

CURRICULUM VITAE

Kelly C. Smith

(updated 9/19)

Department of Philosophy & Religion
Clemson University
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Central, SC 29630
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EDUCATION

1994 Ph.D. in Philosophy, Duke University (Robert Brandon, advisor)
1991 M.S. in Biology, Duke University (Fred Nijhout, advisor)
1986 B.A. in Philosophy (Magna cum Laude), Georgia State University.

TEACHING AND RESEARCH AREAS

Areas of Specialization: Astrobiology, Philosophy of Biology, Medical Ethics
Areas of Competence (Philosophy): Kant, Ancient Philosophy, Modern Philosophy,
Logic, Ethics of Technology, Environmental Ethics, Critical Thinking
Areas of Competence (Biology): Evolutionary Theory, Creationism, Abiogenesis

PROFESSIONAL POSITIONS

2013 - Clinical Assistant Professor, Biomedical Sciences, University of South Carolina Medical School, Greenville
2013 - Associate Professor, Clemson U. School of Healthcare Research
2010 - Associate Professor, Biological Sciences, Clemson University
2002 - Associate Professor, Philosophy and Religion, Clemson University.
2001 - 2018 C. Calhoun Lemon Fellow, Robert J. Rutland Institute for Ethics
2014 - 16 Clinical Ethics Consultant, Greenville Hospital System
1998 - 2002 Assistant Professor, Philosophy and Religion, Clemson University.
1994 - 1998 Assistant Professor, Philosophy and Religion, The College NJ.
1993 - 1994 Visiting Assistant Professor, Philosophy, Georgia State University

HONORS AND AWARDS

Alumni Master Teacher Award, 2018-19
Senior Dixon Fellow, Calhoun Honors College, 2018-
Faculty Fellow, Phi Kappa Phi honor society, 2017-
Dean's award for excellence in service, 2014-15.
Alan Schaffer award for exceptional service to the faculty senate, 2012
Spotlighted Professor, Calhoun Honors College, 2011
"Difference Maker" award, Student Affairs, 2010, 2011, 2012
National Scholars Award of Distinction, 2010
John B. & Thelma A. Gentry Award for Teaching Excellence in the Humanities, 2007
College of Architecture, Arts & Humanities Award for Excellence in Teaching, 2006
Award for Faculty Excellence, Clemson Board of Trustees, 2004
Full Member, Sigma Xi Science and Engineering Honor Society (2002-)
Teaching Fellow, Office of Teaching Effectiveness & Improvement (2000-01).
Fellow, Kennedy Institute of Ethics, Georgetown University, Washington, 1997.

RESEARCH ACTIVITY

WORK IN PROGRESS

Smith, Kelly C. and Cindy Pury (in data analysis) “Student Attitudes Concerning Risk Taking and Messaging Extraterrestrials”

Smith, Kelly C. (in preparation) The Creative Universe, monograph.

BOOKS AND SPECIAL ISSUES

Smith, Kelly C. and Carlos Mariscal (Eds.) (in press) Social and Conceptual Issues in Astrobiology, Oxford University Press.

Smith, Kelly C. and Keith Abney (Eds.) (2019d) “Human Colonization of Other Worlds,” a special issue of *Futures*, 110.

Smith, Kelly C. and Linnda Caporael (Eds.) (2018e), “Astrobiology,” a special issue of *Biological Theory*, 2.

PEER-REVIEWED PUBLICATIONS

37. Smith, Kelly C., and Carlos Mariscal (in press), “Exploring the Broader Questions in Astrobiology,” in Smith, K. C. and C. Mariscal (Eds.) Social and Conceptual Issues in Astrobiology, Oxford University Press.
36. Smith, Kelly C. (in press) “METI or REGRETTI: Informed Consent, Scientific Paternalism and Alien Intelligence”, in K.C. Smith and C. Mariscal (Eds.) Social and Conceptual Issues in Astrobiology, Oxford University Press.
35. Smith, Kelly C. and Keith Abney (2019c) “Human Colonization: A World Too Far?” in a special issue of *Futures* on Social and Ethical Issues in Astrobiology, 108.
34. Smith, Kelly C., et. al. (2019b) “The Great Colonization Debate ” in a special issue of *Futures* on Social and Ethical Issues in Astrobiology, 108.
33. Smith, Kelly C. (2019a) “Homo Reductio: Eco-Nihilism and Human Colonization of Other Worlds” in a special issue of *Futures* on Social and Ethical Issues in Astrobiology, 108. Available online here:
<https://www.sciencedirect.com/science/article/pii/S0016328718302799?via%3Dihub>
32. _____ (2018d) “A(nother) Cosmic Wager: Pascal, METI and the Barn Door Argument” in *Theology and Science*, 17(1) 29-37.
doi. 10.1080/14746700.2018.1557393
31. _____ (2018c) “Got Humanities?,” in *Astrobiology*, 18(4): 465-69. DOI 10.1089/ast.2017.1787

30. _____ (2018b) "Life as Adaptive Capacity: bringing new life to an old debate" *Biological Theory* 13(2): 76-92. Also available online here: <https://tinyurl.com/yadwuw5>
29. Smith, Kelly C. (with Klara Capova and Linda Billings) (2018a) authored several sections of *Astrobiology and Society in Europe Today*, a white paper prepared by *COST Action* for submission to the European Union government, Lund, Pufendorff Institute: pp 18, 29, 55-56.
28. Smith, Kelly C. (2017) "Hawking and the METI Hawks: right for the wrong reasons" in *Theology and Science* 15(2):147-49.
27. _____ (2016d) "The Curious Case of the Martian Microbes: Mariomania, Intrinsic Value and the Prime Directive" in *The Ethics of Space Exploration* (Tony Milligan and James Schwartz, Eds.), New York, Springer, 195-208.
26. _____ (2016c) "Life is Hard: Countering Definitional Pessimism Concerning the Definition of Life" in the *International Journal of Astrobiology*, 15(4): 277-289
25. Yu Gao, L Shi, K Smith, J Kingree, and T Martie (2016b) "Physical Aggression and Mindfulness among College Students: Evidence from China and the United States" in *International Journal of Environmental Research and Public Health*, 13: 480-87.
24. _____ (2016a) "Cultural Evolution and the Colonial Imperative" in *Dissent, Revolution, and Liberty Beyond Earth*, Charles Cockell, Ed., Springer, 169-87.
23. _____ (2015) "The Smallest Step of Faith: A new worldview for a postmodern world?" In *Am. J. Sociological Research*, 5(3A): 1-12.
22. _____ (2014b) "Ethics is not Rocket Science: How to have ethical discussions in your science class," *Journal of Microbiology and Biology Education*, 15(2): 202-07.
21. _____ (2014a) "Manifest Complexity: A foundational ethics for astrobiology?" in *Space Policy*, 30(4): 209-14.
20. _____ (2012) "I Also Survived a Debate with a Creationist (with Reflections on the Perils of Democratic Information)," *Reports of the National Center for Science Education*, 32(2), accessible online (4/20/12) here: <http://reports.ncse.com/index.php/rncse/issue/current/showToc>
19. Morgan, L; Howe, L; Whitcomb, J; Smith, K (2011b) "Improving Communication and Cost Effectiveness In the ICU through Palliative Care: A

Review of Literature” in *Dimensions of Critical Care Nursing*, 30: 133-38.

