Toward an Evangelical Environmental Ethic," in S. Marianne Postiglione, and Robert Brungs, eds., *Christianity and the Environmental Ethos* (St. Louis: ITEST Faith/Science Press, 1996), pp. 69-85.

"An Alternative Ethic for Animals," in John Hodges and In K. Han, eds., *Livestock, Ethics and Quality of Life* (New York: CABI Publishing, 2000), pp. 99-118.

"_____," reprinted in Annette Dula, Shearon Smith, and Marian Gray Secundy, eds., *Veterinary Bioethics in the 21st Century* (Tuskegee, Alabama: National Center for Bioethics in Research and Health Care, 2001), pp. 77-99.

"Ethics and Genetically Modified Foods," SCOPE Research Group (U. California-Berkeley, U. Washington, and American Association for Advancement of Science, July 2001)

"_____," reprinted in Michael Ruse and David Castle, eds. *Genetically Modified Foods* (NY: Prometheus Books, 2002), pp. 88-107.

"_____," in Spanish as "¿Acoso a la naturaleza? Sobre los argumentos éticos en contra de las plantas transgénicas," by Enrique Iáñez, in Iáñez, ed. *Plantas transgénicas: de la Ciencia al Derecho* (Granada: Editorial Comares, 2002), pp. 79-94.

"_____," reprinted in Cristina Beckert, ed. *Etica Ambiental uma ética para o futuro* (Lisboa: Centro de Filosofia da Universidade de Lisboa, 2003), pp. 13-34.

"_____,"in Portuguese as "A Ética e os Alimentos Geneticamente Modificados," in Humberto Rosa, ed., *Bioética para as Ciências Naturais* (Lisboa: Fundação Luso-Americana, 2004), pp. 203-234.

"_____," reprinted in Tom Beauchamp, LeRoy Walters, Jeffrey Kahn, and Anna Mastroianni, eds. *Contemporary Issues in Bioethics,* 7th ed., (Wadsworth/Thomson Learning, 2008), pp. 752-759.

"_____," in German as "Ethik und genetisch modifizierte Lebensmittel" in Gerhard Wiegleb und Andreas Briese, eds., *Ethik in den Lebenswissenschaften* (Münster: Verlag Monsenstein und Vannerdat, 2008).

"_____," reprinted in David Kaplan, ed*., Readings in the Philosophy of Technology,* 2nd ed*.* (Lanham, MD: Rowman & Littlefield, 2009), pp. 484-497.

"_____," reprinted in Franz-Theo Gottwald, Hans Werner Ingensiep, and Marc Meinhardt, eds*., Food Ethics* (New York: Springer, 2010), pp. 49-66.

"_____," reprinted in David Kaplan, ed*., The Philosophy of Food* (University of California Press, 2012), pp. 122-139.

"_____," reprinted in David Schmidtz and Elizabeth Willott, eds*., Environmental Ethics: What Really Matters, What Really Works, 2nd ed.* (Oxford University Press, 2012), pp. 598-609.

"_____," reprinted in Ronald Sandler, ed*., Ethics and Emerging Technologies* (New York: Palgrave Macmillan, 2013), pp. 473-485.

"_____," reprinted in Russ Shafer-Landau, ed*., Living Ethics: An Introduction with Readings* (New York: Oxford University Press, 2018), pp. 663-640.

"_____," in Chinese as 伦理与转基因食物, tr. Yipin Xie, *Academia Ethica* 10 (2021), pp. 155-171.

With Humberto D. Rosa, "A Ética no Ensino das Ciências Naturais e da Vida: a Experiência do *International Bioethics Institute,*" in Humberto Rosa, ed., *Bioética para as Ciências Naturais* (Lisboa: Fundação Luso-Americana, 2004), pp. 21-36.

"What is Ethics?" ch. 1 in Comstock, ed., *Life Science Ethics* (Ames: Blackwell Publishing, 2002).

"_____," in German as "Grundlagen der Ethik," in Gerhard Wiegleb und Andreas Briese, eds., *Ethik in den Lebenswissenschaften* (Münster: Verlag Monsenstein und Vannerdat, 2008).

"Ethics and Religion," ch. 2 in Comstock, ed., *Life Science Ethics* (Ames: Blackwell Publishing, 2002).

"_____," in Portuguese as "A Ética e a Religião," in Humberto Rosa, ed., *Bioética para as Ciências Naturais* (Lisboa: Fundação Luso-Americana, 2004), pp. 67-84.

"_____," in German as "Ethik und genetisch modifizierte Lebensmittel," in Gerhard Wiegleb und Andreas Briese, eds., *Ethik in den Lebenswissenschaften* (Münster: Verlag Monsenstein und Vannerdat, 2008).

"Ethics and Science," ch. 4 in Comstock, ed., *Life Science Ethics* (Ames: Blackwell Publishing, 2002).

"_____," in Portuguese as "A Ética e a Ciência," in Humberto Rosa, ed., *Bioética para as Ciências Naturais* (Lisbon: FLAD Press, 2004), pp. 85-120.

"Veterinary Euthanasia," with Bernard Rollin, Jerrold Tannenbaum, Courtney Campbell, and Kathleen Moore in Comstock, ed., *Life Science Ethics* (Ames: Blackwell Publishing, 2002).

"Subsistence Hunting," in Steve Sapontzis, ed., *Food for Thought: The Debate over Eating Meat* (Amherst, NY: Prometheus, 2004), pp. 359-370.

"What are the ethical issues surrounding genetic modification of nature?" in William Purves, et al., *Life: The Science of Biology, 7th edition* (Sunderland, MA: Sinauer, 2004), p. 389.

With Humberto Rosa, "International Bioethics Institute: Promoting ethical education for the life and natural sciences," in Johan De Tavernier and Stefan Aerts, eds., *Science, Ethics and Society: 5th Congress of the European Society for Agricultural and Food Ethics, Preprints* (Leuven, Belgium: Katholieke Universiteit, 2004), pp. 121-124.

"The Production of Genetically Engineered Food Is Ethical," in Louise Gerdes, ed., *Genetic Engineering: Opposing* Viewpoints (San Diego: Greenhaven, 2004).

"_____," reprinted in *endnotes.com* (2006) at http://soc.enotes.com/genetic-article/48528

Joshua Lucas and Gary Comstock, "Do machines have prima facie duties?" in Bibi van den Berg and Laura Klaming, eds., *Technologies on the stand: legal and ethical questions in neuroscience and robotics* (Nijmegen, The Netherlands: Wolf Legal Publishers, 2011), pp. 380-393.

"_____," reprinted in Simon Peter van Rysewyk and Matthijs Pontier, eds. *Machine medical ethics* (London: Springer, 2015), pp. 79-92.

James R. Wilson, Lonnie Balaban, Gary Comstock, "Responsible Authorship," in Comstock, *Research Ethics: A Philosophical Guide to the Responsible Conduct of Research* (Cambridge: Cambridge University Press, 2013), pp.

"Harming Some to Enhance Others," in Simone Bateman, Jean Gayon, Sylvie Allouche, Jerome Goffette, and Michela Marzano, eds., *Inquiring into Animal Enhancement: Model or Countermodel of Human Enhancement?* (New York: Palgrave McMillan, 2015), pp. 49-78.

Daniele, Fanelli, Leiv Sydnes, Howard Ducharme, Merry Bullock, Gary Comstock, Carthage Smith, Immaculada de Melo-Martin, Susan Zimmerman, Mark Frankel, "Societal Considerations as Willingness to Dialogue—A Commentary to Singapore Statement Point N. 14," in Nicholas Steneck, Melissa Anderson, Sabine Kleinert and Tony Mayer, eds. *Integrity in the Global Research Arena* (Singapore: World Scientific, 2015), pp. 269-277.

"LaMettrie's Objection: Humans Act like Animals," in Mylan Engel Jr. and Gary Comstock, editors, *The Moral Rights of Animals* (Lexington Books, 2016), pp. 175-198.

Engel, Jr., Mylan and Gary Comstock, "The Moral Rights of Animals: An Overview of the Book," in Mylan Engel Jr. and Gary Comstock, editors, *The Moral Rights of Animals* (Lexington Books, 2016), pp. xix – xxix.

"Two Views of Animals in Environmental Ethics," David Schmidtz, ed., Philosophy: Environmental Ethics. Macmillan Interdisciplinary Handbooks: Philosophy Series. (Farmington Hills, MI: Macmillan Reference USA, 2017), pp. 151-183.

"Concerning Cattle: Behavioral and neuroscientific evidence for pain, desire, and self-consciousness," Anne Barnhill, Mark Budolfson, and Tyler Doggett, eds., *Oxford Handbook of Food Ethics* (Oxford University Press, 2017): 139-169.

"Far-persons," Andrew Woodhall and Gabriel Garmendia da Trindade, eds., *Ethics and Political Approaches to Nonhuman Animal Issues* (Palgrave Macmillan, 2017): 39-71.

"The Cattle in the Long Cedar Springs Draw," in *The Human–Animal Boundary: Exploring the Line in Philosophy and Fiction,* edited by Nandita Batra and Mario Wenning (Lexington Books, 2018), pp. 97-114.

"Bovine Prospection, the Mesocorticolimbic Pathways, and Neuroethics: Is a Cow's Future Like Ours?" in L. Syd M Johnson, Andrew Fenton, and Adam Shriver, eds. *Neuroethics and Nonhuman Animals* (Cham, Switzerland: Springer, 2020), pp. 73-97.

"Varner on Animals: Room for Far-Persons?" in Michael Schefczyk and Christoph Schmidt-Petri, eds., *Utility, Progress, Technology: Proceedings of the 2018 Conference of the International Society for Utilitarian Studies* (Karlsruhe: KIT Scientific Publishing, 2021), pp. 353-358.

"Tom Regan's *The Case for Animal Rights,"* Forward to the Audiobook edition of Tom Regan, *The Case for Animal Rights* (2023).

"Teaching Critical Thinking at Scale: Argument Mapping and Mastery Learning," article under review for inclusion in a book, Joseph Forte and Jeffrey Buechner, eds., *In Search of Informal Logic and Critical Thinking Primer Research* (Springer, forthcoming)

"The Blood of Multitudes: Companionable Animal Self-Investment Value," article, in progress

"Towards a common scale: Weighing animal costs against human benefits," article, in progress

"Essay: Ethics," an online critical thinking course, *Thinker* (forthcoming)

"Essays: Foundations of American Democracy," an online critical thinking course, *Thinker* (forthcoming)

Peer-reviewed publications on the web

"Are the Policy Implications of the Precautionary Principle Coherent?" (Harvard University, 23 September 2000)

"A Brief for the Royal Commission on Genetic Modification of New Zealand," (Wellington, NZ, 22 November 2000)

Other web publications

"Diagnostic," edited by ThinkerAnalytix (Boston, MA 2025). 53 pp. https://thinkarguments.org/unit/diagnostic/

"Assumptions," edited by ThinkerAnalytix (Boston, MA, 2025). 187 pp. https://thinkarguments.org/unit/assumptions-track/

"The Research Mission of Land Grant Universities," OpenSeminar in Research Ethics, in progress, draft at: http://www.chass.ncsu.edu/langure/ResearchmissionLGUs.htm

"Ethical principles supporting research policies: What is ethics?" OpenSeminar in Research Ethics, in progress at: www.chass.ncsu.edu/langure/documents/Lecture2Ethicalprinciplessupportingpolices_000.pdf

"Four ethical principles and their justifications," OpenSeminar in Research Ethics, in progress at: www.chass.ncsu.edu/langure/documents/Lecture3FourEthicalPrinciples_001.pdf

"A method for making ethical decisions," OpenSeminar in Research Ethics, in progress at: www.chass.ncsu.edu/langure/documents/Lecture4Amethod_000.pdf

"What is research ethics?" OpenSeminar in Research Ethics, in progress at: http://openseminar.org/ethics/courses/29/modules/435/index/screen.do

"What are research communities?," OpenSeminar in Research Ethics, in progress at: http://openseminar.org/ethics/courses/29/modules/414/index/screen.do

"Research misconduct" OpenSeminar in Research Ethics, in progress at: http://openseminar.org/ethics/courses/29/modules/409/index/screen.do

C. K. Gunsalus, M. C. Loui, Gary Comstock, Daniel Robison, and Jim Wilson "Responsible Conduct of Research Role Plays: Authorship, New Faculty"

"Imagining Other Species' Pains: Abstract," *Biology and Life Sciences Forum* Summer 2025 (ISSN: 2673-9976; conference report of 3rd International Electronic Conference on Animals, March 2025. https://sciforum.net/paper/view/21414

"Teaching Critical Thinking at Scale: Argument Mapping and Mastery Learning," in Joseph Forte and Jeffrey Buechner, eds. *Informal Logic and Critical Thinking Primer* (Springer, forthcoming).

With Daniel Gruehn, "Assessing Critical Thinking About Argumentative Essays: The Critical Reasoning and Inference Test (CRIT)," *Assessment and Evaluation in Higher Education* (forthcoming)

Book Reviews

Lynn Ross-Bryant, *Imagination and the Life of the Spirit: An Introduction to the Study of Religion and Literature*. In *The Journal of Religion* 62 (July 1982): 320-323.

D. Z. Phillips, *Through A Darkening Glass*: *Philosophy*, *Literature and Cultural Change*. In *The Journal of Religion* 65 (April 1985): 301-303.

H. R. Jauss, *Toward an Aesthetic of Reception*. In *The Journal of Religion* 65 (July 1985): 445-446.

Paul Ricoeur, *Time and Narrative*. In *Quarterly Journal of Speech* (April 1985): 373-375.

Thomas Ogletree, *The Use of the Bible in Christian Ethics*. In *The Journal of Religion* 66 (April 1986): 213-214.

Frank McConnell, ed., *The Bible and the Narrative Tradition*. In *The Journal of Religion* 67 (Oct 1987): 540-541.

Wesley Kort, *Modern Fiction and Human Time*. In *The Journal of Religion* 68 (Jan 1988): 159-160.

Vanessa Ochs, *Words on Fire: One Woman's Journey into the Sacred*. In *Cross Currents* 41 (Fall 1991): 417-420.

Dale Jamieson, *Morality's Progress: Essays on Humans, Other Animals, and the Rest of Nature.* In *Philosophical Review* 114:3 (July 2005).

Gary Varner, *Personhood, Ethics, and Animal Cognition: Situating Animals in Hare's Two-Level Utilitarianism* (Oxford: Oxford University Press, 2012). In *Environmental Values* 22:3 (June 2013): 417-420.

Book Notes

Ernesto Grassi, *Rhetoric as Philosophy*: *The Humanist Tradition*. In *Religious Studies Review* 9 (Oct. 1983): 360-361.

