

JOHN NOLT
CURRICULUM VITAE

Updated 7/24/2023

Department of Philosophy
801 McClung Tower, The University of Tennessee
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AREAS OF SPECIALIZATION: Environmental Ethics, Intergenerational Ethics, Climate Ethics, Formal Axiology, Philosophical Logic, Free Logic.

ACADEMIC EMPLOYMENT (University of Tennessee)

Professor Emeritus, Summer 2018-present
Distinguished Service Professor 2017-18
Professor, University of Tennessee 2000-18
Associate Professor, 1984-2000
Assistant Professor, 1978-1984

SELECTED PRIOR EMPLOYMENT

Driver for disabled students, Ohio State University (1974-5)
Ironworker, Kreutz & Spohn Construction Co., Columbus, Ohio, (1972-4)
Ohio State Senate Page, appointed by Senator Ralph Regula (1968-9)
Reporter and photographer, *Evening Independent*, Massillon, Ohio (summers, 1967-70)

EDUCATION

Ph.D. Ohio State University, 1978
Dissertation: *The Language of Set Theory*

PUBLICATIONS

Books

Incomparable Values: Analysis, Axiomatics and Applications, Routledge, 2022:

<https://www.routledge.com/Incomparable-Values-Analysis-Axiomatics-andApplications/Nolt/p/book/9780367563684>.

Environmental Ethics for the Long Term: An Introduction, Routledge/Taylor & Francis, 2015.

A Land Imperiled: The Declining Health of the Southern Appalachian Bioregion, (editor)
University of Tennessee Press, 2005.

Logics, Belmont, CA, Wadsworth Publishing Company, 1997.

John Nolt (editor), Athena Lee Bradley, Mike Knapp, Donald Earl Lampard, and Jonathan Scherch, *What Have We Done? The Foundation for Global Sustainability's State of the Bioregion Report for the Upper Tennessee Valley and Southern Appalachian Mountains*, Earth Knows Publications, 1997.

Down To Earth: Toward a Philosophy of Nonviolent Living, Earth Knows Publications, 1995.

John Nolt and Dennis Rohatyn, *Theory and Problems of Logic*, McGraw-Hill Book Co., Schaum's Outline Series, New York, 1988; second edition revised by Achille Varzi, 1999. (Portuguese translation as *Lógica*, São Paulo, McGraw-Hill, 1991; Japanese translation in two volumes by Daisuke Kachi, Tokyo, Omsa, Ltd.: vol. 1, 1995; vol. 2, 1996; Italian translation 2004, second Italian edition 2007.) Abridged and reissued under the title *Logic: Crash Course*, The McGraw-Hill Companies, 2006.

Informal Logic: Possible Worlds and Imagination, McGraw-Hill Book Co., New York, 1984.

Articles and Chapters

“Nuclear Power” in *Routledge Companion to Environmental Ethics*, Benjamin Hale and Andrew Light, eds., Routledge/Taylor & Francis, 2022.

“Long-Term Non-Anthropocentric Ethics,” in *Oxford Handbook of Intergenerational Ethics*, Stephen M. Gardiner, ed., (Oxford, 2021).

“Climate Change and the Welfare of Life,” in *Climate Change Ethics and the Non-human World*, Brian G. Henning and Zack Walsh, eds. (Routledge 2020).

“Domination across Space and Time: Smallpox, Relativity, and Climate Ethics,” *Ethics, Policy and Environment* 22, 2 (2019): 172-83.

John Nolt and Annette Mendola, “Comparing Apples and Oranges: Ethical Food Choice at the Grocery Store,” in *Food, Environment and Climate Change: Justice at the Intersections*, Sarah Kenehan and Erinn Gilson, eds. (Rowman and Littlefield, 2018).

“Long-Term Climate Justice,” in *Climate Justice: Integrating Economics and Philosophy*, Ravi Kanbur and Henry Shue, eds., Oxford, 2018: 230-246.

“Cumulative Harm as a Function of Carbon Emissions,” in *Climate Change and Its Impacts: Risks and Inequalities*, Colleen Murphy, Paolo Gardoni and Robert McKim, eds. Springer, 2018: 39-52.

“Die Nachhaltigkeit des Wohls des Lebens,” (“Sustaining Life’s Welfare”), trans. by Christoph Haar, in *Nachhaltigkeit und Transition: Konzepte*, Rosa Sierra and Anahita Grisoni, eds., Campus Verlag (2017): 119-140.

“Anger, Despondence and Nonviolence: Reflections on the D.C. Climate March,” *The Acorn: Philosophical Studies in Pacifism and Nonviolence* 17,1 (Spring/Summer 2017): 53-60.

“Are There Infinite Welfare Differences among Living Things?” *Environmental Values* 26 (2017): 73–89.