18. Smith, Kelly C. (2011a) “Foiling the Black Knight” in *Synthese*, 178(2): 219-35. The online edition is accessible at:
<http://www.springerlink.com/content/g213270g657v8152/fulltext.pdf>
17. _____ (2009) “The Trouble with Intrinsic Value: an ethical primer for astrobiology” in C. Bertka (Ed), Exploring the Origin, Extent, and Future of Life: Philosophical, Ethical, and Theological Perspectives, Cambridge, Cambridge University Press.
16. _____ (2008) “The Terrestrial Lifeboat Project: An International Undertaking to Safeguard Humanity,” in A New Perspective on Applied Ethics, (Y. An, Ed., Q. Ming, trans.), Beijing, Renmin University Press, pp. 224-38.
15. Smith, Kelly, Daniel Wueste and Julia Frugoli (2007c) “Using ‘Ethics Labs’ to Set a Framework for Ethical Discussion in an Undergraduate Course,” *Biochemistry and molecular Biology Education*, 35(5), pp. 332-36.
14. Smith, Kelly C. (2007b) “Towards an Adequate Account of Genetic Disease”, in Kincaid & McKittrick (Eds), Establishing Medical Reality: Essays in the Metaphysics and Epistemology of Medicine, Springer, Dordrecht, pp. 83-110.
13. _____ (2007a) “Cosmic Ethics” in C. Bertka (Ed.) AAAS/NASA Workshop Report: Philosophical, Ethical, and Theological Implications of Astrobiology, C. Bertka, N. Roth and M. Shindell (Eds.), Washington, AAAS
12. _____ (2001d) “Appealing to Ignorance Behind the Cloak of Ambiguity”, Intelligent Design, Creationism and Its Critics: Philosophical, Theological and Scientific Perspectives, MIT Press, Cambridge, Robert Pennock (ed.), pp. 705-36.
11. _____ (2001c) “Can Intelligent Design Become Respectable?” in *Reports of the National Center for Science Education*, 20(4): 40-43.
10. _____ (2001b) “A Disease by any other Name” invited paper for *The European Journal of Medicine, Philosophy and Health Care*, 4(1): 19-30.
9. _____ (2001a) “Genetic Disease, Genetic Testing and the Clinician” invited paper for the *Journal of the American Medical Association*, 285(1): 91.
NOTE: Comments on the article, along with my responses, were also published in the *Journal of the American Medical Association*, (2001) 285 (21).

8. _____ (1998b) “Manipulability and the Epidemiological Concept of a Genetic Disease”, Report to the Dutch Government on an International Symposium on Complexity and Disease.
7. _____ (1998a) "Equivocal Notions of Accuracy and Genetic Screening of the General Population" in *The Mount Sinai Journal of Medicine*, 65(3):178-83.
6. Sterelney, Kim; Kelly C. Smith and Michael Dickerson (1996) “The Extended replicator”, in *Biology and Philosophy* 11(3): 377-403.
NOTE: Reprinted twice in:
 - Kim Sterelney (Ed.) (2010) The Evolution of Agency and Other Essays, Cambridge University Press, Cambridge, pp 53-80
 - Neil Levy (Ed.) (2010), Philosophy of Evolutionary Biology, Ashgate Publishing.
5. Brandon, Robert, et. al. (1994) “Sober on Brandon on Screening-Off and the Levels of Selection”, in *Philosophy of Science*, 61(3): 475-486.
4. Smith, Kelly C. (1993c) “The Effects of Temperature and Daylength on the *rosa* Polyphenism in the Buckeye Butterfly, *Precis coenia* (Nymphalidae)” in *Journal of Research on the Lepidoptera*, 30(3-4): 225-236.
3. _____ (1993b) “Neo-Rationalism vs. Neo-Darwinism: Integrating Development and Evolution”, in *Biology and Philosophy*, 7(4): 431-451.
2. _____ (1993a) “Marketing Structuralism: Reflections on the Process Structuralist Critique of Neo-Darwinism”, in *Rivista di Biologia / Biology Forum*, 86(3-4): 578-579.
1. _____ (1992) “The New Problem of Genetics: a Response to Gifford”, in *Biology and Philosophy*, 7(3): 331-348.

OTHER PUBLICATIONS (very short pieces, reviews, popular works)

8. _____ (2018) Philosophy in Spaaaaace!? *The Philosopher's Magazine*, 81: 51-6.
7. _____ (2016) Do No Harm to Life on Mars? Ethical Limits of the Prime Directive,” invited piece for *The Conversation*, available at <https://theconversation.com/do-no-harm-to-life-on-mars-ethical-limits-of-the-prime-directive-57712> (accessed 8/2/16)
NOTE: As of 3/19, this article had been read by 60,000+ people
6. _____ (2008) “Review of The Lucifer Effect: Understanding How Good People Turn Evil” *Public Integrity*, 10 (3), 287-91.

5. Smith, Kelly C., Steven Satris & Charles Starkey (2007) A Primer on Ethics, Clemson, The Rutland Institute for Ethics.
4. Smith, Kelly C. (2004) “The Virtues of Ethical Discussion in the Classroom” in Eleanor Siebert (Ed.), *Environmental Literacy and Decision Making – An Interdisciplinary Goal for the 21st Century*, Symposium Proceedings of the Society for College Science Teachers, available online at <http://tinyurl.com/m3bbn5b>
3. _____ (2004) “Philosophical Issues in Astrobiology?” in *Astrobiology*, 4(2),16
2. _____ (2004) “The Philosophers are coming” in *International Journal of Astrobiology*, 2004 supplement, 7.
1. _____ (1998) “Genetic Testing of the General Population: Ethical and Informatic Concerns”, in *Critical Reviews in Biomedical Engineering*: 26(5/6), 382.

CONFERENCE AND WORKSHOP ORGANIZATION

- Conference Co-Director (with Neil Manson), SoCIA 2020: *Social and Ethical Issues in Astrobiology*, Oxford, MS, March 2020.
- Conference Co-Director (with Carlos Mariscal), *SoCIA 2018: Social and Ethical Issues in Astrobiology*, Reno, March 2018.
- Conference Director, *SoCIA 2016: Social and Ethical Issues in Astrobiology*, Clemson, September 2016. (the inaugural meeting of *SoCIA*)
- Co-Director, Mid-Atlantic Regional Ethics Bowl, Clemson (2014, 2015)
- Co-Director, Society for Ethics Across the Curriculum meeting, Greenville (2002)

PROFESSIONAL PRESENTATIONS

91. “Astrobiology: How can Humanist contribute?,” Tennessee Valley Interstellar Workshop, Wichita, KS, October 2019.
90. “Big History and Complexification in Astrobiology,” Big History and the Cosmic Perspective, London, UK September, 2019.
89. “Ethical Issues in Space,” *Worldcon*: World Science Fiction Convention, Dublin, Ireland, August 2019.
88. Invited speaker: “Why Is the ‘What is life?’ Debate Important?” Blumberg Astrobiology Workshop, Greenbank Observatory, July 2019.
87. Panelist: “Ethical, Legal and Social Issues in Astrobiology,” Blumberg Astrobiology Workshop, Greenbank Observatory, July 2019.
86. “Ethical Questions surrounding METI” at the International Society for the History, Philosophy, and Social Studies of Biology, Oslo, Norway, July 2019.
85. Participant: “Ethical Issues Concerning METI and Space Exploration”, in *Making Contact 2018*, an online workshop sponsored by the Breakthrough Listen Project, May 2018.
85. “*SoCIA*: A model for the Integration of Humanities and Science” at the Clemson