Group Mu, *A General Rhetoric*. In *Religious Studies Review* 10 (Jan. 1984): 63.

Garth Hallett, *Reason and Right*. In *The Journal of Religion* 65 (October 1985): 579-580.

Edward Long, *A Survey of Recent Christian Ethics*. In *The Journal of Religion* 66 (Jan. 1986): 113.

Philip S. Keane, *Christian Ethics and Imagination*: *A Theological Inquiry*. In *Religious Studies Review*.

Robin W. Lovin, ed., *Religion and American Public Life*. In *Religious Studies Review* 14 (Oct 1988): 391.

David Dybiec, ed., *Slippin' Away*: *The Loss of Black-Owned Farms*. In *Religious Studies Review* 16 (Oct 1990): 336.

Fellowships and Grants

1981-82 Junior Fellow, Institute for the Advanced Study of Religion, The University of Chicago. Research on hermeneutics. $5,000.

1983 Summer Research Grant, Sciences and Humanities Research Institute, Iowa State University. Research for *Neophilologus* article. $2,500.

1984 Summer Research Grant, Sciences and Humanities Research Institute, Iowa State University. Research for *Journal of Religion* article. $2,500.

1986 Participant, Kellogg Foundation Project. Research on agriculture and the humanities. $600.

1986 Presenter, "American Philosophy and Religion" Conference, U. of Paderborn, West Germany. Foreign Travel Grant, $600.

1986 Participant, Wheaton College Philosophy Summer Seminar, "Alan Donagan's *Choice*." Expenses.

1986 Summer Research Grant, Sciences and Humanities Research Institute, Iowa State University. Research for *Journal of Religion* article. $3,500.

1987 Summer Research Grant, Agricultural Bioethics Committee, Iowa State University. Research for *Agriculture and Human Values* article $5,000.

1988 Summer Research Grant, Agricultural Bioethics Committee, Iowa State University. Research for “Vexing Nature." $5,687.

1988-89 Center Associate, Western Rural Development Center, Oregon State University. Research for *Vexing Nature*.$25,000.

1989 Summer Research Grant, Agricultural Bioethics Committee, Iowa State University. Research for *Journal of Agricultural Ethics* article. $6,777.

1989-90 Faculty Improvement Leave, Iowa State University. Research for "True Confessions." Benefits plus $22,000.

1990 Member, Center of Theological Inquiry, Princeton, New Jersey. Research for "Truth." $18,000.

1991 Summer Research Grant, Agricultural Bioethics Committee, Iowa State University. Research and production of December 1991 issue of *Journal of Agricultural and Environmental Ethics*. $7,777.

1992 Coordinator, ISU Summer Bioethics Institute. Funding from the Joyce Foundation. $25,000.

1993 Project Director, "A Model Ethics Institute," at U. of Illinois. Funding from U.S.D.A. Higher Education Challenge Grant. $51,000.

1994 Project Director, "ISU Model Bioethics Institute at the U. of Illinois and Michigan State U.," Funding from National Science Foundation, $102,000.

1996 Project Director, "ISU Model Bioethics Institute at Michigan State U.," Funding extended on 1994 NSF grant, $23,000.

1996 Consultant, "Purdue Bioethics Institute," National Science Foundation, Lilly-Marlene Russow, PI, $131,171.

1997 Project Director, "Center for Life Science Ethics," Funding from ISU Provost's Office, Promag program, $24,506.

1997 Consultant, "NABC Bioethics Institute, " National Agricultural Biotechnology Council, Ralph Hardy, PI, $109,725.

1998 Consultant, "National Bioethics Institute," National Science Foundation, Courtney Campbell, PI, $106,445.

1999 Consultant, "NABC Bioethics Institute," National Agricultural Biotechnology Council, Ralph Hardy (Boyce Thompson), PI, $14,865.

1999 Project Director, "FLAD / NSF International Bioethics Institute I (2000) and II (2001)," National Science Foundation, $53,164; FLAD, $60,000; Portuguese Ministry of Science and Technology $30,000; and European Union DGXII, $10,000.

2000 Project Director, Bioethics section, "USDA Initiative for Future Agriculture and Food Systems (IFAFS), $350,000 ("Consortium to Address Social, Economic, and Ethical Aspects of Biotechnology," (2000-2004), co-PI, with Donna Hess, Walter Fehr, et al.)

2000 Project Director, "NABC Bioethics Institute," National Agricultural Biotechnology Council, $25,000.

2001 Project Director, "NABC Bioethics Institute at Iowa State University," National Agricultural Biotechnology Council, $25,000.

2002 Project Director, "FLAD / NSF International Bioethics Institute III," National Science Foundation, $27,883; FLAD, $25,000; Portuguese Ministry of Science and Technology $10,000; and European Union DGXII, $15,000.

2002 Project Director, "NABC Bioethics Institute at University of Wisconsin," National Agricultural Biotechnology Council, $25,000.

2003 Project Director, "Advanced Life Science Ethics Institute," National Science Foundation, $26,000; and from FLAD, $12,000.

2004 Project Director, "Life Science Ethics Triangle Workshop," Kenan Institute of Engineering, Science, and Technology, $15,250

2005-2010 Principal Investigator, "A Model Curriculum for Land Grant Universities in Research Ethics," National Science Foundation, $249,393

2007-2011 Co-Principal Investigator, "Extending and Assessing Research Ethics Education," National Science Foundation, $300,000

2007-09 Fellow (invited), National Humanities Center, Research Triangle Park, NC, $100,000

2009-2010, Principal Investigator, "*On the Human*: Science, Engineering, and Technology in Conversation with the Humanities," Kenan Institute for Engineering, Technology, and Society," $24,500.

2010-2011, Principal Investigator, "*On the Human*: Science, Engineering, and Technology in Conversation with the Humanities," Kenan Institute for Engineering, Technology, and Society," $18,000.

2025, Faculty Workshop, "Renewing Critical Thinking and Civil Discourse Across the CHASS Disciplines," Department of Integrative Humanities and Social Sciences, NC State University, $14,000.

2025, "thinkPACK: A Bold Investment in the Pack's Power to Think Critically," NC State Alumni Foundation, $49,800.

2026, "Integrating Civil Discourse into the Curriculum at Public, Private, Community and Historically Black Colleges and Universities, Dept. of Education, FIPSE, $3,985,365.

Professional Activities

Papers Presented

"Discourse, Fabula, Deep Structure: The Value of the New Narratology for Practical Criticism," American Academy of Religion, Midwest Section, 1980.

“The Birth of a Reader in ‘The Death of Ivan Ilych,’” American Academy of Religion, Midwest Section, 1981.

"The Text in the Reader: Narrative Functions in the Moral Life," Institute for the Advanced Study of Religion, University of Chicago, 1981.

"The Yoruba and Religious Change," Hope College, Michigan, 1982.

"From Story to Text: Towards a Hermeneutic Interpretation of Christian Morality," American Academy of Religion, annual meeting, 1982.

"Re-imagining Ethics," Philosophy Department, Iowa State University, 1982.

"Truth or Meaning? Ricoeur versus Frei on Biblical Narrative," American Academy of Religion, annual meeting, 1983.

"Truth or Meaning?" Postscript Society, 1983.

"Fiction, Truth, Biblical Narrative: A Preliminary Study," Iowa Academy of Religion, annual meeting, 1984.

"Moral Judgments as Memorial Syntheses," Mythos Conference on Narrative in the Christian Tradition, Cambridge University, (paper read in my absence), 1984.

"From Story to Text: Narratives and Moral Judgments," American Academy of Religion, Midwest Section, 1984.

"Is There a Problem with the Pentagon Funding Scientific Research?" Colloquium on Religious Ethics and Technological Change, Iowa State University, 1984.

"Moral Judgments as Memorial Syntheses," University of Dayton Conference on "Narrative, Character, Community and Ethics," 1984.

"Moral Judgments as Memorial Syntheses," AAR, Upper Midwest Section, 1985.

"Two Types of Narrative Theology," American Academy of Religion, annual meeting, 1985.

"Telling the Whole Story: American Narrative Theology After H. Richard Niebuhr," University of Paderborn, West Germany, Conference on "American Philosophy and Religion," July, 1986.

"Rhetoric, Postmodernism and Religious Dialogue," American Academy of Religion, annual meeting, 1986.

"Telling the Whole Story: American Narrative Theology After H. Richard Niebuhr," Postscript Society, 1986.

"Is There a Conspiracy Against Family Farmers?" Fourth Annual Conference on Religious Ethics and Technological Change, Iowa State University, 1987.

"Arguments for Family Farms," Iowa Academy of Religion, annual meeting, 1987.

"Is Postmodern Religious Dialogue Possible?" Postscript Society, 1987.

"Are They Just Cows? Agricultural Biotechnology, Bovine Somatotropin, and the Common Good," American Academy of Religion, annual meeting, 1988.

"Is There a Moral Obligation to Save the Family Farm?" Mennonite Central Committee on Faith and Agriculture, Alberta, Canada, September, 1989.

"Is There a Postmodern Religion?" International Association for Philosophy and Literature, annual meeting, Atlanta, GA, 1989.

"The Moral Irrelevance of Autonomy," American Philosophical Association, Western Annual Meeting, Los Angeles, March, 1990, Society for the Study of Ethics and Animals Section.

"Vexing Nature: A Theocentric Perspective on Agricultural Biotechnology," Society of Christian Ethics, annual meeting, Washington DC, January, 1990.

"The Moral Irrelevance of Autonomy," Philosophy Department, Western Illinois University, April, 1990.

"The Truth of Religious Narratives," Center of Theological Inquiry, Princeton, NJ, May, 1990.

"Should We Genetically Engineer Hogs?" Iowa Philosophical Society, Grinnell College, November, 1990.

"Pigs and Piety: A Theocentric Perspective on Food Animals," Duke University, "Good News for Animals? Christianity and Animals" conference, October, 1990.

"The Ethical Foundations of Sustainability," University of California, Santa Cruz, conference on "Varieties of Sustainability," co-sponsored by the Agriculture and Human Values Society, Pacific Grove, CA, May 1991.

"Should We Genetically Engineer Hogs?" Society for the Study of Ethics and Animals, American Philosophical Association, annual meeting, Eastern Division, December 1991.

"An Introductory Course Using Autobiographies," American Academy of Religion, annual meeting, San Francisco, CA, Nov 1992.

"Can Life Scientists Teach Ethics?" Society for Agriculture, Food, and Human Values, annual meeting, Penn State U., Jun 1993.

"An Extensionist Environmental Ethic," INTECOL 1994, University of Manchester, England, Aug 1994.

"Teaching Ethics to Life Science Faculty," INTECOL 1994, University of Manchester, England, Aug 1994.

"Introducing Ethics into the Existing Science Curricula: The Iowa State University Model," Institute on College Student Values, Florida State University, Feb 1995.

"The Iowa State University Model Program in Environmental and Agricultural Ethics," Association for Practical and Professional Ethics, annual meeting, St. Louis, Mar 1996.

"Multi Factor Egalitarianism," Society for the Study of Ethics and Animals, APA Pacific Division, Seattle, Apr 1996.

"Training Faculty in Non-Medical Bioethics: Report on an NSF-funded project," III World Congress of Bioethics, International Association of Bioethics, San Francisco, Nov 1996.

"Educating University Faculty to Introduce Environmental Ethics into their Courses: Report on a Project Funded by the National Science Foundation," 1997 International Symposium on Human Dimensions of Natural Resource Management in the Americas, Belize City, Belize. 28 Feb 1997. Coordinator.

"Individualistic Approaches to Ecosystem Management are Ethically Preferable to Holistic Approaches," 1997 International Symposium on Human Dimensions of Natural Resource Management in the Americas, Belize City, Belize. 28 Feb 1997.

“Teaching Non-Philosophy Faculty to Teach Ethics,” American Philosophical Association Pacific Division Meeting, 26 Mar 1998. Los Angeles.

"Integrating Ethics into the Life Sciences: Report on a Project Funded by the National Agricultural Biotechnology Council," First European Congress on Agricultural and Food Ethics, Wageningen Agricultural University, The Netherlands, 5 Mar 1999.

"Why We Should Produce Transgenic Animals, from an Animal Rights Perspective," International Society for Environmental Ethics, at the APA Central Division annual meeting, New Orleans, 6 May 1999

"Integrating Ethics into the Life Sciences: Report on Projects Funded by Iowa State University, the U. S. National Science Foundation, and the National Agricultural Biotechnology Council," International Society for Environmental Ethics, Oxford University, 27 June 1999.

"Are the Policy Implications of the Precautionary Principle Coherent?" Harvard University, 23 Sep 2000.

"Ethical Dimensions of Agricultural Biotechnology," Biotech Issues 2001: Cooperative Extension In-Service, Colorado State University, 15 Feb 2001.

"Will the Precautionary Principle Derail Advances in Biotechnology for Agriculture?" American Association for the Advancement of Science, San Francisco, 18 Feb 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," a seminar at the University del Pais Vasco / Euskal Herriko Unib., Vitoria, Spain, 5 Mar 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," a seminar in the Depto. de Microbiologia e Instituto de Biotecnologia, Universidad de Granada, Spain, 6 Mar 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," A colloquium on environmental ethics, "Colóquio Ética Ambiental: uma ética para o futuro," University of Lisbon, Portugal 8 Mar 2001.

"Some Ethical Questions Concerning Genetically Modified Foods: Intrinsic and Extrinsic Objections to GMOs," Center for International Development and Science; Technology and Public Policy Program; and Belfer Center for Science and International Affairs, Harvard University, 21 March 2001.

"A USDA-funded project: The Consortium to Address Social, Economic, and Ethical Aspects of Biotechnology," WCC-204 USDA-funded Committee on Animal Ethics, annual meeting, Portland, OR, Jan 3, 2002.

"The History and Relevance of Research Ethics," NC State Research Ethics Seminar Series, September 22, 2003

"The Place of Ethics in Corporate Training," General Henry Hugh Shelton Leadership Forum, Nov 13, 2003. "Challenges for Research Ethics at Historically Black Universities," NC A&T, Nov 29, 2006

"Ethical Issues in Power Electronics Research," NC State Semiconductor Power Electronics, Dec 1, 2006

"Teaching Life Science Ethics: An American Perspective," at 'Life Science Ethics: A New Approach in Higher Education' conference, Mordovia State University, Saransk, Russia, Feb. 2, 2007

"Singularity," National Humanities Center, April 13, 2008

With David Edelman, "OpenSeminar in Research Ethics: Optimal Implementation of an Online Course in a New Learning Management System," INTED 2011, International Technology, Education and Development Conference, Valencia Spain, 8 March 2011.