“Future Generations in Environmental Ethics,” in Stephen Gardiner and Allen Thompson, eds., *Oxford Handbook of Environmental Ethics*, ch. 25, Oxford University Press, 2016.

“Hope, Self-Transcendence and Biocentrism,” in *Ecology, Ethics, and Hope: A Bird in the Gale*, Andrew Brei, ed., Rowman and Littlefield, 2016.

“Non-Anthropocentric Nuclear Energy Ethics,” ch. 9 of *Ethics of Nuclear Energy: Risk, Justice and Democracy in the post-Fukushima Era*, Behnam Taebi and Sabine Roeser, eds., Cambridge University Press, 2015.

- “Casualties as a Moral Measure of Climate Change,” *Climatic Change* 130, 3 (June 2015): 34758, DOI 10.1007/s10584-014-1131-2.
- “Climate Change and Intergenerational Justice,” in *Social Justice and the University: Globalization, Human Rights, and the Future of Democracy*, Jon Shefner, Harry Dahms, Robert E. Jones, and Asafa Jalata, eds., Palgrave Publishers, 2014: 114-27.
- “The Individual’s Obligation to Relinquish Unnecessary Greenhouse-Gas-Producing Devices,” *Philosophy and Public Issues* (New Series) 3,1 (2013), pp 139-165 (special issue on “A Changing Moral Climate,” edited by M. Di Paola & G. Pellegrino).
- “Anthropocentrism and Egoism,” *Environmental Values*, 22, 4 (August 2013): 441-459.
- “Comparing Suffering across Species” *Between the Species* 16, 1 (June 2013): 86-104 (Special issue featuring papers from the UT Animals, Ethics and Law Symposium, March 2-3 2012, the organizing committee of which I chaired; I also wrote the introduction to this issue).
- “Replies to Critics of ‘How Harmful Are the Average American’s Greenhouse Gas Emissions?’” *Ethics, Policy and Environment* 16, 1 (June, 2013): 111-119.
- Henry Bi and John Nolt, “Toward a Unified Formal Semantics for Control-Flow Process Models,” *Journal of Database Management*, 23, 2 (April-June 2012): 73-99.
- “Injustice in the Handling of Nuclear Weapons Waste: The Case of David Witherspoon, Inc.” in *Mountains of Injustice: Environmental and Social Equity in Appalachia*, Michele Morrone and Geoff Buckley, eds., Ohio University Press, 2011: 126-141.
- “Nonanthropocentric Climate Ethics,” *WIREs Climate Change* 2, 2011: 701-711.
- “How Harmful Are the Average American’s Greenhouse Gas Emissions?” *Ethics, Policy and Environment* 14, 1, March 2011: 3-10. (Target article, with commentaries by Robin Attfield, Lauren Hartzell, Avram Hiller, Jason Kawall, Jay Odenbaugh, Ronald Sandler, Anders Schinkel and Thomas P. Seager, Evan Selinger and Susan Spierre.)
- “Greenhouse Gas Emission and the Domination of Posterity” in Denis Arnold, ed., *The Ethics of Global Climate Change*, Cambridge University Press, 2011: 60-76.
- “Sustainability and Hope,” in *Sustainability Ethics: 5 Questions*, Evan Selinger, Ryan Raffelle and Wade Robison, eds., Automatic/VIP Press, 2010: 143-70.
- “Free Logic,” *Stanford Encyclopedia of Philosophy*, (April 5, 2010; 1st revision June 13, 2014; 2nd revision July 13, 2018; 3rd revision December 11, 2020), <http://plato.stanford.edu/entries/logic-free/>.
- “Hope, Self-Transcendence and Environmental Ethics,” *Inquiry* 53, 2 (April 2010): 162-182; reprinted in Andrew Brei, ed., *Ecology, Ethics, and Hope* (Rowman and Littlefield, 2015).
- “The Move from *Is* to *Good* in Environmental Ethics,” *Environmental Ethics*, 31, 2 (Summer 2009): 135-154. Translation by Amy Xiao in the Chinese journal *Social Sciences Abroad* (December 2014): 131-7; translation reprinted in *Xinhua Digest* 4, (2015): 138-141.
- “Why Nietzsche Embraced Eternal Recurrence,” *History of European Ideas*, 34, 3 (September 2008): 310-323.