- University Research Symposium, Clemson, May 2018.
84. Panel Organizer and Moderator: Is METI a Good Idea?, *SoCIA 2018: Social and Ethical Issues in Astrobiology*, Reno, March 2018.
 83. Panel Organizer and Moderator: How Much Should we Prioritize Human Colonization?, *SoCIA 2018: Social and Ethical Issues in Astrobiology*, Reno, March 2018.
 82. "METI or REGRETTI: Informed Consent, Scientific Paternalism, and Alien Intelligence" presented at the SoCIA 2018 conference, Reno, April 2018.
 81. "Social and Conceptual Issues in Astrobiology?" presented at the 2018 CONTACT conference, Sunnyvale, April 2018.
 80. "Scientists Know Best? Scientific Paternalism and METI," presented at the Tennessee Valley Interstellar Workshop, Huntsville, October 2017.
 79. "Philosophical Issues in Astrobiology" a paper presented at the *International Society for the History, Philosophy and Social Studies of Biology conference*, Sao Paulo, Brazil, July 2017.
 78. "Life 2.0: How synthetic biology will transform our conception of life" a paper presented at *A Plurality of Lives* workshop sponsored by the Nordic Astrobiology Network, Lund, Sweden, June 2017.
 77. "METI and Informed Consent" paper presented at *METI International's workshop, Are we detectable? Benefits and risks of interstellar communication*, St Louis, May 2017.
 76. "METI and the Danger of Scientific Paternalism" a paper presented at the *International Space Development Conference*, St Louis, May 2017.
 75. "Is there a scientific Essence of Life?" paper presented at the *Astrobiology Science Conference*, Phoenix, April 2017.
 74. "Social and Ethical Issues in Astrobiology" panel presentation, presented at the Astrobiology Science Conference, Phoenix, April 2017.
 73. "Life as a Fuzzy Concept" paper presented at *Search for Life: From early earth to exoplanets*, a conference organized by COST and the European Astrobiology Network, Quy Nohn, Vietnam, December 2016.
 72. "SoCIA 2016," invited poster presentation for the National Academies of Science, Engineering and Medicine's *Life Across Time and Space* conference, Irvine, December, 2016.
 71. "C'est La Vie" paper presented at the Canadian Society for History and Philosophy of Science, Calgary, May 2016.
 70. "Pokemon GO: Exploring the Ethical Dimensions of a new Gaming World," to be presented at the Association for Practical and Professional Ethics, Dallas, Feb 2017.
 69. "But *Should* you Catch them all? Ethical Issues presented by Augmented Reality Gaming," to be presented at the Society for Ethics Across the Curriculum, Salt Lake City, October 2016.
 68. "Defining Life" for the Nordic Network of Astrobiology's *From star and planet formation to early life*, Vilnius, Lithuania, 4/16.
 67. "Complexity, Theology and the Nature of Life" for the *Knowledge, Morality and Spirituality* conference, Kolkata, India, 1/16
 66. "Life, the Universe and all That: Taking Astrobiology Seriously" for the History,

- Philosophy and Social Studies of Biology meeting, Montreal Canada, 7/15.
65. "Trends and Progress in Evolution?" for the International Society for the History, Philosophy and Social Studies of Biology meeting, Montreal Canada, 7/15.
 64. "Cultural Imperialism and the Cultural Imperative Beyond Earth" for the British Interplanetary Society's *Extraterrestrial Liberty III Conference*, London, 6/15.
 63. "Why Ask 'What Is Life?'" Second Conference on the History and Philosophy of Astrobiology, Hoor Sweden, May 2015.
 62. "Humanistic and Societal Implications of Astrobiology", workshop sponsored by NASA and the Library of Congress, Washington DC, April 2015.
 61. "A Social Media Platform for Ethics Across the Curriculum", Association for Practical and Professional Ethics, Costa Mesa, CA, 2/15.
 60. "An Experiment in Crowd Sourced Ethics", Lilly conference on college teaching, Austin, TX, 1/15
 59. "The CU *Ethos* Project", Society for Ethics Across the Curriculum, Arizona State University, 10/14.
 58. "An Ethics Curriculum for USCSOMG", (poster) Medical Education Workshop, USC School of Medicine, Greenville, 3/13
 57. "Meditation and Martial Arts", Martial Arts and Philosophy conference, Canadian Center for Ethics in Public Affairs, Halifax, Nova Scotia, June 2012.
 56. "The Essence of Teaching Self Defense to Women", Martial Arts and Philosophy conference, Canadian Center for Ethics in Public Affairs, Halifax, Nova Scotia, June 2012.
 55. "Merging Ethics and Biology", Noyce conference sponsored by the National Science Foundation, Greenville, 3/11
 54. "To Infinity and Beyond: bringing technology into the intro classroom", South Carolina Society for Philosophy, 2/11.
 53. "Evolution and the SC Science Teacher", National Science Teacher's Association, 12/10.
 52. "Evolution and the SC Science Teacher", South Carolina Science Council, 11/10
 51. "SC Science Teachers and Evolution: a survey", SC Science Education Leadership Association, 12/10
 50. "The *Evolution Matters* Project: Using Podcast Technology to Promote Creative Inquiry through Undergraduate Research" (with Jerry Waldvogel and Jeff Appling) National Science Teachers Association, New Orleans, March 2009.
 49. "Foiling the Black Knight", *Evolution and Religion: Towards a History of an Evolving Relationship*, Clemson University, February 2009.
 48. "Challenges in Ethics Education" National Conference in Healthcare Genetics, Clemson, October 2008.
 47. "How To Lead Ethical Discussions About Pandemic Diseases & Bioterrorism" (with Jerry Waldvogel), National Science Teachers National conference, Boston, Boston, March 2008.
 46. "The Role of college science teachers in the evolution/creationism controversy" (invited) (with Jerry Waldvogel and Rob Dillon), National Science Teachers Association Regional meeting, Birmingham, December 2007.
 45. "Introducing Ethics in the Science Classroom", Southeast Regional Meeting of the American Chemical Society (SERMACS), Greenville SC, October 2007.