With Josh Lucas, "Do Machines Have *Prima Facie* Duties?" TILT 2011, Technologies on the Stand: Legal and Ethical Questions in Neuroscience and Robotics," Tilburg Institute for Law, Technology, and Society, 11 April 2011.

"La Mettrie's Objection: Like Animals, Humans Control Themselves in Largely Nonconscious Ways," Tom Regan: A Celebration, NC State University, April 16, 2011.

"The Scope of Consciousness," The 20th Toward a Science of Consciousness Conference, Agra, India, March 2013, paper accepted, not presented due to my inability to travel

"A Philosophical Guide to the Responsible Conduct of Research," 3rd World Conference on Research Integrity, Montreal, May 6, 2013

"A Philosophical Guide to Teaching the Responsible Conduct of Research," Society for Ethics Across the Curriculum Annual Conference, Oregon State University, Oct. 4, 2013

"Carruthers on metacognition," 65th Annual Northwest Philosophy Conference, Pacific University, Oct. 5, 2013

"Teaching Research Ethics: A New, Philosophical, Approach to the Responsible Conduct of Research," 39th annual meeting of the Association for Moral Education, Montreal, Oct. 25, 2013

"Teaching Research Ethics: A Philosophical Guide," A panel with two other presenters, Association for Practical and Professional Ethics, Annual Meeting, 28 February 2014

"Meet the Author: G. Comstock, Research Ethics: *A Philosophical Guide to the Responsible Conduct of Research*," a reception at the APPE Annual Meeting, 28 February 2014

"Lunch with an Author: G. Comstock, *Research Ethics: A Philosophical Guide to the Responsible Conduct of Research*," APPE Annual Meeting, 28 February 2014

With Bill Bauer, "Carruthers on metacognition, and the unity of beliefs and desires in animals," Toward a Science of Consciousness conference, University of Arizona, 26 April 2014

With Bill Bauer, “Carruthers on metacognition, and the unity of beliefs and desires in animals,” North Carolina Philosophical Society, NC State University, 28 February 2015

“The Cattle in the Long Cedar Springs Draw,” The Human Animal Boundary Symposium, University of Puerto Rico-Mayaguez, April 11, 2015

“Feeling matters: Are we justified in inducing depression in monkeys in order to prevent it in humans?” Second Oxford Summer School on Animal Ethics: “The Ethics of Using Animals in Research,” 26-29 July 2015, Oxford

With Bill Bauer, “Carruthers on metacognition, and the unity of beliefs and desires in animals,” American Philosophical Association, Central Division, Chicago, March 3-5, 2016

“Utilitarian assessment of the legal value of companion animals,” at 15th Conference of the International Society for Utilitarian Studies, Karlsruhe Institute of Technology, Germany, July 24-26, 2018.

“Varner on animals,” 15th Conference of the International Society for Utilitarian Studies, Karlsruhe Institute of Technology, Germany, July 24-26, 2018.

“Companion animal self-investment value,” Rocky Mountain Ethics Conference, University of Colorado, August 7-11, 2019.

“Discover Deduction: Developing an Advanced Course in Argument Mapping,” poster presentation at the AAPT-APA Teaching Hub poster session, APA Eastern Division annual meeting, presented virtually, Jan. 7, 2022.

With Prof. Collin Lynch, “Automating *How We Evaluate*,” National Science Foundation Workshop on Argumentation and Automation, Iowa State University, 9-10 February 2023.

“The Prawn Hypothesis: Some, not all, decapods are sentient,” Interspecies Comparisons of Welfare conference, the London School of Economics, April 29, 2022.

“Animal culture and morality: A new approach to industrial farm animal reform,” Animal Morality Conference, 22nd–24th February 2023, Vienna, Austria.

“_____,” Revised and recorded as “Tom Regan's *The Case for Animal Rights* Audiobook edition of *The Case for Animal Rights* (2023).

With Aidan Kestigian, “Does College Teach Students to Think Critically? Philosophers’ Responsibilities and General Education Requirements with a Brief Introduction to Two Courses,” North Carolina Philosophical Society, Duke University, Mar. 3, 2023.

“Imagining Other Species’ Pains,” paper presented at conference, At the Limits of Imagination, University of Vienna, September 26-28, 2024.

“Imagining Other Species’ Pains,” paper presented at the 3rd International Electronic Conference on Animals, 14 March 2025.

with Ken Johnson, "Scaling Critical Thinking Instruction at a Large State University." Annual meeting of the Association of Deans and Directors of University Colleges and Undergraduate Studies, April 11, 2025, San Antonio, TX.

“Far-persons: A Defense of the Concept of Partial Personhood and its Implications for Cognitively Disabled Humans and Nonhuman Animals.” Conference on The Legal Distinction between Persons and Things, 7–8 July, 2025, University of Antwerp, Belgium.

“When was the first conscious animal born?” The Science of Consciousness 31st Annual Conference, University of Barcelona, 10 July 2025.

With Sean Cassidy and Ken Johnson, “We Can Teach Critical Thinking. Here Is the Evidence, and a Scalable Model for Honors Programs,” National Collegiate Honors Council, Annual Meeting, New Orleans, November 2026.

Invited Lectures

"Ethics and Modern Fiction," Wheaton College, Wheaton, Illinois, 1979.

"Religious Ethics and Animal Rights," Iowa State University, College of Veterinary Medicine, December 1983.

"Some Trivial Things That Get Too Much Attention," United Ministries in Higher Education, 1983.

"The Kenosis of the Father: Ruether's Feminist Midrash on the Gospel," First Baptist Church of Ames, 1984.

"Why Christians Should Not Be Allowed to Teach Religion at State Universities," First Annual Faculty Banquet, sponsored by United Campus Ministers, April 1985.

"What Does It Mean to 'Develop Character'?" Nora Spring High School, National Honor Society, Nora Springs, Iowa, April 1985.

"Using Animals: A Theocentric Perspective," Iowa State University, College of Veterinary Medicine, October 1985.

"Suicide and Moral Judgment: A Theocentric Perspective," Wesley Foundation Academy, November 1985.

"Professional Ethics," Veterinary Physiology and Pharmacology Department, ISU, 1986.

"Ethics, Animals and Research," Veterinary Physiology and Pharmacology Department, ISU, 1986.

"Is There A Moral Obligation to Save the Family Farm?" Culture and Agriculture class, St. Olaf College, January 1987.

"Rhetoric, Postmodernism, and Religious Dialogue," Philosophy Department, St. Olaf College, Minnesota, 1987.

"Moral Obligations and the Future of Agriculture," Finding Common Ground conference, Oregon State University, February 1988.

"Moral Arguments Against Transgenic Animals," Consultation on Respect for the Environment: Moral and Theological Aspects of Genetic Engineering and Biotechnology, April, 1988.

"Small Towns and the Future of Agriculture: Moral Considerations," Community Forum on Montgomery County, Red Oak, Iowa, April, 1988.

"Why Sociology Is Morally Bankrupt," Annual Awards Ceremony, Alpha Kappa Delta, Sociology Department, ISU, April, 1988.

"Should We Create Animals?" ISU Humane Society, with Michael W. Fox, ISU, May, 1988.

"Is There a Moral Obligation to Save the Family Farm?" Managing Agricultural Technology for Profit, Cananaskus, Alberta, Canada, March, 1989.

"The Case Against bGH," NCR-142 Annual Meeting, Des Moines, Iowa, October 1989.

"The Case Against bGH," Western Rural Development Center seminar series, National Rural Studies Committee, October 1989.

"Conflicting Paradigms in Agriculture," University of Guelph, Ontario, Canada, February 1991, keynote lecture at conference, "Conflicting Paradigms in Agriculture."

"Bioethics and Herbicide Tolerant Crops," Agronomy Forum, ISU, February 1991.

"The Value of Stewardship," Clarke College, Dubuque, Iowa, April 1991, keynote lecture at conference, "Environment for the Future."

"Ethics and Agricultural Biotechnology Education," Advisory Panel, Ethics and Values Studies, National Science Foundation, Washington, D.C., November 1991.

"Biotechnology: Ethical Issues," Ames Rotary, September 1991.

"Ethical Issues," Ames Ministerial Association, February 1992.

"Ethics and Agricultural Biotechnology Education," Plenary Address, National Biotechnology Education Sharing Conference, University of Wisconsin-Madison, October 1991.

"Vexing Nature: Agricultural Biotechnology from an Environmental Perspective," Day After luncheon series, Ames Campus Ministers Association, October 1991.

"The Planet Cries," Convocation Address, University of Dubuque, Dubuque, Iowa, October 1991.

"The Value of Stewardship," Drury College, Springfield, Missouri, January 1992.

"What Obligations Have Scientists to Transgenic Animals?" National Agricultural Biotechnology Council Seminar on "Ethics and Patenting," Texas A & M University, May 1992.

"Ethics and Agricultural Biotechnology," Iowa State University Seminar on Biotechnology, Jan 1992.

"The Philosophy of Animal Rights," Iowa State University, Humane Society, Mar 1992.

"Ethics and Agricultural Biotechnology," Faculty Seminar, Agricultural and Biosystems Engineering, I.S.U., Apr 1992.

"Animal Ethics and Experiments," Monsanto Company, St. Louis, Missouri, Sept 1992.

"Some Virtues and Vices of Agricultural Technology," Tri-Societies Annual Meeting, St. Paul, Minnesota, Nov 1992.

"Ethics and Science," Perspectives in Molecular, Cellular and Developmental Biology Seminar Series, Iowa State University, Aug 1992.

"Biotechnology: Ethical and Social Issues," Public Education in Biotechnology Program, Iowa State University, Sept 1992.

"Environmental Ethics and Gene Research," Seminar Series, Center for Gene Research and Biotechnology, Oregon State University, Sept 1992.

"The Iowa State University Bioethics Program," Council of Scientific Societies Presidents, annual meeting, Washington, D. C., Dec 1992.

"The Relevance of Ethics to Veterinary Biosciences," Dept. of Veterinary Physiology and Pharmacology, ISU, Feb 1993.

"Oxen and Ozone: The Conflict Between Environmental Ethics and Animal Rights," Philosophy Department, Cal State U-Hayward, CA, Feb 1993.

"Ethics, Agriculture, and Biotechnology," Unitarian Universalist Fellowship of Ames, IA, Feb 1993.

"Oxen and Ozone: The Conflict Between Environmental Ethics and Animal Rights," Stauffer House Lecture Series, Whittier College, CA, Mar 1993.

"Christianity and Animal Rights," Ames Ministerial Association, Ames, IA, Apr 1993.

"Ethics and Equity: Are Sustainable Agriculture and Biotechnology Compatible?" Central College Convocation, Pella, IA, Apr 1993.

"The Ethics of Animal Use in Research and Consumption," New England Animal Biotechnology Symposium, U. of Connecticut, Hartford, CT, Apr 1993.

"Uncle Sam, Markets and Morality: The Role of Government in Agriculture," Waldorf College Convocation, Forest City, IA, Apr 1993.

"Transferring Essence," Conference on "Symbol, Substance, and Science: The Societal Issues of Food Biotechnology," Research Triangle Park, NC, Jun 1993.

"An Ethical Assessment of Biotechnology's Impact on Agriculture," Ontario Federation of Agriculture, University of Guelph, Guelph, Ontario, June 1993.

"Philosophical Arguments For and Against Animal Rights," School of Veterinary Medicine, University of Pennsylvania, Philadelphia, PA, Nov 1993.

"Bioethics, Crops and Technology," Crop Production and Physiology Group Seminar Series, Iowa State University, Jan 1994.

"An Introduction to Religious Ethics," Campus Ministers Association, Ames, IA, Jan 1994.

"Issues in Agricultural Bioethics," Horticultural and Biological Department Seminar Series, Iowa State University, Feb 1994.

"Thinking Ethically About Agriculture," Class on "Applied Ethics," Purdue University, Feb 1994.

"Do We Need a New, an Agricultural, Ethic?" Keynote address at Colloquium, Purdue University, Feb 1994.

"On Intrinsic Value in Nature," Class on "Environmental Ethics," Purdue University, Feb 1994.

"A Discussion of Agricultural Ethics," Class on "Contemporary Issues in Agriculture," Purdue University, Feb 1994.

"Socrates and Dr. Switchum: On Science, Technology and Ethics," Whitworth College, Spokane, WA, Apr 1994.

"Is Ethics Like Science?" Whitworth College, Spokane, WA, Apr 1994.

"Ethics, Animals and Low-input Sustainable Agriculture," American Society of Animal Science, Northeastern Section annual meeting, West Virginia University, Jun 1994.

"Transgenic Animals: Their necessity, their ethical justification," a debate with Professor Ray Frey, International Summer Institute 1994, "Human Beings, Animals and the Environment: Ethical and Legal Issues, University of Montreal, Jun 1994.

"Agricultural Ethics," Dr. Stewart Melvin's ISU senior seminar in the Agricultural and Biosystems Engineering department, Nov 1994.

"Agricultural Ethics," ISU Extension Youth Biotechnology Educators, Nov 1994.

"Ethical Principles and Animals," ISU class An Sci 571, "Meat Science: Principles and Technology," Sep 1994.

"Ethics, World Hunger, and Science," ISU class FSHN seminar, Dr. Clark Ford, Sep 1994.

"Iowa's Bountiful Harvest," ISU Maintenance Shop series, "Let's Talk About It," with Neil Harl and Paul Lasley, Nov 1994.

"Agricultural Ethics," ISU class, Dr. Victor Bekkum, "Agricultural Systems Technology," Nov 1994.

"Ethical Issues Raised by Genetic Engineering" to ISU Biotechnology Workshop for Northwest and North Central Extension Areas, via ICN, Nov 1994.

"A Theological Basis for Environmental Ethics," Environmental Ethics Trialogue Workshop, Wheaton College, March 1995.

"Agricultural and Environmental Ethics," ISU course on "Wildlife and Agriculture" (A Ecl 130), April 1995.

"How Ethics Differs From Religion," Bioethics Institute, University of Illinois, May 1995.

"Ethics and Transgenic Animals," Conference called "The Brave New World of Animal Biotechnology," sponsored by The Hastings Center, Research Triangle Park, NC, May 1995.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, University of Illinois, May 1995.

"An Overview of the Moral Dimensions of bST," Ninth International BIO Meeting, San Francisco, May 1995.

"Religious Autobiographies," ISU class, Dr. Neal Delmonico, "Intro to Religious Studies," June 1995.

"Does Lake Okoboji Have Intrinsic Value?" Iowa Lakeside Laboratory, Sunday Evening Lecture Series, Lake Okoboji, IA, June 1995.