- "Truth as an Epistemic Ideal," *Journal of Philosophical Logic*, 37, 3 (June 2008): 203-237.
- "Reference and Perspective in Intuitionistic Logic," *Journal of Logic, Language and Information* 16, 1 (January 2007), 91-115.
- "The Move from *Good* to *Ought* in Environmental Ethics," *Environmental Ethics* 28, 4 (Winter 2006): 355-374.
- "Free Logics," in *Philosophy of Logic*, ed., Dale Jacquette, (Volume 5 of the *Handbook of the Philosophy of Science*), Elsevier 2006: 1023-1060.
- "An Argument for Metaphysical Realism," *Zeitschrift für Allgemeine Wissenschaftstheorie* 35, 1 (2004): 71-90.
- "Air Quality and Individual Conscience," *Forum for Applied Research and Public Policy* 16, 3 (Fall 2001): 111-116.
- John Nolt and John Peine, "The Evolution of Land Use Ethics and Resource Management: Coming Full Circle" in John Peine, ed., *Ecosystem Management for Sustainability: Principles and Practices as Illustrated by a Regional Biosphere Cooperative*, New York, CRC Press, 1998.
- John Nolt, Grayfred B Gray, Donald R. Ploch, and Bruce J. MacLennan, "A Logic for Statutory Law," *Jurimetrics* 35 (Winter 1995): 121-151. (Won the Loevinger Prize for best article in Volume 35 of *Jurimetrics*.)
- Grayfred B. Gray, Bruce J. MacLennan, John E. Nolt, and Donald R. Ploch, "Legal Expert System Building: A Semi-Intelligent Computer Program Makes It Easier," *The John Marshall Journal of Computer and Information Law*, XII, 4 (Spring 1994): 555-583.
- Jim Bennett and John Nolt, "A Venn-Euler Hybrid Test for Categorical Syllogisms," *Teaching Philosophy*, 17, 1 (March 1994): 39-55.
- Donald R. Ploch, Bethany K. Dumas, Grayfred B. Gray, Bruce J. MacLennan, and John E. Nolt, "Readability of the Law: Forms of Law for Building Legal Expert Systems," *Jurimetrics* 33, 2 (March 1993).
- "A Fully Logical Inductive Logic," *Notre Dame Journal of Formal Logic*, 31, 3 (Summer 1990): 415-436.
- Donald R. Ploch, Bethany K. Dumas, Grayfred H. Gray, Bruce MacLennan, and John Nolt, "Law Reading Experiment," *Pre-Proceedings of the III International Conference on Logica, Informatica, Diritto: Legal Expert Systems*, vol. 2, Antino A. Martino, ed., Consiglio Nazionale Delle Ricerche, Florence, 1989.
- "Dilemmas of the Inductive/Deductive Distinction," *Argumentation: Perspectives and Approaches*, Frans H. van Eemeren, Rob Grootendorst, J. Anthony Blair, and Charles A. Willard, eds., Foris Publications, Dordrecht, 1987: 418-425.
- "What Are Possible Worlds?" *Mind* XCV (October 1986): 432-445; reprinted in *Philosophy of Logic: An Anthology*, Dale Jacquette ed., Blackwell, 2001.
- "Entailment, Enthymemes, and Formalization" (abstract), *Journal of Philosophy* LXXXIII, 10 (October 1986): 572-573.

- "More on Induction and Possible Worlds," *Informal Logic*, vii, 1 (Winter 1985).
- "Informal Logic in China," *Informal Logic*, vi, 3 (December, 1984): 44-5.
- "A Brief History of Logic, with Emphasis on the Recent Development of Informal Logic," *Research in Natural Dialectics* (August, 1984): 18-26 (Chinese translation of a lecture given at Nanjing Institute of Technology, July 23, 1984).
- "Possible Worlds and Imagination in Informal Logic," *Informal Logic*, vi, 2 (July 1984): 14-17.
- "Sets and Possible Worlds," *Philosophical Studies* 44 (1983): 21-35.
- "Mathematical Intuition," *Philosophy and Phenomenological Research* XLIV, 2, (December, 1983): 189-211.
- "Expression and Emotion," *The British Journal of Aesthetics* 21, 2 (1981): 139-150.
- "Abstraction and Modality," *Philosophical Studies* 38 (1980): 111-127.

Policy Brief

- "Nuclear Power, Fossil Fuels, and Climate Change: The Long View," Howard H. Baker Jr. Center for Public Policy (September 2015).

Book in Progress

- The Welfare of Life on Earth*—a detailed exposition of the biocentric ethical theory sketched in chapter 6 of *Environmental Ethics for the Long Term*.