44. "Musings on evidence based education," commentary on Francis Schrag's *Two More Rivers to Cross: Toward Evidence-Based Education Policy*, Clemson University, 3/07
43. "What Medical Ethics Is and Is Not," Geriatric Oncology conference, Greenville, 11/06.
42. "The Importance of Knowing what we Don't Know," keynote speaker, ACC Meeting of the Minds conference, Clemson, 4/06.
41. Panelist, *Cooperation Among Strangers*, Liberty Fund, San Francisco, 3/06
40. "Nursing and Ethics", Patty Hanks Shelton School of Nursing, Abilene, 1/05
39. "On the Ethics of Terraforming Mars" NASA/AAAS workshop on the Social, Ethical and Theological implication of astrobiology, Washington DC, 11/04.
38. "Life, the Universe, and all that..." Ninth International conference on Artificial Life, Boston, 9/04.
37. "The Ideal Job Application" International Society for the study of the History, Sociology, and Philosophy of Biology Graduate special conference on future directions, University of San Francisco, 9/04.
36. "How to dabble in bioethics without getting burned", " International Society for the study of the History, Sociology, and Philosophy of Biology Graduate special conference on future directions, University of San Francisco, 9/04.
35. "Towards an Adequate Account of Genetic Disease", Conference on Philosophy of Medicine, University of Alabama at Birmingham, 5/04.
34. "Teaching ethics in a college level introductory biology course", National Science Teachers Association conference, Atlanta, 4/04.
33. "Integrating Ethics and Decision Making in Teaching Environmental Issues: The Virtues of Ethical Discussion" National Science Teachers Association, 4/04
32. "Life, the Universe and Philosophy", Astrobiology Science Conference, NASA Ames research center, San Francisco, 3/04.
31. "Philosophical Issues in Astrobiology?" (poster), Astrobiology Graduate Conference, University of Arizona, 1/04.
30. "The Concept of a genetic disease", Human Dimensions of Biology program, Arizona State University, 10/03.
29. "What do philosophers have to offer astrobiology?", Astrobiology program, Arizona State University, 10/03.
28. "Kicking Schmickens & Raising Schumans," National Undergraduate Bioethics conference, Texas A&M University, 3/03.
27. "The Socratic Method", Dietetic Educators conference, Clemson, 4/02.
26. "Vitalism, Holism and Mechanism: What's a Developmental Guy to Do?", South Carolina Society for Philosophy, Charleston, 2/02.
25. "What are Students Learning in Introductory Philosophy Classes?" South Carolina Society for Philosophy, Charleston, 2/02.
24. "A User-friendly Approach to Ethics Across the Curriculum" the Association for Practical and Professional Ethics annual meeting, Cincinnati, 2/02.
23. "A Philosopher's Approach to Case Studies", Sigma Xi Science and Engineering honor society, Research Triangle Park NC, 11/01.
22. "Science, Technology, the Environment, and Society," 4th annual Undergraduate Bioethics Conference, Emory University, Atlanta, 10/01.

21. "Breaking News from the Stem Cell Front" invited panel presentation for the 4th Undergraduate Bioethics Conference, Emory University, Atlanta, 10/01.
20. "Misinterpretations of the Sterelney/Smith position," (commentary) Second Philosophy and Developmental Biology Group, Yale University, 7/01.
19. "What a Genetic Trait is Not," South Carolina Philosophical Society, Myrtle Beach, 2/01.
18. "Ethics Across the Curriculum: the Pilot Project at Clemson University" (with Dan Wueste) Conference on Philosophical Issues in Ethics Across the Curriculum, Utah State University, 10/00.
17. "A Blueprint for Scientific Respectability", Intelligent Design and its Critics, Concordia University, 6/00.
16. "The Lure and Fear of Biotech", Genomics Research Conference, University of Georgia, 5/00.
15. "An epistemic answer to an ontological question", (commentary) Midsouth Philosophy Conference, University of Memphis, 2/00.
14. "Cystic Fibrosis and the Genetic Disease Concept in Biology," American Society for Bioethics and Humanities, Philadelphia, 10/99.
13. "Genetic Testing of the General Population: Ethical and Informatic Concerns," International Conference on Ethical Issues in Biomedical Engineering, Clemson University, 5/99.
12. "The Ideal Job Application" for the graduate student information session at the Eastern division meeting of the American Philosophical Association, Washington D.C., 12/98.
11. "Manipulability and the Epidemiological Concept of a Genetic Disease," Symposium on Complexity and Disease, Dutch Research Council & University of Copenhagen, Kolle Kolle, Denmark, 10/98.
10. "The Concept of a Genetic Disease," International Society for the History, Philosophy and Social Studies of Biology, University of Puget Sound, 7/97.
9. "Cooperative Learning Strategies" at the National Tutoring Association conference, Little Rock, 4/97.
8. "Prediction, Information and Perspective: Genetic Screening of the General Population," Mount Sinai Conference on Healthcare Ethics, Mount Sinai Hospital, New York, 3/97.
7. "Ethical Issues in Science," Association of Women in Science, Princeton, 11/96.
6. "The Extended Replicator and Developmental Systems Theory," International Society for the History, Philosophy and Social Studies of Biology, Pope's College, Leuven, Belgium, 7/95.
5. "Information, Replication, and Teleology," Georgia Philosophical Society, Georgia State University, Atlanta, 5/94
4. "On the Notion of Genetic Replicators," International Society for the History, Philosophy, and Social Studies of Biology, Brandeis University, 7/93.
3. "A Structuralist Critique of Neo-Darwinism," International Society for the History, Philosophy & Social Studies of Biology", Northwestern University, 7/91.
2. "Marketing Process Structuralism," International Conference on Process and Structure in Evolution, National University of Mexico, 4/91.
1. "In Defense of Neo-Darwinism," International Society for the History, Philosophy,

and Social Studies of Biology, University of Western Ontario, 7/89.

GRANTS AWARDED (approx. \$610,000 total)

External (approx. \$478,000 total)

An Ethics Curriculum for USC School of Medicine, Greenville (2012-19)
(approx. \$426,250 total)

NASA Space grant for summer research, 5/04 (\$2,000),

Alliance 20/20 grant to develop the South Carolina Institute for Service-learning and Ethics (SCISE) and run its first summer training session, (Co-PI) 2002. (\$8,800)

Infrastructure Grant from the South Carolina Commission on Higher Education for the Rutland Institute for Ethics Research Library, 2001. (\$10,000)

Sigma Xi Scientific Honor Society grant for a workshop, “Ethics in Science: Research and Graduate Education”, 2001. (\$2,325)

Alliance 20-20 planning grant to extend our work in Ethics Across the Curriculum to service learning in the K-12 environment, 2001. (\$3,125)

SC Sustainable Universities Initiatives grants to develop and implement an ongoing *Ethics Across the Curriculum* Program, 2000. (\$25,000)

Internal (approx. \$121,000 total)

12 Creative Inquiry grants to four major projects:

- Clemson Ethics Bowl team (2007-8, 2015-19) (\$38,000)
- CU Ethos (2014-17) (\$12,000)
- Tigers Talk Ethics (2009-11) (\$6,000)
- Evolution Matters Podcast project (2008-10) (\$18,000)

A Mindfulness intervention for alcohol abuse in college students” (2013-15)
(\$18,270)

A Science Café series at Clemson (2011) (\$3,000)

Athletics Department grant to produce “Ethics in Athletics” program (2004) (\$7,150)

Vending machine grant to fund undergraduate travel to the National Undergraduate Bioethics Conference at Texas A&M University (2003) (\$1,000)

Innovation fund grant for *E-Agora* startup (2003) (\$2,900)

Grant from Calhoun Honors College to fund undergraduate research (2002) (\$560)

NOTE: students from this project traveled to an undergraduate philosophy conference at The Ohio State University, where they presented a paper they wrote under my direction. The paper was subsequently published in the electronic journal *Zetesis* (2002).