"Evaluating Moral/Ethical Arguments," ISU course on Contemporary Issues in Animal Agriculture, An Sci Honors Seminar 321C, Drs. Rothschild and Kenealy, September 1995.

"The Argument for Animal Rights," ISU course on Contemporary Issues in Animal Agriculture, An Sci Honors Seminar 321C, Drs. Rothschild and Kenealy, October 1995.

"Ethics in Agriculture," ISU course for College of Agriculture Excellence Scholars, Dr. Kenneth Larson, October 1995.

"Toward an Evangelical Environmental Ethic," Workshop on Christianity and the Environmental Ethos," sponsored by the Institute for Theological Encounter with Science and Technology, St. Louis, MO, 15-17 March, 1996. Coordinator. Attendance: 33 (mostly Catholic religious leaders from around the country).

"Ethics and Transgenic Animals," Veterinary Physiology and Pharmacology Seminar Series. March 1996.

"How Ethics Differs From Religion," Bioethics Institute, Michigan State University, May 1996.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, Michigan State University, May 1996.

"How Ethics Differs From Religion," Bioethics Institute, Purdue University May 1996.

"Ethical Issues Join Our Vocabulary: How Centers Respond," 8th Annual Bio Council of Biotechnology Centers Meeting, BIO '96, Philadelphia, June 1996. Coordinator.

"Ethics and Transgenic Animals," ISU Veterinary Physiology and Pharmacology Seminar Series, Mar 1996.

"The ISU Model Bioethics Institute," Program for the Study of Ethics and the Environment, Oregon State University, Aug 1996.

"Genetically Engineered Foods: For and Against," Des Moines State Capitol, sponsored by Natural Law Party, Sep 1996.

"Research Ethics Training in the University," University of Colorado Graduate School Symposium, Sep 1996.

"The Landscape and Ethics," ISU Landscape Architecture seminar, Gary Hightshoe, Sep 1996.

"Research Ethics: Authorship Issues," ISU Chemical Engineering Seminar, Charles Glatz and Carole Heath, Sep 1996.

"The End of Science?" Panel discussion, with Freeman Dyson (Princeton) and David Wilson (ISU). Oct 1996.

"Bioethics Education: What's the point?" Medical Ethics Lecture Series, University of Osteopathic Medicine, Des Moines, 3 Oct 1996.

"Agricultural Engineering Ethics," Agricultural Engineering Seminar, Stewart Melvin, Oct 1996.

"Ethics and Agriculture," Ag Excellence Scholarship Students, Eric Hoiberg, Oct 1996.

"Does Death Harm Animals?" ISU Humane Society, Oct 1996.

"Engineering Ethics: Gilbane Gold," Agricultural Engineering Seminar, Vic Bekkum, Nov 1996.

"Research Ethics," Horticulture 530, Dick Gladdon, Dec 1996.

"Research Ethics: Authorship Issues," Horticulture 530, Dick Gladdon, Jan 1997.

“Is Genetic Engineering Unnatural?” Santa Clara University, Santa Clara, CA, 11 April 1997.

"How Ethics Differs From Religion," Bioethics Institute, Michigan State University, May 1997.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, Michigan State University, May 1997.

"How Ethics Differs From Religion," Bioethics Institute, Purdue University, May 1997.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, Michigan State University, May 1997.

“The ISU Model Bioethics Institute,” Oregon State University, Corvallis, OR, 16 July 1997.

“Entomology and Bioethics,” National Board Certified Entomology Society annual meeting, ICI Garst Seed, Slater, IA, 23 Aug 1997.

“Designer Plants: Fears, Risks and Benefits for Agriculture,” Nebraska Wesleyan University symposium on Cloning and Biotechnology, 13 Nov 1997.

“The ISU Model Bioethics Institute,” National Agricultural Biotechnology Council, Washington, D.C., 18 Nov 1997.

“Biotechnology and Cloning,” Boone, IA, American Association of Retired Persons, Dec 1997.

“Ethical Issues in Scientific Authorship: Where Credit is Due,” Department of Chemical Engineering, 22 Jan 98.

“Ethical Considerations in Biotechnology,” Weed Science Society of America, Annual Meeting, Chicago, 10 Feb 1998.

“Is Animal Engineering Unnatural?” University of Pennsylvania Center for Bioethics, conference on “Ethics and Animal Engineering,” 2 Mar 1998.

“Is Animal Engineering Unnatural?” University of Puerto Rico, Mayaguez, Segundo Congreso Caribeno de Bioetica, 5 Mar 1998.

“Environmental Ethics and Agriculture,” Agronomy 492, Professor Allen Knapp, 23 Mar 1998.

“Ethical Issues in Scientific Authorship: Where Credit is Due,” Department of Horticulture, 28 Apr 98. Prof. Bill Graves. 14 students and 3 faculty.

“Ethics in Relation to Science, Law, Custom, and Religion,” and “Integrity and Honesty in the Profession of Science,” the Lisbon Lectures in the Practice of Science (with Dr. Baird Callicott and Dr. Ernan McMullin), 4 and 5 May, 1998, Lisbon, Portugal.

"How Ethics Differs From Religion," Bioethics Institute, Iowa State University, May 1998.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, Iowa State University, May 1998.

“How Ethics Differs From Religion," Bioethics Institute, Purdue University, May 1998.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, Purdue University, May 1998.

"How Ethics Differs From Religion," Bioethics Institute, North Carolina State University, May 1998.

"Using Case Studies to Teach Food Systems Ethics," Bioethics Institute, North Carolina State University, May 1998.

“Research Ethics, Integrity, and Philosophy,” Research Experience for Undergraduates in Molecular Biotechnology Program, Drs. Parag Chitnis and David Oliver, ISU, June 1998.

“An Alternative Ethic for Animals,” VIII World Conference on Animal Production, 29 June 1998, Seoul, Korea.

"How Ethics Differs From Religion," Bioethics Institute, Oregon State University, August 1998.

"Ethics and Science," Bioethics Institute, Oregon State University, August 1998.

"Writing Case Studies for Life Science Courses," Bioethics Institute, Oregon State University, August 1998.

"Ethics and Agriculture," Ag Ed 111, Agriculture Undergraduate Colloquium, Prof. Eric Hoiberg, Sept 1998.

"Is it appropriate to kill animals to be used as human food?" An Sci 360, "Fresh Meats," Prof. Joe Sebranek, Sept 1998.

"Ethics and Science: Is it Unnatural to Recombine Species?" ISU Physics and Astronomy Department Colloquium, Jan 1999.

"Ethical Theory and Intensive Animal Confinement," Southwest State University, Marshall, MN, 1 Mar 1999.

"What Are Philosophers Saying About Food Biotechnology?" Workshop on Biotechnology Debates in the U.S. and Europe, Wageningen University and Research Centre, The Netherlands, 7 Mar 1999.

“Environmental Ethics and Agriculture,” Agronomy 492, Prof. Allen Knapp, 23 Mar 99.

"The Moral Standing of Research Animals," Hiram College, Hiram, OH, 21 April 1999.

"Ethics and Science," Bioethics Institute, North Carolina State University, May 1999.

"Writing Case Studies for Life Science Courses," Bioethics Institute, North Carolina State University, May 1999.

"How Ethics Differs From Religion," Bioethics Institute, Iowa State University, June 1999.

"Ethics and Science," Bioethics Institute, Iowa State University, June 1999.

"Writing Case Studies for Life Science Courses," Bioethics Institute, Iowa State University, June 1999.

"How Can We Teach Research Ethics?" Research Ethics Institute, North Carolina State University, Raleigh, NC, 13 June 1999.

"The 'Unnaturalness' Objection to Food Biotechnology," 11th Biennial International Conference of the Society for Philosophy and Technology, San Jose, CA, 15 July 1999.

"Integrity in Research," ISU Interdepartmental Genetics Scientific Ethics Orientation, 24 Aug 1999.

"How to Discuss Ethical Issues," in Animal Science 211/411, "Issues Facing Animal Science," Dr. James Reecy, 7 Sept 1999.

"Ethics and the New Animal Biotechnologies," United Church of Christ, Ames, IA, 19 Sep 1999.

"Ethical Issues in Graduate Engineering Education," ISU Chemical Engineering Dept. Seminar, 14 Oct 1999.

"Ethical Theory and Intensive Animal Confinement, Part 1," An Sci class, Animal Behavior, Dr. Donald Lay, 26 Oct 1999.

"Ethical Theory and Intensive Animal Confinement, Part 2," An Sci class, Animal Behavior, Dr. Donald Lay, 28 Oct 1999.

"Ethics and Transgenic Animals," An Sci 451/551, Animal Molecular Biology, Dr. Chris Tuggle, 4 Nov 1999.

"What is Life Science Ethics?" National Bioethics Center, Tuskegee University, 18 Nov 1999.

"Teaching Ethics Across the Veterinary Curriculum, Part 1," National Bioethics Center, Tuskegee University, 19 Nov 1999.

"Teaching Ethics Across the Veterinary Curriculum, Part 2," National Bioethics Center, Tuskegee University, 20 Nov 1999.

"Ethics and risk communication: Bt corn and the monarch butterfly," with Dr. John Obrycki, ISU Bioethics Program Faculty Retreat, 4 Jan 2000.

"Report on the ISU Model Bioethics Institutes: A Project Funded by Iowa State University, the National Science Foundation, and the National Agricultural Biotechnology Council," Eighth East-West Philosophers' Conference, University of Hawaii, 13 Jan 2000.

"Intrinsic Arguments against Ag Biotech," Political and Social Dimensions of GMOs, GENET 591, Drs. Charlotte Bronson and Bryony Bonning, 26 Jan 2000.

“Are the Policy Implications of the Precautionary Principle Coherent?” Harvard University, 23 Sep 2000.

"Report on the NABC Bioethics Institute,” National Agricultural Biotechnology Council annual board meeting, New Orleans, 25 Sep 2000.

"Ethics and Genetic Engineering," Chemical Engineering seminar, Dr. Peter Reilly, 4 Oct 2000.

“Golden Rice: A Case Study for Teaching about Ethics and Genetically Modified Crops,” Biotechnology Extension Conference, ISU, 10 Oct 2000.

“Football Chickens and Headless Mice: Ethical Objections to Genetically Modified Foods,” American Chemical Society lecture tour of the Northwest:

Eastern Oregon University, 16 Oct 2000
Washington State University, 17 Oct 2000
Seattle University, 19 Oct 2000

"Ethics and Transgenic Animals," An Sci 451/551, Animal Molecular Biology, Dr. Chris Tuggle, 2 Nov 2000.

"Ethics and Agricultural Biotechnology," Public lecture, Urban Crank Theatrette in BP House, 20 Customhouse Quay, Wellington, NZ, 21 Nov 2000.

"Ethics and Agricultural Biotechnology," Expert testimony presented to the New Zealand Royal Commission on Genetic Modification, Wellington, NZ, 22 Nov 2000.

"Vexing Nature? Ethics and Agricultural Biotechnology," St. John's College, Auckland, NZ, 23 Nov 2000.

"Ethical Issues in Plant Sciences Research," Plant Sciences Institute Colloquium: Plant Sciences Research and Its Impact on Society, ISU, 1 Feb 2001.

"Should Animal Rightists Oppose Ag Biotech?" Philosophy Department Seminar, Colorado State University, 14 Feb 2001.

"Ethical Dimensions of Agricultural Biotechnology," Biotech Issues 2001: Cooperative Extension In-Service, Colorado State University, 15 Feb 2001.

"Will the Precautionary Principle Derail Advances in Biotechnology for Agriculture?" American Association for the Advancement of Science, San Francisco, 18 Feb 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," a seminar at the University del Pais Vasco / Euskal Herriko Unib., Vitoria, Spain, 5 Mar 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," a seminar in the Depto. de Microbiologia e Instituto de Biotecnologia, Universidad de Granada, Spain, 6 Mar 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," A colloquium on environmental ethics, "Colóquio Ética Ambiental: uma ética para o futuro," at Faculdade de Letras da Universidade de Lisboa, 8 Mar 2001.

"Some Ethical Questions Concerning Genetically Modified Foods: Intrinsic and Extrinsic Objections to GMOs," Center for International Development and Science; Technology and Public Policy Program; and Belfer Center for Science and International Affairs, Harvard University, 21 March 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," Center for Judaism and the Environment, and Center for Business Ethics, Jerusalem College for Technology, Israel, 10 May 2001.

"Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs," The Manna Institute for Plant Sciences, George Wise faculty of Life Sciences, Symposium 2001: Plant Biotechnology, Its Benefits Versus Its Risks, Tel Aviv University, Israel, 14 May 2001.

“Ethics and Agricultural Biotechnology: Intrinsic and Extrinsic Objections to GMOs,” Annual meeting of the National Agricultural Biotechnology Council (NABC), Chicago, May 2001.

"Teaching Life Science Ethics Using Active Learning Techniques," Bioethics Institute, Iowa State University, 29 May 2001.

"Ethics and Religion," Bioethics Institute, Iowa State University, 1 June 2001.

"Genetic Engineering: Golden rice as a case study," Bioethics Institute, Iowa State University, 1 June 2001.

“The Seeds of Salvation or the Roots of Destruction?” The State Legislative Leaders Foundation conference on “Setting the Table for Tomorrow: The Challenges of Genetic Engineering,” at Iowa State University, 22 June 2001.

"Teaching Life Science Ethics Using Active Learning Techniques," FLAD/NSF Bioethics Institute, University of Lisbon, Portugal, 1 July 2001.

"Helping Life Science Students Be More Active Learners: Golden rice," FLAD/NSF Bioethics Institute, University of Lisbon, 3 July 2001.

“The Threat that Biotechnology Is,” conference on “Globalization and Biotechnology: Ethical Considerations,” Center for International Development and Science; Technology and Public Policy Program; and Belfer Center for Science and International Affairs, Harvard University, 24 September 2001.

“Vexing Nature,” conference on “Biotechnology: Philosophical Perplexities, Ethical Enigmas,” Oregon State University, 2 October 2001.

“Vexing Nature,” at American Seed Trade Association, annual meeting, Chicago, IL, 5 December 2001.

“Social Values and the Bioengineering of Animals,” Biotech in the Barnyard: Implications of Genetically Engineered Animals, Dallas, Texas, September 24-25, 2002, Pew Initiative on Food and Biotechnology

“The NC State Research Ethics Program,” NC State Graduate School Board of Advisors, at the College of Textiles, October 11.

“Scientific Ethics,” NC State CALS Graduate Student Honors Workshop, at the Aquaduct, October 14.

