

CURRICULUM VITAE

Fall 2008

GARY LYNN COMSTOCK

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Professor of Philosophy
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Specialization: Ethics

Teaching experience: 4 part-time posts between 1978 and 1981

Iowa State University	Assistant Professor	1982-88
	Associate Professor	1988-00
Oregon State University	Associate Professor, adjunct	1989-90
Iowa State University	Professor	2000-02
North Carolina State University	Professor	2002-

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-
LAS Award for Excellence in Outreach, College of Liberal Arts and Sciences, I.S.U.	1998
ASC Fellow, National Humanities Center (invited), 2007-8 and 08-09	2007-9

Education

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

Publications

Books

Editorial committee, *On Being a Scientist*, 3rd ed. (Washington, DC: The National Academies Press, forthcoming).

Editor, *Life Science Ethics* (Ames, IA: Iowa State University Press, 2002).

“_____,” 2nd ed. (Dordrecht: Springer, forthcoming).

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

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

Editor, *Religious Autobiographies* (Belmont, CA: Wadsworth, 1995).

“_____,” 2nd ed., with C. Wayne Mayhall (2004).

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

“Singularity,” in progress.

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).

Editor-in-Chief, *OpenSeminar in Research Ethics*, 2007-09 <http://openseminar.org/ethics>

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.

Refereed articles

12 between 1979 and 1989 in, e.g., *Journal of Religion* and *Journal of the American Academy of Religion*. Two articles reprinted once. One article reprinted twice. Complete list in cv.

"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; and was 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.

"An Alternative Ethic for Animals," in *Livestock, Ethics and Quality of Life*, J. Hodges and I. K. Han, eds. (CAB International, 2000).

“_____,” 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.

“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,” *Science and Engineering Ethics* 14 (2008), pp. 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)

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

"Ethical principles supporting research policies: What is ethics?" LANGURE, in progress at: www.chass.ncsu.edu/langure/documents/Lecture2Ethicalprinciplessupportingpolicies_000.pdf

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

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

Chapters in books

12 between 1987 and 1999. One chapter reprinted.

“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.

"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. *Ética 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 Wiegand 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.* (Rowman and Littlefield, forthcoming).

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 Wiegand 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 Wiegand 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.

“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>

“Against Transgenic Animals,” (Chapter 3 of *Vexing Nature?*) reprinted in David Kaplan, ed., *Readings in the Philosophy of Technology 2nd. Ed.* (Rowman and Littlefield, forthcoming).

Book reviews: 8 between **1982** and **2002**.

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

Book notes: 7

Fellowships and grants

8, totaling **\$104,941** between **1981** and **1991**, from the University of Chicago, Iowa State University, and Princeton Center of Theological Inquiry.

- 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), ("Consortium to Address Social, Economic, and Ethical Aspects of Biotechnology," (2000-2004), co-PI, with Donna Hess, Walter Fehr, et al.) \$350,000
- 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 Principal Investigator, "A Model Curriculum for Land Grant Universities in Research Ethics," National Science Foundation, \$249,393
- 2007-09 Fellow (invited), National Humanities Center, Research Triangle Park, NC, \$100,000
- 2007-10 Co-PI, with Chi Archibong "Extend and Assess Research Ethics Education," National Science Foundation, \$300,000.

Professional Activities

Papers presented

40 between **1981** and **1996** at national conferences of professional societies such as the American Philosophical Association, and at universities including Harvard, Yale, Princeton, Oxford, Duke, Tuskegee. Complete list in cv.

"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.

"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.

Invited lectures

232 between **1980** and **2005** at universities including Tel Aviv, Moscow State, Seville, Lisbon, Seoul, Granada, Hokkaido, Montreal; professional and governmental organizations including the National Science Foundation and Council of Scientific Society Presidents; and university classes and community organizations, including the Community Forum on Small Farms, Red Oak, Iowa.

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

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

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

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

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

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

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

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

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

“Singularity,” 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

Respondent to Papers, Chair of Sessions

31 between **1982** and **2008** at professional societies and universities. Complete list in cv.

Professional Associations

American Philosophical Association, International Society for Environmental Ethics

Editorial and Advisory Work

24 between **1986** and **2006** including proposal reviewing for Oxford University Press, the National Science Foundation, and National Endowment for the Humanities.

Seminars, Panels, Conferences

15 between **1983** and **2008**, mostly at Iowa State and NC State.

Administration and service activities

Iowa State University (1982-2002)
North Carolina State University (2002 -)

Departmental: 13 committees

College: 16 committees

University: 20 committees

Community Service: 13 roles

Advising

Undergraduate: 43

Graduate: 16 Masters theses.
1 Doctoral thesis

Publications: 12 in journals (Spine) and newspapers (*Des Moines Register, Oregon Farmer – Stockman, The News & Observer*)

Radio and TV interview:

21 (National Public Radio, PBS Adult Learning Service, CBS Radio, Iowa Public Television, Japanese television).

Media mentions

U.S.

41 between **1993** and **2003**, in media such as *Scientific American*, *Denver Post*, *CBS Radio*, *Iowa Public Television*, and Japanese television.

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.

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.

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

International

13 between **1992** and **2002** in United Kingdom, New Zealand, Germany, Spain, and Portugal.

Ana María Vara, "[Transgénicos: elementos para entender una polémica.](#)" *QuímicaViva*, Año 2, número 3; Diciembre de 2003, Argentina

"[Precauzione, quanti delitti in suo nome L'ultima versione l'ha lanciata.](#)" *il Riformista*, 11 December 2003, Italy. Reprinted in *Innovazione*.

Henk van den Belt, "[Debating the Precautionary Principle: 'Guilty until Proven Innocent' or 'Innocent until Proven Guilty?'](#)" *Arbeitskreis Biotechnik*, Germany.

["Ethical biotechnology workshop a success,"](#) National University of Ireland – Maynooth *University News* 7 (October 2003), p. 5.

Cormac Sheridan, "[Grappling with bioethics](#)," *EUSJA Newsletter (European Union of Science Journalist Associations)*, Spring 2004, pp. 11-12, Ireland.

"[Livro](#)," *Researchcafe.net*, Quarta, July 21 2004 , Portugal.

Off-campus academic supervision

2, one at Swarthmore College, one at Guelph University