Innovation Fund Grant to allow Clemson faculty attend the first SCISE training Session (2002) (\$5,463)

Vending machine grant to bring in a speaker for the President's colloquium on Science and Values (2001) (\$1,200)

University Research Grant Award to develop book proposal for Cambridge University Press (2000) (\$3,000)

Innovation Fund grant to develop 3 new Calhoun Honors seminars (2000) (\$1,500)

Innovation Grant to develop a multimedia Logic course (1999) (\$3,000)

EDUCATIONAL ACTIVITY

COURSES TAUGHT

Philosophy: Introduction to Philosophy, Introduction to Ethics, Environmental Ethics, Science and Values, Contemporary Moral Issues, Business Ethics, Ancient Philosophy, Modern Philosophy, Philosophy of Science, Philosophy of Biology, Critical Thinking, Logic, Kant, Theory of Knowledge, Epistemology and Metaphysics.

Biology: General Biology, Evolution, Theoretical Biology, Sociobiology, Frontiers in Biology, Biology in the News

Interdisciplinary: Alien life, Creation and Evolution, The Lure and Fear of Biotechnology, Genetics and Human Values, Philosophical Issues in Science, Society Ethics and Technology, The Conceptual History of Evolutionary Biology

Other: Hapkido (the other Korean martial art), Self Defense, Buddhist Meditation

MAJOR CURRICULAR INITIATIVES

- Spearheading effort to create new interdisciplinary minor in astrobiology (2019)
- Member of team (funded with an NSF STEM grant, Tamara McNeely PI) to introduce science students to ethical reasoning (2014-18)
- Helped design and implement the CT² critical thinking initiative (2014-16)
- Helped design and implement the Rutland Institute's long-running Ethics Across the Curriculum series of workshops for faculty (2004-16)
- Pioneered the departmental use of undergraduate TA's in logic (2012-14)

UNDERGRADUATE THESES:

- Advisor, Marina Shew, honors thesis on space law, 2018
- Advisor, Brad Saad's honors thesis on Philosophy of Time, 2011
- Advisor, Melanie Francis' honors thesis on Evolutionary Ethics, 2009

GRADUATE THESIS COMMITTEES:

- Ph.D. Advisor, Caroline Farrell, Healthcare Genetics, 2013
- M.S. committee member, Lindsay Morgan, Nursing, 2011
- Ph.D. committee member, Ken Kennedy, Computer Science, 2008
- M.A. committee member, Alex Eaton, History, 2001
- M.A. committee member, Kenneth Webb, Architecture, 1999

OTHER STUDENT RESEARCH

- Mentored Creative Inquiry (a student-faculty research initiative) Projects:
 - "Ethics in Action" a series of intensive debate preparation classes in coordination with our Ethics Bowl team (2010-)
 - "Tigers Talk Ethics" a project to develop and broadcast TV spots on ethical issues of interest to the student body, many of which aired on Clemson TV (2009-11)
 - "What do teachers think about evolution?" a project to process data from a survey of SC High School teachers (2011)
 - "Evolution matters" series of podcasts developed by students to educate the public about evolution. These were presented at the *Communicating Science* conference in Greenville where they won the first prize for student poster (2010)
- Mentored Eureka (the summer research program for the Honors College) Projects:
 - Ethical Issues in Astrobiology (2014, 2016)
 - Adventures in Applied Ethics (2008, 2009, 2011, 2013)
 - The Terrestrial Lifeboat Project (2007)
- Mentored Research: I worked with student teams to prepare for the National Undergraduate Bioethics Conferences, then traveled to the competitions with the teams (2001, 2002, 2004)
- Mentored Research: The SC evolution survey, a project to collect data on SC High school teacher attitudes towards evolution, with Courtney Lynch (2010)
- Mentored Research: Students worked on applied ethics issues with me, then presented their joint paper at Ohio State University. The paper was subsequently published in *Zetesis* (2002).
- Mentored Research: I worked with two students on applied ethics papers, which they presented at the National Undergraduate Philosophy conference in Chattanooga (2001)

SERVICE ACTIVITY

PROFESSIONAL LEADERSHIP

- Founding President, *SSoCIA* (Society for Social and Conceptual Issues in Astrobiology) (2018 -)
- Council of Trustees, Beyond the Earth Foundation (2018-)
- Advisory Council, METI International (2016-)
- Special Editorial Board (Social and Conceptual Issues) *Astrobiology* (2016-)
- Co-Director, *Evo-Devo Universe* (2015-)
- C. Calhoun Lemon Fellow, Rutland Institute for Ethics (2001-18)
- Chair, National Ethics Bowl Rules Committee (2013-16)
- Executive Board, Society for Ethics Across the Curriculum (2011-16)
- Board of Directors, South Carolinians for Science Education (2009-15)

OTHER PROFESSIONAL SERVICE

- Referee: Oxford University Press, Duke University Press, McGraw Hill Publishing, MIT Press, Wadsworth Thomson Publishers, Rowan & Littlefield Publishers, Prentice Hall Publishers, Benjamin Cummings, *Intl. J. Astrobiology*, *Artificial Life*, *Biological Theory*, *Challenges*, *Biology and Philosophy*, *Futures*, *History and Philosophy of the Life Sciences*, *Journal of Applied Systems Studies*, *Perspectives on Science*, *Philosophical Psychology*, *Philosophy of Biology*, *Philosophy of Science*, *Space Policy*, *Synthese* and others.
- Founding President, *Society for Social and Conceptual Issues in Astrobiology*, 2016 -
- National Ethics bowl rules committee (2003-)
- Member (one of only two Americans), European Cooperation on Science and Technology (COST) working group writing a proposal for the European Union to fund an initiative on Social and Ethical issues in Astrobiology (2016-18).
- Judge/Moderator, National Ethics Bowl competition (2002, 2003, 2013, 2014, 2015, 2017)
- Admissions Committee, University of South Carolina School of Medicine, Greenville (2014-16)
- Program committee, Society for Ethics Across the Curriculum Society (2014)
- Career Opportunities Committee, American Philosophical Assoc. (2000-2003)
- Chair, Marjorie Greene Prize Committee, International Society for the History, Philosophy & Social Studies of Biology (2002)
- Program Committee, International Society for the History, Philosophy and Social Studies of Biology conference (1999)
- Service on committee rewriting the *DANTES: Ethics in America* exam, Educational Testing Service, Princeton (1997)

CLEMSON LEADERSHIP

- Dean's Tenure and Promotion Advisory Committee (2017)
- Provost's Leadership Council (2014-16)

- Chair, Department Personnel Committee (2008-18)
- Advisory Board, *Clemson Thinks 2* (2014-17)
- Chair, University Ombuds Committee (2014-15)
- Board of Trustees' Provost Search Committee (2014)
- Chair, Faculty Manual Rewrite Committee (2014)
- Chair, TPR best practices committee (2014)
- Provost's ad hoc advisory group on GHS/CU collaboration (2014)
- Board of Trustees' Presidential Search Committee (2013-14)
- Board of Directors, Clemson University Foundation (2013-14)
- Faculty Senate President (2013-14)
- Department Director of Undergraduate Studies (2007-14)
- Executive/Advisory Committee, Faculty Senate (2001-02, 2012-15)
- Faculty Senate Vice President/President Elect (2012-13)
- President, Clemson Sigma Xi chapter (2011-12)
- Chair, University Grievance Board, (2010-12)
- Chair, Dept. search committees (2002, 2004, 2009, 2012, 2016, 2017, 2019)
- Chair, Grievance I hearings (2011, 2012)
- Vice President, Clemson Sigma Xi chapter (2010-11)
- Chair, University Grievance Subcommittees (2007, 2008, 2009, 2010)
- Faculty Senator (2000-02, 2007-9)
- Department webmaster (1999-2006)
- Chair, Humanities Subcommittee, General Education Committee, (2002-04)
- Faculty Senate Secretary (2001-2002)
- President's Advisory Council (2000-02)
- Lead Senator, College of AAH (2000-02)
- Chair, Faculty Senate Scholastic Policies Committee (2001).