“Forbidden Knowledge? The case of transgenic animals," Presidential Colloquium Lecture 2002-2003, "Academic Integrity and the Integrity of the Academy,” Clemson University, October 29, 2002.

“Research Ethics in the Research Triangle,” Inaugural Lecture, Director, Research Ethics Program, NC State University, November 5, 2002.

“Ethics for Credit Union Managers,” SELCO, Eugene, Oregon, November 18, 2003

“Ethics and Genetically Modified Foods," Athenaeum Lecture Series, the Claremont Colleges, Claremont, CA, March 12, 2003.

“Using animals in research,” David Bristol class on Veterinary Ethics, NC State University, April 1, 2003.

“Ethics and Research in Natural Resources,” David Cardenas class on Natural Resource ethics and policy, NC State University, April 3, 2003.

“Ethics and Genetically Modified Foods," Food Science Department seminar, April 14, 2003.

“Ethics and Transgenic Animals," University of Wisconsin conference on Transgenic Animals, April 22-23, 2003.

“Ethics and Genetically Modified Foods," Calvin College conference on GM Foods, April 25-26, 2003.

“Responsible Conduct of Research,” Research Operations Council, NC State, July 24, 2003.

“Research Ethics Resources at NC State,” NC State Research Ethics Graduate Student Seminar Series, August 19, 2003

“The History and Relevance of Responsible Conduct of Research,” Graduate School Orientation, Duke University, August 23, 2003

“Ethics in Research,” in BO 624B, “Ethical Issues in Plant Biology,” taught by Dr. Niki Robertson, August 28, 2003

“Ethics and Genetically Modified Foods,” NC State Research Ethics Seminar Series, September 11, 2003

“The History and Relevance of Research Ethics,” NC State Research Ethics Seminar Series, September 22, 2003

“The Place of Ethics in Corporate Training,” General Henry Hugh Shelton Leadership Forum, Nov 13, 2003.

“Ethics and the Law,” NC State University Lawyer Alumni Program, Nov 21, 2003.

“Ethics and Education," University of Hawaii, keynote address, conference on ethics and education, Feb 27, 2004.

“Ethics and Food Safety,” FSA 580, “Professional Development and Ethics in Food Safety,” taught by Donn Ward (inivited), March 5, 2004.

“Ethics and Genetically Modified Foods," Norwegian University of Science and Technology, Trondheim, Norway, April 5, 2004.

“Ethics and Evolutionary Psychology,” in PSY 510N, “Evolutionary Psychology,” taught by Dr. David Martin, April 20, 2004

“The Research and Professional Ethics Program,” Graduate Operations Council, Oct 6, 2004

“Ethics and Genetically Modified Foods," Institute for Global Studies, Johns Hopkins University, Oct 21, 2004.

With Humberto Rosa, "Bioética para as Ciências Naturais", at a conference, "Bioetica para as Ciencias Naturais," FLAD Auditorium, R. do Sacramento à Lapa 21, Lisbon, Portugal, July 23, 2004.

With Humberto Rosa, "International Bioethics Institute: promoting ethical education for the life and natural sciences at the conference" at the 5th Congress of the European Society for Agricultural and Food Ethics, in Leuven, Belgium, September 2, 2004.

"Vexing Nature? On the ethical case against agricultural biotechnology" keynote address to the 5th Congress of the European Society for Agricultural and Food Ethics, in Leuven, Belgium, September 2, 2004.

"History and Relevance of Research Ethics," Fall Orientation, Graduate School, UNC-Chapel Hill, October 5, 2004.

"Ethics and Genetically Modified Foods," The Institute for Global Studies in Culture, Power and History, Johns Hopkins University, October 21, 2004.

"Ethics, Equality, and Agricultural Biotechnology," presentation at a Congress of Racial Equality conference on "Biotechnology: Implications and Realities," at the United Nations, New York, January 18, 2004.

"Integrating Ethics Across the Curriculum: Teaching Ethical Theory When Neither Paid Nor Trained," Iowa State University, November 29, 2004.

"The Ethics of Factory Farming," American Philosophical Association Central Meeting, Chicago, Illinois, April 28, 2005.

"Can we harm nature by genetically modifying plants to produce pharmaceutical products?" Symposium at Yale University on "Genetically Modified Plants for Producing Pharmaceutical Products: Scientific Advances, Bioethical and Policy Issues," May 12, 2005

"The Replaceability Argument," Agriculture, Food and Human Values Society annual meeting, Portland, Oregon, June 9, 2005.

"A Very Brief Introduction to Ethical Theories," Ethics and Survival Skills Conference in Snowmass, Colorado on "Teaching Survival Skills and Ethics" June 13, 2005

"A Brief Introduction to Research Ethics for New Faculty," NC State Faculty Orientation, 10 August 2005

"Research Ethics for Research Assistants," NC State Graduate Student Orientation, 16 August 2005

"Graduate Study and Ethics," NC State Graduate Student Orientation, 16 August 2005

"Ethical Issues in Teaching," NC State Graduate Student Orientation, 16 August 2005

"Computer Science and Research Ethics," with David Wright and Tom Honeycutt, Dept. of Computer Science, 28 October 2005

"Integrating Ethics into the Human Nutrition, Food and Animal Sciences Curriculum, Dept. of Human Nutrition, University of Hawaii, 30 January 2006

"Altering Human Nature," University lecture co-sponsored by Philosophy and Biology departments, UNC-Wilmington, 23 February 2006

"Ethical Issues in Global Climate Change," Dept. of Marine, Earth and Atmospheric Science, NC State, 4 April 2006

"Ethical Issues in Nuclear Engineering," with Man-Sung Yim and Jun Li, Dept. of Nuclear Engineering, NC State, 20 April 2006

"A Very Brief Introduction to Ethical Theories," Ethics and Survival Skills Conference in Snowmass, Colorado on "Teaching Survival Skills and Ethics," June 12, 2006

"Models and Strategies for Implementing Ethics Instruction: Land Grant Universities," 12th Annual Ethics and Survival Skills Conference in Snowmass, Colorado on "Teaching Survival Skills and Ethics," June 13, 2006

"Introduction to Research Ethics," NSF Research Experience for Undergraduates (REU), NC State University, June 22, 2006.

"Teaching Research Ethics to Agricultural and Biological Engineers: LANGURE," 2006 Annual International Meeting of the American Society of Agricultural and Biological Engineers, Portland, Oregon, 9 July 2006.

"Do We Need to Develop a Model Curriculum in Research Ethics? LANGURE," North Carolina Central University, August 18, 2006.

"Ethical Issues in Research," NC State New Faculty Orientation Workshop, 10 August 2005

"Research Ethics for Research Assistants," NC State Graduate Student Orientation, 16 August 2006

"Graduate Study and Ethics," NC State Graduate Student Orientation, 22 August 2006

"Research Ethics for Research Assistants at NC State," NC State Graduate Student Orientation, 22 August 2006

"Ethical Issues in Teaching," NC State Graduate Student Orientation, 22 August 2006

"A Very Brief Introduction to Ethical Theories," Ethics and Survival Skills Conference in Snowmass, Colorado on "Teaching Survival Skills and Ethics," June 12, 2006

"Models and Strategies for Implementing Ethics Instruction: Land Grant Universities," 12th Annual Survival Skills and Ethics conference, Snowmass, CO, June 12, 2006

"Introduction to Research Ethics," NSF Research Experience for Undergraduates (REU), NC State University, June 22, 2006

"Teaching Research Ethics to Agricultural and Biological Engineers: LANGURE," 2006 Annual Meeting of the American Society of Agricultural and Biological Engineers, Portland, Oregon, July 9, 2006

"Do We Need to Develop a Model Curriculum in Research Ethics? LANGURE," North Carolina Central University, August 18, 2006

"Research Ethics for Sociologists," NC State University sociology dept., August 31, 2006

“Challenges for Research Ethics at Land Grant Universities,” NC State, Oct 27, 2006

“Challenges for Research Ethics at Historically Black Universities,” NC A&T, Nov 29, 2006

“Ethical Issues in Power Electronics Research,” NC State Semiconductor Power Electronics, Dec 1, 2006

“Research Ethics for Computer Scientists,” with Travis Breaux, Computer Science 600, NC State, Dec. 8, 2006

“Teaching Life Science Ethics: An American Perspective,” at 'Life Science Ethics: A New Approach in Higher Education' conference, Mordovia State University, Saransk, Russia, Feb. 2, 2007

“LANGURE, a new approach to responsible conduct of research training,” Association for Practical and Professional Ethics annual meeting, Cincinnati, OH, Feb. 23, 2007

“The OpenSeminar in Research Ethics,” Association for Practical and Professional Ethics annual meeting, Cincinnati, OH, Feb. 25, 2007

“Altering Human Nature? Looking Ahead in Nanotechnology Ethics,” University of North Carolina - Chapel Hill and NC State, Center for Environmentally Responsible Solvents and Processes, March 19, 2007

"A Very Brief Introduction To Ethical Theory," at Teaching Survival Skills and Ethics conference, Snowmass, Colorado, June 11, 2007

“One Got Away,” Environmental and Agricultural Ethics mini-conference, Iowa State University, June 25, 2007

“Life Science Ethics, Bioethics, and Environmental Ethics," Moscow State University, Moscow, Russia, July 2, 2007

“Ethical Reasoning and Environmental Ethics," Moscow State University, Moscow, Russia, July 2, 2007

“Life Science Ethics, Bioethics, and Environmental Ethics," Moscow State University, Moscow, Russia, July 2, 2007

“Ethics, Politics, and Environmental Discourse," Moscow State University, Moscow, Russia, July 3, 2007

“Using Case Studies to Teach Environmental Ethics," Moscow State University, Moscow, Russia, July 3, 2007

Moderator and respondent, "The Ethics of Food Animal Production, Processing and Control," Joint Annual Meeting of the ADSA, PSA, Asociación Mexicana de Producción Animal (AMPA), and American Society of Animal Science (ASAS), San Antonio, Texas, July 9, 2007

With Paul Thompson, "Ethics of Genomic Testing and Information," American Chemical Society, Annual Meeting, Boston, August 21, 2007

"Preventive ethics," Duke University, RCR Orientation, Aug. 23, 2007.

"The OpenSeminar in Research Ethics," CITI annual meeting, Fred Hutchinson Cancer Research Center, Seattle, WA, Oct. 5, 2007.

"Extend and Assess Research Ethics Education," NC A&T University, 26 Nov 2007

"Should We Test Pesticides on Children?" Environmental Protection Agency, Research Triangle Park, NC, Nov 29, 2007

"The OpenSeminar in Research Ethics," Hawaii International Conference on Arts and Humanities, Waikiki Beach Marriott, Honolulu, Hawaii, Jan. 11, 2008.

"Altering Human Nature," Hokkaido University, Sapporo, Japan, Jan 18, 2008

"The OpenSeminar in Research Ethics," U. Hawaii Center for Teaching Excellence, Jan. 11, 2008.

"Teaching Research Ethics at the Graduate Level," American Association of Physics Teachers annual meeting, Washington, DC, Jan. 23, 2008

"Should we replace animals with humans in research?" Duke University RCR Forums, 17 Mar 2008

"Singularity, Superiority," Osher Lifelong Learning Institute, Duke University, March 13, 2008

"Life Science Ethics: Future Directions," Leibnizhaus, Hannover, Germany, Apr 23, 2008

"Ethics and Genetically Modified Foods," Leibnizhaus, Hannover, Germany, Apr 24, 2008

"Life Science Ethics: Future Directions," University of Seville, Spain, Apr 28, 2008

"Singularity," Moscow State University, Moscow, Russia, July 7, 2008

"Superiority," Moscow State University, Moscow, Russia, July 8, 2008

“Teaching environmental research ethics: The OpenSeminar in Research,” Moscow State University, Moscow, Russia, July 3, 2008

“Teaching appropriate conduct in environmental research,” Moscow State University, Moscow, Russia, July 3, 2008

“Do We Need GMOs? A Conversation with Vandana Shiva and Gary Comstock,” The Politics of Food conference, Raleigh, NC, 24 Sep 2008

“Perspectives on Ethics in Engineering,”Engineer of 2020 workshop, Purdue University, 30 Sep 2008

“LANGURE: What is it?” National Science Foundation, 9 Jan 2008

“Research Ethics for Weed Scientists,” WSSA annual meeting, Orlando, FL, 11 Feb 2009

“OpenSeminar for Research Ethics for the Humanities,” National Humanities Center 2 Feb 2009

G. M. Bodner and G. Comstock, "Helping students learn what is (and what is not) plagiarism," Symposium on "Plagiarism: What Is It? What Can We Do About?" held at the 237th American Chemical Society National Meeting, Salt Lake City, UT, 22 March, 2009.

“Research Ethics for Food Scientists,” Institute of Food Technologists annual meeting, Anaheim, CA, 7 June 2009.

“Addressing Ethical Apathy and Research Misconduct,” Third International Summer School on Environmental Ethics in Teaching Social Sciences and Humanities,” Moscow State University, Moscow, Russia, July 6, 2009

“Teaching Ethical Decision-Making," Environmental Ethics International Summer School, Russia, July 7, 2009

“A Russian Analog of the OpenSeminar in Research Ethics?” Environmental Ethics International Summer School, Russia, July 8, 2009

"Discover, Disseminate: Lessons for human enhancement from the history of animal breeding," Invited lecture at a conference on "Human enhancement: an interdisciplinary inquiry," Université Paris Descartes, March 12-13, 2010.

“Research Ethics,” University of Utah, Department of Nuclear Engineering, Summer School, April 19, 2011

“Feeling Matters,” The Evolution and Function of Consciousness, Summer School, U. of Quebec, Montreal, June 30 - July 8, 2012

"Research unplugged," North Carolina State University Honors Program, Sept. 7, 2012

"Is Social Responsibility a Requirement of Responsible Conduct of Research?" 3rd World Conference on Research Integrity, Montreal, May 6, 2013

"A Philosophical Guide to Teaching the Responsible Conduct of Research," Colorado State University, Oct. 18, 2013

"The Blood of Multitudes," the Lee Speer Colloquium memorial lecture, Colorado State University, Oct. 18, 2013

"Feelings matter: The role of animals in sustainable communities," Lecture series in Ethics, Policy, and Science, Purdue University, Oct. 9, 2014

"Animal Science," Macmillan Handbook on Environmental Ethics Work Group, Tucson, November 13, 2015

"What Do Cows Think About? Why Should Anyone Care?" Davidson College, invited public lecture, April 30, 2020 (presented remotely).