CLEMSON COMMITTEE WORK

- Departmental Chair Review Committee (2018-19)
- Departmental Merit Scale Committee (2019)
- Departmental Bylaws Revision Committee (2017-18)
- Centennial professor awards committee (2015)
- University honorary degree committee (2013-14)
- Library Advisory Council (2012-)
- Class of '39 award committee (2014)
- Provost's Title IX committee (2014)
- Four Presidents Council (2013-14)
- Academic Council (2013-14)
- President's LGBTQ Task Force (2013-14)
- University Tobacco Committee (2013-14)
- University Graduation Committee (2013-14)
- Human Resources Advisory Council (2013-14)
- University Budget Accountability Committee (2013-14)
- Quality Enhancement Program steering committee member (2012-14)

- University Athletic Council (2012-14)
- Council on Undergraduate Studies (2012-14)
- Joint Faculty Senate/Board of Trustee task force to rework administrative personal practices (2013)
- Department Chair review committee (2013)
- University Compensation Committee (2012-13)
- University Council on Undergraduate Studies (2007-12)
- Board of Trustees committee rewriting university mission statement (2012)
- University Grievance Board (2008-12)
- University Advisory Committee of Budget Center Representatives (2010-11)
- University Student Conduct Code Review Committee (2008—11)
- University Human Subjects Committee (IRB) (1999-2010)
- University ePortfolio review committee (2008-10)
- Calhoun College Honors Committee (2001-03, 2007-8, 2009-10)
- Department Search Committees (2001, 2002, 2004, 2005, 2010)
- Faculty Senate Policy Committee (2008-10)
- University Latin Honors Committee (2008-09)
- Department Advisory Committee (2001-2, 2004-05, 2006-9)
- Faculty Senate Recreational Advisory Committee (2008-9)
- Gentry award committee (2007-08)
- Great Works Program Committee (2003-2008)
- Sigma Xi admissions committee (2003-04, 2005-06)
- University General Education Rubric committee (2005)
- University Special Grievance Committee (2005)
- College Interdisciplinary Ph.D. Committee (2004)
- College Faculty Advisory Council (2002-04)
- University General Education Committee (2000-03)
- University Admissions Committee (2001-02)
- Planning committee, Jane Goodall's campus visit (2002)
- University Honors and Awards Committee (2000-02)
- Search Committee, director of Rutland Institute for Ethics (2001-02)
- University Undergraduate Council, AAH representative (2000-02)
- Goldwater Scholarship selection committee (2001-02)
- Faculty Senate Grievance I Committee (2000-02)
- Faculty Senate Scholastic Policies Committee (1999-02)
- College Committee on Information Technology (1998-01)
- College Staff awards committee (2000)
- College Web Committee (2000)
- Faculty Senate Review Committee, Class of '39 Award (2000)
- University Accident Review Board (1999-00)
- College Committee on Core Curricula (Walker Committee) (1998-99)
- University Committee on Academic Integrity (1998)

LEADERSHIP DEVELOPMENT

- Council of Colleges of Arts and Sciences training for Department Chairs (2019)
- Inaugural Provost's Leadership Workshop (2014-15)

STUDENT ADVISING AND OUTREACH

- Senior Dixon Fellow, Calhoun Honors College, (2018-)
- Advisor, Clemson Hapkido Club (2009-2015, 2017-)
- "How to Get a Job in Philosophy" a talk for philosophy majors, Departmental mentoring workshop (2017)
- Organized and guided dept. faculty-student whitewater trips (2012, 2013, 2015)
- Advisor, Student Secular Alliance of Clemson (2010-14)
- Coach, Clemson Ethics Bowl team, (2003-7, 2009-12)
- Department Undergraduate Coordinator (2001-2010).
- Assistant coach, Clemson Ethics Bowl Team (2008, 2013 -)
- "Finding Your Special Purpose," discussion with Clemson Sophomores, 2008.
- "The philosopher meets the coach" Academic Success Program, 2006.
- Advisor, Philosophical Society of Clemson (2000-05)
- Helped produce (and acted in) "The Paw Report", a skit for Tigerama 2002 by the Philosophical Society of Clemson, which won fourth place.
- Founder and Advisor, Clemson Bioethics Club (2002-04).
- Advisor, Clemson Philosophical Society (2000-2003)
- Faculty Contact: Study Skills Project (2000-).
- Moderator, College Bowl Tournament (2000-01).
- Judge, Forensics Competition (2000).
- Coached Philosophy team for college bowl tournament (1999)
- Advisor, Philosophical Society of Clemson (1999-05 and 2005-7).

PUBLIC OUTREACH

PUBLIC PRESENTATIONS

- "Say What? Creationism, democracy of information, and the death of critical thinking," Americans United Greenville, 2/18.
- Content Expert, NASA Astrobiology Debate: I recorded two online videos and served as an advisor to teams all over the U.S. preparing to debate the ethical implications of astrobiology (2015)
- Online debate: Evolution vs. Creationism, Total Education Network Blog talk radio, WRCT 88.3 FM, (Neil Haley), 5/11
- "Who's afraid of astrobiology?", Junior Science Academy, Daniel HS, 12/10
- Led discussion following a showing of the movie *A Flock of Dodos*, Feb 2009
- "Finding Common Ground on Reproductive Issues", panel discussion sponsored by Planned Parenthood, Strom Thurmond Center, April 2008.
- Lead discussion following a showing of the movie *Expelled*, Feb 2008
- "Ethics in Healthcare", Daniel High School Pre Med club, 2008.
- "Stem Cells in the News," Seneca Coffee Club, Seneca 1/07
- "The Ethics of Birth Control", Planned Parenthood Public Forum, 2005, 2006.

- “Everything you always wanted to know about stem cells”, Metz Group, Seneca 3/06
- “From stem cells to creationism: resolving conflicts between science and religion”, Easley rotary club 10/3/05
- “The Ethics of Cloning” (public debate), Morehead State University, 9/04.
- Keynote speaker: “Ethical Reasoning” Chi Epsilon banquet, Clemson, 11/03
- "Colored Bodies: Henrietta Lacks and the HeLa Cells," panel discussion of Charlene Gilbert’s documentary, Clemson, April, 2002.
- “Jane Goodall’s Contribution to Ethics,” panel discussion, Clemson, 3/02.
- Keynote Speaker: “A Preoccupation with Knowledge: what humanities and science have in common”, Alpha Epsilon Lambda banquet, 4/01.
- Invited speaker, “What your donations do for the library”, Parade of Beneficiaries, September 2001
- Keynote speaker (“Who’s Afraid of Biotech?”), First Annual Graduate Student / Calhoun Honors College Research Forum, 4/00
- Panelist, “Creationism and Evolution” debate sponsored by the Upstate Secular Humanist Society and the Strom Thurmond Institute, 9/00.
- “Evolution and Creationism” (public debate), Clemson University, 11/99

INTERVIEWS

NATIONAL AND INTERNATIONAL PRESS

- “How to Talk with Aliens,” *NPR’s Science Friday with Ira Flatow*, April 2018. Archived at: <https://www.sciencefriday.com/segments/how-to-talk-with-aliens/>
- “Exploring the Ethics of Human Settlement in Space” for the Podcast *Making New Worlds*, Feb 20, 2018. Available here: <https://makingnewworlds.com/2018/02/28/ep-13-should-we-settle-space/>
- “Clemson's Kelly Smith Says Ethics Might Be Universal.” *Huffington Post*, Jan 26, 2015. http://www.huffingtonpost.co.uk/2015/01/26/kelly-smith-ethics_n_6545562.html
- “Perhaps there is hope for Humanity’s moral destiny after all!” *josephmcmillan.com*, Jan 25, 2015. <http://josephbhmcmillan.com/perhaps-hope-humanitys-moral-destiny/>
- “Researcher explores how the universe creates reason, morality.” *Phys.org*, Jan 23, 2015. <http://phys.org/news/2015-01-explores-universe-morality.html>
- ScienceDaily "How does the universe create reason, morality?." *ScienceDaily*, January 23, 2015. www.sciencedaily.com/releases/2015/01/150123102221.htm
- “Clemson university considers tobacco ban”, *GoErie.com*, 4/19/14
- “‘Alien Life’ Claim Hampered by Journal's Dubious Reputation” in *Technewsworld*, March 7, 2011. Available at: <http://www.technewsworld.com/story/Alien-Life-Claim-Hampered-by-Journals-Dubious-Reputation-72006.html>
- “Frankenfish' could be coming to market”, *Sun News*, 9/13/10
- “Darwinists Launch Evolutionary War on Christianity” in *TheVoicemagazine.com*, February 11, 2009. (see

<http://www.thevoicemagazine.com/headline-news/435-darwinists-launch-evolutionary-war-on-christianity.html>)

- “Technology in the classroom, *Wall Street Journal*, 9/05.
- “The Chances of Extraterrestrial Life” *CNN Presents: Is Anybody Out There?*, August 9, 2004
- “The Ethics of the Line”, *The Oregonian*, December 16, 2001.
- “Stem Cell Research”, The Glen Mitchell news show, *KERA* (Dallas NPR station), August 30, 2001.
- “Animal souls”, *The Monroe New-Star* (La), August 25, 2001.
- “Pros and Cons of Human Cloning” *WBSM radio* (a CBS talk radio station serving southwestern Massachusetts and the Providence, R.I., area), August 17, 2001.
- “The Untimely Death of the Placebo effect”, *MAMM: Women, Cancer and Community*, Sept-Oct., 2001.
- “Anti-plagiarism software”, *Chronicle of Higher Education*, June 14, 2001
- “Creationism in the United States”, *Brazilian Academic Press*, March 2001.
- “Cloned calf shows no signs of aging”, *Washington Times*, April 28, 2000.
- “Creation of monkey twin heralds hope for cures”, *Washington Times* January 14, 2000
- “Pro-lifers seek to block embryo-derived research...”, *Washington Times* February 18, 1999.
- “Human cloning draws nearer as ethicists seek to draw rules...” (front age), *Washington Times* November 9, 1998.

STATE AND LOCAL PRESS

- “NASA Exoplanet discovery excites Clemson scientists” Clemson Press Release, 2/21/17. Available at: <http://newsstand.clemson.edu/mediarelations/nasa-exoplanet-discovery-excites-clemson-scientists/>
- “Nothing Spooky About it” Halloween-themed Clemson video press release on astrobiology, 10/30/16, available at <http://newsstand.clemson.edu/mediarelations/nothing-spooky-about-it-mysteries-in-the-search-for-alien-life-include-ethical-questions/>
- “New Clemson University President Installed during Graduation”, *Anderson Independent*, 5/9/14
- “Stem Cell Ban Renews Debate”, *Daily Journal and Messenger*, March 16 2009
- “Stem Cells”, *Channel 4 News*, March 15, 2009.
- “Darwin Turns 200, Debate Continues”, *Daily Journal and Messenger*, February 13, 2009
- “The Ethics of Cockfighting”, *Channel 4 News*, May 21, 2008.
- “Cheating in the iphone era,” *Daily Journal/Messenger*, May 2008.
- “Ethical Issues in Animal testing”, *Daily Journal and Messenger*, 10/8/07.
- “University pays theory little notice”, *Gainesville Sun*, 1/7/06
- Cheating, *Daily Messenger*, December 2005
- “Dressing down Darwin”, *Anderson independent*, July 22, 2005.
- Creationism, *Greenville News*, April 2005

- Stem Cells, Spartanburg Herald-Journal, February 2005
- “The Ethics of Cloning”, Your Day segment, National Public Radio, September 2, 2004.
- “Technology and Cheating”, WYFF Channel 4, August 21, 2004
- “Is Anybody out there?”, *Charleston Post Courier* July 27, 2004
- “Clemson Philosopher finds his niche – in space” *Charleston Post and Courier*, April 26, 2004.
- “Mars Rover finds evidence of water”, SC News network, 3/5/04
- “The Florida Right to Die Case”, SCNews network, Nov 2003
- “Potential for Cloning draws mixed reaction”, *Anderson Independent Mail*, February 18, 2004.
- “IVF turns 25”, SC News Network, July 24, 2003
- “The Mars Mission”, *The Greenville Journal*, 4/13/03
- “The Socrates café movement and philosophical outreach activities at Clemson”, interview with *The Greenville news*, March 6, 2003
- “Congress bans Human Cloning”, interview with *The Daily Journal*, March 3, 2003
- “Cloning and the Raelians” interview with *SC News Network*, January 10, 2003
- “Academic redemption, plus/minus grading and the provost’s academic plan” interview with *The State*, October 31, 2002
- “Gift giving during the holidays” press release for *Clemson News Services*, September 20, 2002
- “DNA Databases”, *Creative Loafing*, Feb 21 2002.
- “The Ethics of Cloning Pets”, *South Carolina News Service*, Feb 20 2002
- “Ethical concerns with Charitable giving”, *The State*, January 11, 2002.
- “Cloning”, *Creative Loafing* (Greenville), December 7, 2001.
- “Carolina Concerns: Cloning”, *WMYI* and *WSSL* (in Greenville), December 16, 2001.
- “New Ethical Worries about Cloning”, *Anderson Independent* (front page), November 27, 2001.
- “The Ethics of Cloning”, *South Carolina News Network*, November 27, 2001.
- “The Higher Ideals of the Holidays”, *South Carolina News Network*, November 11, 2001.
- “The Holidays as a time for Reflection”, *WVOC radio* (Columbia), November 12, 2001.
- “The Holiday Spirit”, *Clemson News Services*, October 17, 2001.
- “Clemson switches to plus minus grading”, *The State*, May 11, 2001.
- “CU Unveils New Grading Scale”, *Daily Journal and Messenger*, May 10, 2001.
- “Clemson Faculty OK’s Plus Minus Grades”, *The Greenville News*, May 9, 2001.
- “Find Meaning in the Holidays”, *Daily Journal Messenger*, December 16, 2000.
- “Postmodernism”, *The Observer*, March 2000.
- “Breaking the (Genetic) Code”, *Birmingham Weekly*, Nov 9, 2000.
- “Professor Questions Genetic Ethics” (front page), *Daily Journal & Messenger* July 6, 2000.