"*How We Evaluate*: Developing an Advanced Course in Argument Mapping," roundtable discussion at "How We Argue" summer seminar, co-sponsored by ThinkerAnalytix and the Harvard Department of Philosophy (presented remotely) June 15, 2021.

"The Argument from Overlapping Species for Animal Rights," The Jefferson Scholars Lecture Series, NC State University, Aug 30, 2021.

"*How We Evaluate:* A Novel Online Critical Thinking Course*,* NC State University Office of Faculty Excellence Teaching and Learning Symposium (presented remotely) Feb. 25, 2022.

"How I Use *How We Argue,"* Thinker Analytix Summer Program (presented remotely), July 13, 2022.

"Automating *How We Evaluate*," National Science Foundation Workshop on Argumentation and Automation, Iowa State University, 9-10 February 2023.

"How We Evaluate: A New Initiative to Teach Critical Thinking at NC State," Faculty Conversation Series, NC State Office of Faculty Excellence, April 26, 2023

"Discover Deduction: Critical thinking meets civil discourse," Ethics of Argumentation Speaker Series, The Argumentation Network of the Americas, Oct. 6, 2023.

"After How We Argue: What comes next? Discover Deduction and the 10 Box Model," thinkLAB Speaker Series, ThinkerAnalytix, March 5, 2024

"Why I Evangelize for *thinkARGUMENTS,* ThinkerAnalytix Board Meeting, New York City, Jan. 28, 2025.

"Animal Ethics, Science, and the Arts: Are We Justified in Controlling Cockroaches?" Animal–Human–AI Co-Consciousness Catalysis Meeting, NC State University, Oct. 2, 2026.

With Simon Cullen and Michael Hoffmann, "Tools for Helping People Think and Talk Together about Controversial Issues," PPE Society, Tenth Annual Meeting, New Orleans, Nov. 12, 2026.

Respondent to Papers, Chair of Sessions

Respondent, "Alasdair MacIntyre's *After Virtue* and Theological Ethics," Charles Pinches, Notre Dame University, 1982.

Respondent, "The Rhetorical Character of Old Testament Narrative and Its Interpretation," Allen Scult, Postscript Society, 1984.

Respondent, "The Logical Status of Biblical Theology," Dale Patrick, Postscript Society, 1984.

Chair, "The Meaning of the Person," Midwest Regional Conference, Society of Christian Philosophers, 1985.

Convener, "Keane's *Christian Ethics and Imagination*," Society of Christian Ethics, annual meeting, 1986.

Moderator, "Religious Values and the Farm Crisis: A Debate," Iowa State University, "Is There a Moral Obligation to Save the Family Farm?" February 1986.

Chair, Religion and Literature section, Upper Midwest AAR, annual meeting 1986.

Respondent, "Styron's *The Confessions of Nat Turner*: The Novel as Challenge to Moral Reflection," Kristi Anderson, Upper Midwest AAR, annual meeting, 1986.

Chair, Religion and Literature section, Upper Midwest AAR, annual meeting, 1987.

Respondent, "Ritual Functioning in Narrative Literature," Carol Schersten La Hurd, Upper Midwest AAR, annual meeting, 1987.

Respondent, "Reverence for Life Revisited," Lois K. Daly, AAR, annual meeting, 1988.

Respondent, "Rhetoric and Technology," Philip J. Chmielewski, AAR, annual meeting, 1988.

"Breakfast with an Author" session, regarding Comstock, ed., *Is There A Conspiracy Against Family Farms?* at the Society of Christian Ethics, annual meeting, Culver City, CA, 1990.

"Ethics, Values and Ideology in Sustainability," session moderator at conference, "Varieties of Sustainability," annual meeting of the Agriculture and Human Values Society, Pacific Grove, CA, May 1991.

Chair, "Animals: Too Far Out or In Too Deep," Society for the Study of Ethics and Animals, APA Pacific Division Annual Meeting, March 1992.

Respondent, "Why Adams Needs to Modify His Divine Command Theory One More Time," Stephen Sullivan, APA Pacific Division Annual Meeting, Mar 1993.

Chair, "Divine Command Theory," APA Central Division Annual Meeting, May 1994.

Chair, "The Ethical Implications of Research," Panel at ISU Institute of National Affairs, "The Politics of Technology," Jan 1995.

Chair, "What Do Animals Care About?" Society for the Study of Ethics and Animals, APA Pacific Division Annual Meeting, April 1995.

Respondent, "*Religious Autobiographies*: A New Text Meets Three Classes," Panel at AAR annual meeting, Philadelphia, Nov 1995.

Respondent, "Biospherical Egalitarianism and `Who Do You Kill' Dilemmas," Professor Mark Michael, International Society for Environmental Ethics APA Pacific Division, Seattle, Apr 1996.

Moderator, "Bioethics Panel Discussion," Margaret Mellon: "Society's Concerns About Biotechnology," plenary session at "Extension's Role in Biotechnology Education," Oct 1996.

Moderator, "Perspectives on Siting Large Swine Units: A Role-Playing Exercise, Mark Honeyman, "PST: Pork with Stuffing and Trimmings?" Palmer Holden, and "Ethical Issues in the Genetic Engineering of Animals," Clark Ford, concurrent workshop at "Extension's Role in Biotechnology Education," Oct 1996.

Respondent, "Theodicy and Animal Pain," by Joe Lynch, Society for the Study of Ethics and Animals, Oakland, CA. 28 Mar 1997.

Chair, "Animal Ethics," First European Congress on Agricultural and Food Ethics, Wageningen Agricultural University, The Netherlands, 5 Mar 1999.

Chair, “Understanding Resistance to Biotechnology,” Biotechnology Extension Conference, ISU, 9 Oct 2000.

Co-chair, with C. S. Prakash, “Extending Biotechnology’s Benefits to Developing Countries,” meeting held in conjunction with the World Food Prize, Des Moines, 12-13 Oct 2000.

Panel with John Gilligan, “The Ethics of Publishing and Peer Review,” NC State, WM Keck Center for Behavioral Biology, September 4, 2002.

Informal discussion, “Research Ethics,” NC State, Bioinformatics Research Center, September 19, 2002

Chair, “Environment, Science,and Societal Values: Ethics Across the Curriculum,” NC State faculty retreat, March 27, 2004

Chair, Russ Shafer-Landau, “Reasons for Everyone,” Triangle Area Philosophy Symposium, Duke University, September 4, 2015

I organized and chaired a panel, “Hare’s Utilitarianism, Varner’s Animals,” at 15th Conference of the International Society for Utilitarian Studies, Karlsruhe Institute of Technology, Germany, July 24-26, 2018.

Professional Associations

American Philosophical Association
American Academy of Religion
Society of Christian Philosophers
International Society for Environmental Ethics
Society for Agriculture, Food and Human Values
Expressive Communication and the Origins of Meaning Research Group, University of North Carolina-Chapel Hill (affiliated faculty)

Editorial and Advisory Work

Editor-in-Chief, OpenSeminar in Research Ethics, 2007-

Editor-in-Chief, *On the Human*, 2009-

Editor-in-Chief, *OpenSeminar on the Human*, 2009-

The Journal of Religion: article referee, 1985, 1989, 1990, 1993.

American Academy of Religion: reviewer for decision regarding continuation of "Narrative Interpretation and Theology" Group, 1986.

Social Science Agricultural Agenda Project: Advisory Board, 1986-1991. Upper Midwest AAR Region (program representative, 1986-88)

Program Representative, Upper Midwest Region, AAR, 1986-88.

Bicentennial of the Constitution Conference: reviewer of meeting at Drake University, March 12-14, 1987, for Iowa Humanities Board and National Endowment for the Humanities.

Indiana University Press: reviewer of proposal for book on religious language, 1987.

Iowa State University Press: reviewer of manuscripts, 1987-88, 1995.

Cambridge University Press: reviewer of manuscript, 1988.

Office of Technology Assessment, U. S. Congress: reviewer of draft of *Patenting Life*, 1988.

United Methodist Church, General Board of Church and Society, invited commentator on statement on Genetic Science, 1990.

The Journal of Agricultural Ethics, article referee, 1991.

Journal of Agricultural and Environmental Ethics, Advisory Board, 1991-

Journal of Agricultural and Environmental Ethics, article referee, 1991, 1992, 1993.

National Science Foundation, Directorate for Biological, Behavioral, and Social Sciences: outside reviewer of proposals to "Ethics and Values" program, 1991, 1994, 1995, 1998.

National Science Foundation, Directorate for Biological, Behavioral, and Social Sciences: review panelist for "Ethics and Values" program, 1999.

National Research Council, Program in Science and Technology Cooperation: reviewer of proposal, 1992.

State of Idaho Board of Education: reviewer of proposal to Specific Research Grant Program, 1992.

Macmillan Publishing Company: manuscript referee, 1992.

Edwin Mellen Press, The Animal Rights Library: Editorial Board, 1992-

National Endowment for the Humanities: a reviewer of proposal to program of Humanities, Science, and Technology, 1994.

Agriculture and Human Values, article referee, 1995.

Society for the Study of Ethics and Animals: reviewer of a paper submitted for 1995 annual meeting.

Routledge Limited (Press): reviewer of manuscript proposal, 1995.

Chapman and Hall Limited: reviewer of book proposal, 1995.

"Ethics and Biotechnology: A Blueprint for the Future," Working Group on University Education, Northwestern University NSF-sponsored conference, January 1996.

National Agricultural Biotechnology Consortium, Ethics Committee, member, 1996.

National Humanities Center: reviewer of Fellowship proposals, 2009-11

Review Editor, *ELSI in Science and Genetics*, 2016-

Philosophical Gourmet Report, reviewer, Philosophy Ph.D. programs, invited, 2021

Science and Engineering Ethics, paper referee, 2021

Endorsement of R. Judge and C. Taliaferro, *An Agrarian Proposal* (Wipf and Stock, forthcoming), invited.

Endorsement of Aidan Kestigian, *Democratic Decision-Making in a Critical Thinking Crisis* (Bloomsbury), invited.

Adviser, Invincible Wellbeing, a research group "focused on safely minimizing suffering among all sentient life," 2022-

Member, thinkARGUMENTS review committee, thinkerAnalytix, Fall, 2024.

Seminars, Panels, Conferences

Seminar 1983: "Hermeneutics and Religious Ethics".
Panel 1983: "Christian Ethics in the Workplace," Institute for Human Development, Des Moines
Conference 1984: "Religious Ethics and Technological Change," ISU.
Seminar 1984: "The Art and Ethics of Biblical Narrative".
Conference 1985: "Forty Years After Hiroshima: Lessons for the Future," ISU.
Seminar 1985: "The Use and Abuse of the Bible in Christian Ethics".
Conference 1986: "Is There a Moral Obligation to Save the Family Farm?" ISU.
Seminar 1987: "Stories About God".
Conference 1987: "Is There A Conspiracy Against Family Farmers?" ISU.

Conference 1988: "Cultivating Peace," ISU.
Panel 1990: "Male Feminism: Visions for the 90," ISU.
Conference 1990: "Patenting Life," ISU.
Seminar 1991: "Teaching the Introduction to Religion Course," ISU.
Conference 1991: "Feminism and Ecological Visions," ISU.
Committee 2010: "Exploring Genetic Modification of Plants: New Approaches and Implications for Definitions," National Research Council Committee on Agricultural Biotechnology, Health and the Environment, National Academies of Science, August 15, 2010, Washington, DC
Committee 2010-12: Scientific Advisory Board, International Conference of Education, Research, and Innovation, Nov 14-16, 2011, Madrid, Spain
Panel: Organizer and chair, "Hare's Utilitarianism, Varner's Animals," at 15th Conference of the International Society for Utilitarian Studies, Karlsruhe Institute of Technology, Germany, July 24-26, 2018.

Administration and Service Activities
Iowa State University (1982-2002)
North Carolina State University (2002 -)

Departmental

Adviser, Philosophy and Religious Studies Club, 1982-84, 1992-96
Member, DEO Review Committee, 1983-84
Chair, Guest Lecturers Committee, 1984-1988
Member, Faculty Seminar Series, 1984-1988
Member, Faculty Status Review Committee, 1985-6, 89-90, 96-2001
Ad hoc committee to nominate outstanding teachers, 1990-96
Curriculum Committee, 1990-96
Awards and Honors Committee, 1991-96
Teaching Schedule Committee, 1989-92
Career Planning and Placement liaison, 1992-96
Chair, Search Committee for New Appointments in Religious Studies, 1984-5, 1992-4 (2)
Chair, Governance Committee, 1996-8
Member, RPT committee, 2010-11
Member, Awards committee, 2010-2013, 2017-2018
Member, Teaching Assistant Professor Search Committee, 2019-
Member, Committee for the Alumni Distinguished Undergraduate Professor Award, 2020-24
Member, Ad hoc review of Teacher Awards Committee
Advisor: Health, Medicine and Human Values Minor, 2010-
Member: Department Diversity Committee
Member: Search Committee for Tenure-Track Assistant Professor in Philosophy of Law
Member: Faculty Awards Committee
Member, Teaching Assistant Professor Search Committee

Member, Working Group to Revise Department PTR Rule (2022)
Member, Philosophy of Law Search Committee (2022-23)
Member: Departmental Scholarly Reassignments Committee (2023-24)
Member: Search Committee for Tenure-Track Assistant Professor in Logic (2023-24)

College

Member, Advisory Board to Religious Studies Program, 1982-4
Adviser, Students Against Reaganism, 1983-5.
Liaison, Fund for Theological Education 1984-94.
Coordinator of Visits to Campus of: Stanley Hauerwas (1982), Walter Capps (1984), Langdon Gilkey (1984), Ian Barbour (1984), Alan Geyer (1985), Wendell Berry (1986), Michael Novak (1987).
Coordinator, "Conference on Torture," November 1984. Speakers: Rene Hurtado, Gwen Bottoli.
Faculty Adviser, Amnesty International, 1985-1988, 1991-2001
Liaison, Honors Program, 1985-92.
Coordinator, Religious Studies Program, 1987-88, 1990-94.
Faculty Advisor, Mennonite Student Organization, 1991-94.
Member, Stewart Faculty Status Review Committee, 2002
Member, CHASS International Travel Committee, 2010-2022
Member: College International Programs committee
Alternate Department Representative: College Research Committee
Reviewer, CHASS Merit Scholarship Applications, 2019
Alternate Representative, Research Committee, 2019-
Member, CHASS International Travel committee (2020)
Representative, College International Travel Committee
Alternate Representative, College Research Committee

University

Member, Student Grievance Committee, 1984-5.
Department Liaison, Career Development and Placement, ISU, 1983-present.
Coordinator, Literary Theory and Criticism Seminar, Iowa State University, 1985-1986 (with Steve Baker).
Member, Environmental Studies advisory committee, 1986.
Organizer and coordinator, First Annual Conference on Religious Ethics and Technological Change, ISU, 1984 (with Brent Waters).
Organizer and coordinator, Second Annual Conference on Religious Ethics and Technological Change, entitled "Forty Years After Hiroshima," ISU, 1985 (with John Donaghy and Dan Clark).
Organizer and coordinator, Third Annual Conference on Religious Ethics and Technological Change, entitled: Is There A Moral Obligation to Save the Family Farm?" ISU, 1986.
Organizer and coordinator, Fourth Annual Conference on Religious Ethics

and Technological Change, entitled "Is There a Conspiracy Against Family Farmers?" ISU, 1987.