- “Morrison Elementary School”: *Greenville News* September 22, 1999.
- “School Bond Referendum”, *Greenville News* April 2, 1999.
- “School Board Issues”, *Anderson Independent* October 29, 1999.
- “Pickens County School Board Candidates”, *Easley Progress*, October 28, 1998.
- “Daniel Area Could Gain Strong Foothold on School Board,” *Easley Progress*, September 23, 1998.
- “Cloning”, *U.S. 1 Newspaper* March 1997.
- “Cloning”, *WFSU radio* (Tallahassee) May 1997.
- “Science & Salesmanship”, *U.S. 1 Newspaper* November 1996.

CAMPUS PRESS

- “Beyond Blackboard”, *College of AAH Research Magazine*, November 2008.
- “Clemson teams places second on national ethics bowl”, *The Tiger*, April 2009.
- “NASA a waste of money?” *The Tiger*, February 23, 2007.
- “Students Share Illegally,” *The Tiger*, April 21, 2006.
- “Evolution Textbook Stickers”, February 25, 2005
- “Cloning”, *The Tiger*, February 18, 2004.
- “Astrobiology and Space Exploration”, *The Tiger*, January 2004.
- “Islam Required at UNC” *The Tiger*, September 4, 2002.
- “The Ethics of Campaign Finance Reform”, *The Tiger*, October 8, 2002
- “Relativism”, on *Refreshing Philosophy*, CCN, April 10 2002.
- “Free Will” on *Refreshing Philosophy*, CCN, September, 2002.
- “Jane Goodall’s Impact”, *The Tiger*, March 29, 2002.
- “Genetic Databases in South Carolina”, *The Tiger*, March 8, 2002.
- “Evolution is not Unsupported”, *The Tiger*, March 29, 2002.
- “+/- Grading”, *The Tiger*, September 21, 2001.
- “The Examined Life”, *Clemson World*, July 2001.
- “Release of Professor Evaluations Debated” *The Tiger*, April 6, 2001
- “Grade Redemption Policy Approved”, *The Tiger*, March 30, 2001.
- “Who’s Afraid of Genetic Technology”, *The Tiger*, Jan 26, 2001.
- “The Metaphysics of Clemson Football”, *CNN*, October 10, 2000.
- “The Philosophical Importance of the Holidays”, *CNN*; October 3, 2000.
- “Evaluations Must be Taken Seriously”, *The Tiger*, September 24, 1999.
- “Mill & Liberalism”, *The Observer*, March 1999.
- “Ethical Relativism”, *The Observer*, February, 1999.

GUEST LECTURES AND PRESENTATIONS

I stopped keeping track of these in 2014. At that point, I had given over 100 talks to 24 different departments/organizations at Clemson, mostly on applied ethics and/or critical thinking.

FACULTY SEMINARS

- “Teaching Critical Thinking” a series of workshops for Clemson’s CT² critical thinking initiative. (2015, 2016)

- “When a Paper Becomes a Weapon”, Research Compliance seminar, 2012.
- “Next”, RIE summer reading group, 2011.
- “So you think you are ethical?” Environmental Toxicology, Jan 2011
- “Ethics and Science” Biosciences seminar, 9/10
- “Ethics and Research Publications” Environmental toxicology April 2010.
- “What is ethics?” library staff development workshop, 5/06
- “Philosophical Issues in Astrobiology?” BIOSC Seminar, 1/04.
- “Genetic Ethics”, DNA learning center, 7/03
- “Ethics & Environmentalism” Environmental Toxicology seminar, 2/03
- “Research Ethics” Faculty senate research forum, 2/03.
- “Rigorous Discussion: keeping the BS coefficient manageable” OTEI’s faculty workshop “Teaching Today’s Freshmen: rapport, rigor and motivation”, 4/01.
- “Where Our Students Are Coming From: The Values and Attitudes of Generation Y”, OTEI workshop, 3/01.
- “Academic Integrity” Presidential colloquium, 1/03.
- “Got Ethics?: How to Introduce Ethics into Your Courses and Still Maintain Standards” sponsored by OTEI and the Rutland Institute, 4/01.
- “Biotech as Bogeyman”, Plant Pathology and Physiology seminar, 1/01.
- "The Socratic Method: Irritating your students into thinking for themselves" series of workshops by OTEI: 10/00, 11/00 and 1/01.
- “The Nature of Science: Why scientists are really philosophers in lab coats.” BIOSC seminar, 10/00.
- "Humor in the Classroom" series of workshops by OTEI: 10/00 and 11/00.
- “Selfish Genes and Super-Organisms: What social insects can’t teach us that carrion beetles can”, Entomology Seminar 1/99.
- “Leading Effective Discussions,” 1st annual Celebrating Teaching seminar, Clemson, 1999.
- “What is Science?”, Entomology seminar, 10/98.

SUCCESSFUL AWARD NOMINATIONS

- Bill Pennington awarded class of ’39 Award (2008)
- Sid Gauthreaux awarded Centennial Professorship (2002)
- Todd May awarded CAAH Teaching Award (2002)
- Jerry Waldvogel awarded Class of 1939 Professorship (2001)

COMMUNITY LEADERSHIP POSITIONS

- Board of Governors, GSFC Corporation (1998-04, 2011-14)
- Captain, *SenatOars* Team, Clemson Regatta (2013)
- President & Chairman of the Board, GSFC Corporation (2000-04)
- Cookie Dad, Girl Scout troop 365 (1999-2003)
- President, Creekside Neighborhood Association (2000-2002)
- Treasurer, Morrison Elementary School PTO (2000-01)
- President, Morrison Elementary School PTO (1999-00)
- Vice-President, Creekside Neighborhood Association (1999-00)

- Candidate, Pickens County School Board (1998)

OTHER COMMUNITY SERVICE

- Regularly teach self defense seminars (especially for women)
- Participated in Miss Clemson Pageant (2015)
- SenatOars Team member, Clemson Regatta (2012, 2013)
- Chaperone, 5th grade field trip to Charleston (2011)
- Chaperone, 4th grade field trip to Camp Thunderbird (2010)
- Duke University Alumni interviewer, (2002-5)
- Volunteer construction crew, Clemson Elementary School playground (2001)
- Chaperone, Third Grade field trip to Columbia (2001)
- Judge, Anderson/Oconee/Pickens Science Fair (1999-02, 2004)
- PTO representative, Morrison School Improvement Counsel (1999-00)
- Homeroom parent, Mrs. Nodine's first grade class (1999-00)
- Chaperone, Fifth Grade field trip to Charleston (1999)
- Fifth grade Graduation Book Committee, Morrison Elementary School (1999)
- Parent helper, Daisy Troop # 413 (1998-99)
- Parent Volunteer, Mrs. McGinn's Kindergarten class (1998-99)

PERSONAL

- Married to a wonderful wife for 34 years
- 3 successful, well-adjusted children (all Clemson alumni)
- 2nd degree black belt in Hapkido (the other Korean martial art)
- Personal Motto: *Docendo Disco* (through teaching, I learn)