Organizer and coordinator with Mary Sawyer, Fifth Annual Conference on Religious Ethics, entitled "Cultivating Peace," ISU, 1987.

Organizer and coordinator, "Patenting Life" Colloquium, ISU, 1990.

Coordinator, ISU Bioethics Program, 1990-

Editorial Committee for Biotechnology Public Education, Office of Biotechnology, 1991-3.

Program Liaison, Parks library, 1992-1996.

Faculty Adviser, Student Chapter of Veterinarians for Animal Rights, 1992-

Member, Steering Committee, ISU International Institute for Theoretical and Applied Physics (at invitation of the Provost), 1993-1998.

Member, Institute on World Affairs Committee, 1995-98.

Member, GMO Task Force (at invitation of Dean of Ag College), 1999.

Member, National Conference on Moral Education in a Diverse Society planning committee, 2002, meeting to be held Sept 2003, at Duke U.

Faculty expert, World Food Prize Youth Institute, Des Moines, Iowa, Oct 26, 2002.

Member, planning committee, CHASS and Extension workshop at the 2003 Emerging Issues Forum, February 10-11, 2003, *Jump Starting Innovation: Government, Universities, and Entrepreneurs*.

Administrative Team, "Biostatistics Training in the Omics Era," NIH Training Grant, Prof. Spencer Muse (Statistics), PI (2011-2016)

Community Service

Head, Whittier Neighborhood Association, 1982-6.

Member, "Task Force on Faith, Science and Technology," United Ministries in Higher Education, 1983-5.

Coordinator, "Campaign to Abolish Torture," Amnesty International, Group 40, 1983-5.

Local Liaison, Postscript Society, 1982-3, 1985-6.

Facilitator, UN-USA discussion group, "Professional Ethics," Ames Library, 1987.

Board Member, United Ministries in Higher Education, 1988.

Commentator on draft of statement on Genetic Science by the General Board of Church and Society of the U. Methodist Church, 26 October, 1990.

Participant, International Student Friends, 1990-91.

Member, Amnesty International, Group 40, 1983-88, 1990-2001

Coach, Boys youth basketball, Parks and Recreation leagues, 1991-95, 2000-02

Advising

Undergraduate:

Adviser, Gene Morey, Religious Studies Major, 1984-5.

Adviser, Kay Patterson, Religious Studies Major, 1984-7.

Adviser, Jennifer Egerer, Religious Studies Major, 1984-7.

Adviser, Anthony Muller, Philosophy Major, 1984-5.

Adviser, Cathleen Elings, Religious Studies Major, 1985-7.
Adviser, Dan Kueper, Special Student, 1985-6.
Adviser, Anna Rilla Holmes, Religious Studies Major, 1986-7.
Adviser, Eric Larson, Philosophy Major, 1987.
Adviser, Heather Thompson, Religious Studies Major, 1987-8.
Adviser, Logan Shinn, Religious Studies Major, 1987-8.
Adviser, Patricia Robillard, Religious Studies Major, 1988.
Adviser, Richard Kirkpatrick, Religious Studies Major, 1990-2.
Adviser, Heather Carver, Religious Studies Major, 1990-2.
Adviser, Joel Swanson, Religious Studies Major, 1990-2.
Supervisor, Shileen Groth, professional internship with *Ag Bioethics Forum*, 1992-3.
Adviser, Ingrida Pelds, Religious Studies Major, 1990-5.
Adviser, Robert State, Religious Studies Major, 1990-4.
Adviser, Troy Stolp, Religious Studies Major, 1991-4.
Adviser, Nathan Montover, Philosophy Major, 1992-4.
Adviser, Bret Denekas, Religious Studies Major, 1991-4.
Adviser, Obinna Eregbu, Religious Studies Major, 1992-4.
Adviser, Jennifer Keenan, Religious Studies Major, 1992-4.
Adviser, Dwight Dake, Religious Studies Major, 1993-6.
Adviser, Susan Evans, Religious Studies Major, 1993-4.
Adviser, Frances Moyer, Religious Studies Major, 1993-4.
Adviser, Marlene Tiefenthaler, Religious Studies Major, 1993-7.
Adviser, Tim Casady, Religious Studies Major, 1993-4.
Adviser, Liza Roach, Religious Studies Major, 1994-5.
Adviser, Tyler Roach, Religious Studies Major, 1993-7.
Adviser, Rich McCarty, Religious Studies Major, 1994-6.
Adviser, Jason McClain, Religious Studies Major, 1995-8.
Adviser, Robin Miessler, Religious Studies Major, 1995-8
Adviser, Susan Stanton, Religious Studies Major, 1995-9
Adviser, Janine Putnam, Religious Studies Major, 1996-8
Adviser, Kay Skelton, Religious Studies Major, 1996-02
Adviser, Taryn Jelinek, Religious Studies Major, 1998-01
Adviser, Gabriel Davis, Religious Studies Major, 1998-9
Adviser, Brad Vander waal, Religious Studies Major, 1996-8
Adviser, Ben Shane, Religious Studies Major, 1997-8
Adviser, David Leonard, Religious Studies Major, 1998-00
Adviser, Amber Moore, Religious Studies Major, 1999-02
Sponsor, Jordan Birkner, Interdisciplinary Self-Designed Major, "Neuroscience: Biology, Psychology, and Behavior," Sp 2022-
Instructor, Elijah Maze, HON 298, Independent Study, "How We Evaluate: Developing an online critical thinking course," Sp 2022
Instructor, James Abate, HON 298, Independent Study, "How We Evaluate: Developing an online critical thinking course," Sp 2022
Instructor, Sam Macy, HON 298, Independent Study, "How We Evaluate: Developing an online critical thinking course" Fa-Sp 2022

Instructor, Khanv Khare, HON 298, Independent Study, “How We Evaluate: Developing an online critical thinking course,” Fa 2022
Instructor, Saniya Pangare, HON 298, Independent Study, “How We Evaluate: Developing an online critical thinking course,” Sp 2022
Instructor, Elijah Maze, HON 298, Independent Study, “How We Evaluate: Developing an online critical thinking course,” Fa 2023
Instructor, Emma Herman, HON 298, Independent Study, “How We Evaluate: Developing an online critical thinking course,” Sp 2023

Undergraduate Research Assistants:

Supervisor, Matthew Mabe, How We Evaluate, 2021
Supervisor, Christian Cormas, How We Evaluate, 2021
Supervisor, Sophie Korenek, How We Evaluate, 2021-22
Supervisor, Sam Macy, How We Evaluate, 2022
Jordan Birkner, 2022-24
Elijah Maze, 2023-24
Riley Brown, 2022-24
Caitlyn Harvey, 2023-25
Olive Rugani, 2024-25
Addy Witherspoon, 2025

Graduate:

Reader, Tom O'Connor, M.A. thesis, 1985.
Reader, Catherine Sichi, M.A. thesis, 1984-5.
Reader, Dennis Hoyt, M.A. thesis, 1984-5.
Reader, Paul Hanstedt, M.A. thesis, 1990-1.
Reader, Chris Schweda, M.A. thesis, 1991-2.
Reader, Jubal Tiner, M.A. thesis, 1992-3.
Reader, Jose Llerena, M.A. thesis, 1992-3.
Reader, Dinah Kerksieck, M.A. thesis, 1993-5.
Reader, Gina Withnell, M.A. thesis, 1993-4.
Reader, Scott Beatty, M.A. thesis, 1993-4.
Reader, Sarah Wheeler, M.A. thesis, 1995.
Reader, Katherine Dillin, M.A. thesis, 1995.
Reader, Andrea Dominick, M.A. thesis, 1996-7.
Reader, Erin Duncan, M.A. thesis, 1997-8.
Reader, Irene Fass, Ph.D. thesis, 2001-2.
Reader, Rashad Easley, M.A. thesis, 2001-2.

Publications

"Why a Science University Needs Religious Studies," *Des Moines Register*, March 26, 1987, p. 15A

"Farm Crisis is Deeper than Just Debt and Prices," *Des Moines Register*, Sept. 23, 1987, p. 9A.

"Multinationals Patenting Animals," *ISU Daily*, June 17, 1988.

"Should Dairy Farmers Adopt bGH?" *Oregon Farmer - Stockman* 112 (April 1989): 16-18.

"_____," reprinted in *The Oregonian*, May 8, 1989, p. B7.

"_____," reprinted as "Why farmers are leery of BGH," Mason City, IA, *Globe-Gazette, North Iowa Farmer*, March l5, 1994, pp. 6-7.

"ISU Committee Studies Bioethics," *Prairie Journal* 2 (Spring 1991): 11.

"Must Mennonites Be Vegetarians?" *The Mennonite* 107 (June 23, 1992): 273.

"Family Farms Need Government's Support," *Mason City Globe-Gazette*, May 10, 1993: 6-7.

"What is Medical Ethics?" *Spine*, June 1, 1994.

"Commentary on Herbicide Resistant Rice Case Study," *The Ag Bioethics Forum* 8 (Nov 1996): 2.

"Two Case Studies: Egg Machines; Hogs with Human Genes," *The Ag Bioethics Forum* (Nov 1996): 7-9.

"What are the ethical issues surrounding genetic modification of nature?" in William K. Purves, David Sadava, Gordon H. Orians, and Craig Heller, eds., *Life: The Science of Biology, 7th ed.* (Gordonsville, VA: W. H. Freeman, 2003), ch. 18, "Natural Defenses against Disease," p. 389.

"The Production of Genetically Engineered Food Is Ethical," in Louise Gerdes, ed., *Genetic Engineering: Opposing Viewpoints* (San Diego: Greenhaven, 2004), pp. 110-120. Reprinted in enotes.com (2006).

"Why shouldn't turkeys get what they want?" *The News & Observer* (Raleigh, NC), Q section, Nov 19, 2006.

With Brenda Alston-Mills and Christine Grant, "Research Ethics Education: Beyond RCR Training," *FCTL Newsletter* 2 (Feb 2007), pp. 1, 4.

"Teaching Research Ethics to Scientists and Professionals," *Wake County Physician Magazine*, Oct. 2009.

"You Should Not Have Let Your Baby Die," *New York Times,* 12 July 2017.

_____. Reprinted in Udo Schüklenk and Peter Singer, eds. *Bioethics: An Anthology, 4th Edition* (Hoboken, NJ: Wiley-Blackwell, 2021).

_____. Reprinted in Peter Catapano and Simon Critchfield, eds. *Question Everything* (NY: Liveright, 2022) pp. 289-293.

Kristin Andrews, Gary Comstock, Gillian K. D. Crozier, Sue Donaldson, Andrew Fenton, Tyler John, L. Syd M Johnson, Robert Jones, Will Kymlicka, Letitia Meynell, Nathan Nobis, David Pena-Guzman, James Rocha, Bernard Rollin, Jeff Sebo, Adam Shriver, and Rebecca L. Walker, "The Philosophers' Brief on Chimpanzee Personhood," Brief by amici curiae philosophers in support of the petitioner-appellant, Court of Appeals, State of New York, February 23, 2018.

Kristin Andrews, Gary Comstock, G.K.D. Crozier, Andrew Fenton, L. Syd M Johnson, Robert Jones, Letitia Meynell, Nathan Nobis, David Peña Guzmán, James Rocha, Bernard Rollin, Adam Shriver, "The Philosophers' Brief on Elephant Personhood," an amicus curiae brief in support of the Nonhuman Rights Project's Court Appeal, October 2018.

Gary Comstock, Sue Donaldson, Andrew Fenton, Tyler M. John, L. Syd M Johnson, Robert Jones, Will Kymlicka, Letitia M. Meynell, Nathan Nobis, David M. Peña Guzmán, James Rocha, Bernard E. Rollin, Jeff Sebo, Adam Shriver, "The Philosophers' Brief in Support of Happy's Appeal," an amicus curiae brief in support of the Nonhuman Rights Project's Court Appeal, September 2021.

Peter Singer, Gary Comstock, Adam Lerner, "A Brief in Support of Happy's Appeal," amicus curiae brief in support of the Nonhuman Rights Project's Court Appeal to the State of New York Appellate Court, March 30, 2022.

Gary Comstock, Adam Lerner, and Peter Singer, "Why the Court Should Free Happy," *Inside Sources*, 17 May 2022.

_____. Reprinted in *The Detroit News,* 17 May 2022.

_____. Reprinted in *The Nashua Telegraph,* 18 May 2022.

Gary Comstock, Adam Lerner, Macarena Montes Franceschini, and Peter Singer, "Orangutans are persons with rights: Amicus Curiae brief in the Sandai case," Court of Appeals of San Miguel, Santiago, Chile, on behalf of the Interspecies Justice Foundation, 17 July 2022

How We Evaluate: Using Discover Deduction to Evaluate Argumentative Essays. A free online textbook on advanced critical thinking 2009-2022. https://moodle-projects.wolfware.ncsu.edu/course/view.php?id=8500.

Peter Singer, Gary Comstock, Adam Lerner, "Letter of Amicus Curiae, Supporting Verified Petition for a Common Law Writ of Habeas Corpus and Issuance of an Order to Show Cause in re Nonhuman Rights Project, Inc. on behalf of Amahle, Nolwazi, and Mabu," Supreme Court of California, 1 Sept. 2023.

Gary Comstock, Andrew Fenton, L. Syd M Johnson, Robert Jones, Letitia Meynell, Nathan Nobis, David Peña-Guzmán, and Jeff Sebo, *A Philosophers' Letter in Support of Amahle,*

Mabu, and Nolwazi (2023), submitted to the Honorable Jorge E. Navarrete of the Supreme Court of California.

"Tom Regan's *The Case for Animal Rights,"* an audio essay in the audiobook *The Case for Animal Rights* (Culture and Animals Foundation, 2023).

Gary Comstock, Andrew Fenton, L. Syd M Johnson, Robert C. Jones, Letitia M. Meynell, Nathan Nobis, David M. Peña Guzmán, James Rocha, Jeff Sebo. Brief of Amicus Curiae Philosophers, The Nonhuman Rights Project, Inc. on behalf of Missy, Kimba, Lucky, LouLou, and Jambo. Missy. Colorado Supreme Court. May 22, 2024.

"How Can We Teach Appropriate Modes of Disagreement?" The James G. Martin Center for Academic Renewal (forthcoming).

Radio, TV, and Internet Interviews

A. WOI-FM, Ames, IA, Don Forsling, Nov 1986.
B. Wisconsin Public Radio, Madison, WI, Steve Paulson, Jan 1988.
C. WIBW, Topeka, KS, Paul Pippert, Mar 1988.
D. WNYC, National Public Radio affiliate, Brian Lehrer, Mar 1994.
E. KNX, CBS All News Station, Dave Zorn, Mar 1994.
F. WAMC, National Public Radio affiliate, Albany, NY, Jim Horne, Jun 1994.
G. Alan Ismond, NPR affiliate, Seattle, WA, Sep 1994.
H. "Making Democracy Work," Marilyn Silvey, Voice of America, D.C., Nov 94.
I. WHB, Kansas City, Paul Pippert, Jan 1995.
J. "The DNA Files," a nationally syndicated nine-hour production on National Public Radio; broadcast in Ames, 12 Nov 1998, WOI-AM radio.
K. "The Scoop," Masato Takahashi, Director, one hour Japanese television interview on ethics and agricultural biotechnology, TV Man Union, Inc. Tokyo, Japan; 25 Aug 1999.
L. "Marketplace," NPR interview with Wendy Nelson, Great Lakes Radio Consortium; aired on WOI-AM on 18 Feb 2000.
M. "The 'Science and Ethics of Agricultural GMOs' ISU Conference," interview with Von Ketelsen, Farm Director, WMT AM 600, 28 Feb 2000.
N. "Golden Rice," Deann Edwards, Iowa Public TV, 8 Nov 2000."Ethics and GM Crops," Radio Iowa, FM KLRX, 15 Nov 2000.
O. "Ethics and GM Crops," Radio New Zealand, 23 Nov 2000.
P. "Ethics and Stem Cell Research," Stella from "Radio Iowa," Dec 31, 2001, and Jan 1, 2002. 93.3 KIOA, and 1350 KRNT.
Q. "Explore More: Genetic Engineering," Dec 2001, Iowa Public Television website, http://www3.iptv.org/exploreMore/ge/viewpoints/NewframeTest.cfm?vpID=12
R. "Bioethics Program faculty retreat on ethics and stem cells," Rob Dillard, WOI radio, Ames, Jan. 11, 2002.
S. "Food Frights," *Choices and Challenges*, PBS Adult Learning Service, April 11, 2002.
T. "Ethics of Agbiotechnology," *Inner Compass,* Calvin College Television, with Egbert Schuurman, Quentin Schultze, moderator, April 26, 2003.

U. "Transgenics: AquaBounty Salmon and the Enviropig," To the Point, Warren Olney, moderator, http://www.kcrw.com/news/programs/tp, Aug. 20, 2010.
V. "Can we justify killing animals for food? An interview with Peter Singer, Elizabeth Harman, Jeff McMahan, and Gary Comstock," BBC Radio 4, Oct. 26, 2015, www.bbc.co.uk/programmes/b06kbm045
W. "Can we justify killing animals for food? A Facebook Q&A with Jeff McMahan and Gary Comstock," BBC Radio 4, Oct. 26, 2015, www.bbc.co.uk/programmes/b06kbm045
X. A query on authorship, Online Ethics Center for Engineering, OEC, Sept. 16, 2016, www.onlineethics.org/28824/38396.aspx
Y. "Can mistreated dogs ever be considered art?" World news, The Guardian, Sept. 29, 2017, https://www.theguardian.com/world/.../can-mistreated-dogs-ever-be-considered-art
Z. Jen Viegas, "Animal Advocates and Academics Seek Personhood Rights for Chimpanzees," Seeker, April 20, 2018
AA. "Charity Chats: Dr. Gary Comstock on the ethics of eating meat," with Nate Otey, ThinkerAnalytix, public engagement video, 8 November 2021 (https://www.youtube.com/watch?v=RvNHP95UbTA)

Media mentions (beginning in 2000)

U.S. media

Carrie Bebermeyer, "Biotech food in focus at ethics forum,"*Columbia Missourian*, p. 8A, 12 March 2000.
Tim Beardsley, "Rules of the Game," *Scientific American*, pp. 42-43, April 2000.
Amy Pint, "ISU prof to speak on GMOs in New Zealand," *Iowa State Daily*, 9 Nov 2000.
Liz Allen, "Iowa State professor testifies on genetically modified crops," *The Tribune*, Ames, Iowa, 4 Dec 2000.
Kimberly Durnan, AP wire story, "Cloned ox, from rare species, dies of disease shortly after birth," *SF Gate News,* 12 Jan 2001.
Jason Clayworth, "Clone's brief life a success," *Des Moines Register*, 13 Jan 2001.
Amanda Mittelstadt, "More than meets the eye," *Daily Iowan*, Iowa City, 16 Jan 2001.
Jerry Perkins, "Author rethinks biotech: ISU religion professor offers qualified support," *Des Moines Register*, 11 Feb 2001.
Susan Thompson, "Exploring the Ethics of Genetically Modified Foods," *Buffalo Center (Iowa) Tribune*, 22 Feb 2001, p. 4.
Dave Gieseke, "Ethically Speaking," *Around LAS,* vol. 2, Feb 26 – Mar 2, 2001.
Liz Allen, "Comstock to present research on genetically modified foods," 10 May 2001, *The Tribune,* Ames, Iowa.
"Iowa State U. Prof Lectures in Israel on Genetically Modified Food," U-Wire, and *The Cincinnati Post*, 22 May 2001.
Ann Schrader and Steve Raabe, "Biotech menu serves up conflict," *The Sunday Denver Post*, 27 May 2001, p. 1.
Liz Allen, "Study questions Bt corn merits," 26 June 2001, *The Tribune,* Ames, Iowa.

Emily Gersema, “Consumer Confusion: What Defines Genetically Altered Food?,” AP, 3 Aug 2001, *ABC News.com*. Also appeared as “Understanding Biotech Food,” *CBS2 Information Network,* 19 July 2001; and in *The Tribune,* 21 July 2001, Ames, Iowa.
Theresa Hogue, "OSU lecture focuses on arguments against biotechnology, GMOs," 3 October 2001, *The Corvallis Gazette-Times,* Corvallis, Oregon.
Kevin Woster, Biotech vaccines raise hope - amid caution,” Argus Leader, 1 November 2001, *Argus Leader*, Sioux Falls, South Dakota
Dave Gieseke, “Bioethics retreat to explore stem cell research,” 1 December 2001, *Around LAS*, ISU, Ames, Iowa.
Shannon Small, “Faculty retreat to focus on stem cell research issues,” 14 December 2001, *Iowa State Daily*, ISU, Ames, Iowa.
“Courses,” by Professor Alan deCourcy, College of Mount St. Joseph, August 2002.
Carol Ann Riha, “Iowa company that provided DNA for manmade polio virus says it urged government to oversee shipments,” 19 July 2002, *San-Jose Mercury News*, San Jose, CA; also appeared as “Company asks for safeguards after lab makes polio virus," in Nando Times, 19 July 2002, and in *Mindfully*, 19 July 2002.
Phil Magers, “Animal welfare concerns addressed at biotech meet,” UPI (Nando Times), 24 September 2002. Another copy is here.
Suzanne Jacovec, “NC State Names New Research Ethics Director,” 15 August 2002, NC State News Service, Raleigh, NC.
“Gary L. Comstock,” *News & Observer,* Raleigh, NC, 26 August 2002.
Rachael Rogers, “New director will focus on ethical issues for spring 2003,” 27 August 2002, *The Technician*, NC State University, Raleigh, NC.
Emily Gersema, “Weekly Farm: Biotech companies, environmentalists playing blame game as much of Africa starves,” Miami.com (Miami Herald), 7 September 2002; reprinted by Agrifood Awareness Australia.
“Big Names Join NC State Faculty,” *Inside Information @ NC State,* 12 September 2002.
Elizabeth Weise, “The Farmer in the Lab, Consumers Wary of Biotech Animals,” USA Today, 23 September 2002; reprinted by Organic Consumers Association, 24 September 2002.
Biotech in the Barnyard: Implications of Genetically Engineered Animals, *Proceedings from a workshop sponsored by the Pew Initiative on Food and Biotechnoolgy*, September 24-25, 2002 (see p. 9).
Lance Gay, “Coming soon: Genetically engineered meats,” *The Campaign*, 26 September 2002.
“The GM conundrum,” *African Business*, 1 October 2002; reprinted by NC State University News Clips for October 26-28, 2002.
Suzanne Jacovec, “A Resource for the Nation in Research Ethics,” *Pathways* 1 (November 2002).
Catherine Clabby, “Cloning as risky as it is difficult,” *News & Observer,* Raleigh, NC, 28 December 2002.
Wendelyn Jones Warren, “CVM Participates in Pew Initiative Meeting on Transgenic Animals,” *US FDA Center for Veterinary Medicine Newsletter* 18 (Feb 2003).
Brenda Bolinger, “Professor provides ethical justification for genetically modified foods,” *Claremont (CA) Courier*, March 8, 2003, p. 4.

Quentin Smith, Michigan Public Television, "Inner Compass," 30 minute interview with Comstock and Egbert Schuurman, 25 April 2003.

PBS, "Food Frights: Genetically Modified Foods," *Choices and Challenges forum*, 18 July 2003.

Scott Mason, "From Meg to Martha: Scandals Making News Across Country," WRAL-TV Channel 5 News at 6:00, 12 June 2003 (scroll down to "More Video," then look in June 2003 listings).

Elbert van Denkersgoed, "Agricultural Biotechnology and Sustainable Farming," *@gWorldwide,* 20 May 2003; reprinted in *American Farm,* "Farmer Viewpoint: The philosophy behind biotech corn," 15 May 2003.

"Farmed Animal Watch: 'Biotech in the Barnyard,'" *Animal Place*, number 6, 21 February 2003.

Matt Ehlers, "The liars club," *News & Observer,* Raleigh, NC, 15 January 2004.

Karen Guzman, "J. Lo's split decision," *News & Observer,* Raleigh, NC, 30 January 2004.

Karen Guzman, "Giving is glam," *News & Observer,* Raleigh, NC, 29 March 2004.

Religionwriters.com, "Religious, ethical issues dog genetically modified foods," 3 May 2004.

Rachel Hartigan Shea, "A field in flux," *US News and World Report, America's Best Graduate Schools 2005*, April 2004.

Deroy Murdock, "Beyond 'Frankenfood' Myths," 25 January 2005, National Review, Scripps Howard News Service. The opinion piece also appeared in the *Tacoma News*, *Sacramento Bee*, *Island Packet Online*, *Anchorage Daily News*, *KnoxNews.com*, and *New Hampshire Union Leader*.

Alex Granados*, "NIH aiming to implement new policies," The Daily Tar Heel*, 9 February 2005.

"*NC State Gets $250,000 NSF Award to Lead National Ethics Effort*," North Carolina State University press release, Sept. 1, 2005.

"NCSU wins National Science Foundation grant," *Triangle Business Journal*, Sept. 1, 2005

"Scientist, Philosopher Serve on National Ethics Project Team," *University of Hawai'i System Newsletter*, Sept. 5, 2005

"NC State Gets $250,000 NSF Award to Lead National Ethics Effort," Swampfox, Sept. 5, 2005

"NSF Funding received for the development of a curriculum in research ethics," Fisheries and Wildlife Program News, vol. 2, Dec. 1, 2005, p. 2

Christie Aschwanden, "Learning to Lead," *Cell* 125, May 16, 2006, p. 407.

"CHASS Chat," *Accolades*, Spring 2006, p. 2.

Daphne Carter, "UGSA on Cutting Edge of Research Ethics," *The Midnight Oil* 5, Feb 2007, pp. 1-2.

Eric Gonder, "Splitting hairs," Letter to the editor, *The News & Observer* (Raleigh, NC), Q section, Final Word, Nov 26, 2006.

Brooke Borel, "Treating food like medicine could make agriculture more ethical," *Quartz*, Dec. 9, 2015, http://qz.com/569604/treating-food-like-medicine-could-make-agriculture-more-ethical/

Discussions of "The Philosophers' Brief on Chimpanzee Personhood"

- New York Court Fails to Grant Captive Chimps Tommy and Kiko Legal Personhood (Care2, 5/22/18)
- Confronting a manifest injustice: toward chimpanzee rights (Impact Ethics, 5/19/18)
- US civil rights group hails historic progress in the fight to secure fundamental rights for nonhuman animals (The Independent, 5/16/18)
- Court of Appeals judge 'struggled' over chimp rights fight (Albany Times Union, 5/14/18)
- Judge on NY's top court waxes philosophical: Why chimpanzees deserve liberty, too (Syracuse.com, 5/14/18)
- Why human rights groups are beginning to support the rights of non-human animals (Transformation, 5/13/18)
- Court denies chimpanzee rights bid (Chronicle Herald, 5/13/18)
- Nonhumans Had A Small but Unprecedented Win In Court This Week (Forbes, 5/11/18)
- Judge Dives Into Ethics at Close of Caged Chimp Case (Courthouse News Service, 5/10/18)
- Chimpanzees Not Entitled to Habeas Relief, But Should They Be? (Reason, 5/10/18)
- A judge just raised deep questions about chimpanzees' legal rights (Washington Post, 5/9/18)
- Groundbreaking! Judge States Chimpanzees Are Not 'Things' (One Green Planet, 5/9/18)
- Court ruling denies appeal for Tommy and Kiko, but not their rights (Big Think, 5/9/18)
- Puget Sound Initiative: Securing Rights for Southern Resident Killer Whales (Eco Magazine, 5/8/18)
- Legal personhood for non-human animals? The case of the Nonhuman Rights Project (UK Human Rights Blog, 4/26/18)
- Dal philosophers join cause for chimpanzee rights (The Chronicle Herald, 4/25/18)
- Professor Thinks Chimpanzees Should Be Legally Considered People (NYU's Washington Square News, 4/16/18)
- Opinion: Should Chimpanzees Be Considered 'Persons'? (The New York Times, 4/7/18)
- https://impactethics.ca/2018/03/04/philosophers-brief-on-chimpanzee-personhood/
- http://yfile.news.yorku.ca/2018/03/07/york-university-philosophy-professor-and-team-submit-brief-supporting-chimpanzee-personhood/
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