Non-Professional Articles

- "The Mayor, a Salamander, and Some Tree-Sitters: The Untold Story of Knoxville's James White Parkway," *Tennes-Sierran* 55,4 (July/August 2022): 5 (cover article).
- "Fostering Breadth of Vision: A Long-Term Biocentric Ethic," *Tennes-Sierran* 55,1 (January/February 2022): 3.
- "Living Sustainably, Appalachian Style," *Now & Then: The Appalachian Magazine*, 18, 3 (Fall 2001): 3-6.
- "The Health of Southern Appalachia," in Doris Ivie and Leslie M. LaChance, ed., *Breathing the Same Air: An East Tennessee Anthology*, Knoxville, Celtic Cat Publishing, 2000.
- "The Legacy of Nuclear Weapons Production," *Rural Southern Voice for Peace Journal*, 63 (August 1992): 14-15; reprinted in *The Appalachian Reader* 5, 3 (Fall 1992): 4-6.
- "Nukes in South Knoxville: The Witherspoon Project," *Greenspeak* 1, 1, Winter 1991-2; reprinted in *Environment and Development in the USA: A Grassroots Report for the UNCED* (United Nations Conference on the Environment and Development), Highlander Research and Education Center, New Market, Tennessee, 1992.

Instructors' Manuals

- Solutions Manual for Logics*, (with Eddy Falls and Scott Nixon), Belmont, CA, Wadsworth, 1997.
- Instructor's Manual to Accompany Informal Logic: Possible Worlds and Imagination*, McGraw-Hill Book Co., 1984.

Book Reviews

- Marion Hourdequin, *Environmental Ethics: From Theory to Practice*, in *Environmental Values* 25:4 (August 2016).
- Samuel Alexander and Amanda McLeod, eds., *Simple Living in History: Pioneers of the Deep Future*, in *Environmental Values* 24:5 (2015): 692-4.
- Leslie Paul Thiele, *Sustainability*, in *Environmental Ethics* 37,1 (Spring 2015): 121-2.
- Holmes Rolston III, *A New Environmental Ethics: The Next Millennium for Life on Earth*, in *Environmental Values* 22,1 (Feb. 2013): 133-5.
- Al Fritsch and Paul Gallimore, *Healing Appalachia: Sustainable Living Through Appropriate Technology*, in *Environmental Ethics* 32 (Summer 2010): 219-20.
- John Divers, *Possible Worlds*, in *APA Newsletter on Teaching Philosophy*, January 2006.
- "The Southern Appalachian Highlands and the Sense of Place," in *Journal of Appalachian Studies* 7, 1 (Spring 2001). (Review of four books and a video on this theme.)
- Alan Thein Durning, *This Place on Earth: Home and the Practice of Permanence*, in *Forum for Applied Research and Public Policy*, 13, 1 (Spring 1998).
- Ronald Rubin and Charles M. Young, *Formal Logic: A Model of English*, in *Teaching Philosophy*, 12, 4 (December 1989).
- John N. Martin, *Elements of Formal Semantics: An Introduction to Logic for Students of Language*, in *Teaching Philosophy* 11, 3 (Sept. 1988).
- G. H. Von Wright, *Philosophical Logic*, in *Nous* 22, 1 (1988): 152-5.

Creative Arts

Roadkill, Interdisciplinary book art collaboration with print artists John Risseuw (Arizona State) and Beauvais Lyons (UTK), run of 50, hand-printed in the UTK Print Workshop, spring 2001. Multiple exhibits, including the Center for Book Arts in New York and Corcoran Museum in Washington, DC.

Software

NLESB (Natural Language Expert System Builder): A program to aid experts in a domain of statutory law in constructing expert systems which explain the law and its consequences to nonexpert users. (I did the programming as part of a research effort by an interdisciplinary team of investigators from UTK.) Written in Turbo Prolog.

ABACUS: A model abacus machine which students program and run to develop understanding of the concept of computability, distributed by Wadsworth Publishing Company as a supplement to my textbook *Logics*. Written in PDC Prolog.

FUNDING

Awarded

External

2014 TVA grant, \$3,000 for a workshop on May 8, 2014, to create a permanent Sustainability Working Group, to promote curricular sustainability and energy efficiency initiatives at UT.

- 2013 TVA grant, \$2,750 for the May 2013 Environmental Service Learning Workshop.
Additional funding from UT's First Year Studies program and the Institute for a Secure and Sustainable Environment brought the total to \$10,250.
- 2006 Rebuild America Grant (U.S. Department of Energy), \$25,000, for DOE assistance in creating UTK's 25-year Energy Plan.
- 2003 Foundation for Global Sustainability grant, \$1,500 for two graduate research assistants for helping with the book *A Land Imperiled*.
- 2002 Foundation for Global Sustainability grant, \$3,000 for graduate research assistant for helping with the book *A Land Imperiled*.
- 2000 Humane Society of the United States Grant, \$1,000 for visiting speakers for a course on Animal and Human Welfare, with Catherine Faver (Social Work) and John New (Veterinary Medicine).
- 1997-8, HUD Community Outreach Partnership Center Institutionalization Grant,
"Institutionalizing the University's Link to the Community," 5% of salary used as match for teaching and student project supervision to help institutionalize service learning links between UT and community organizations.

Internal

- 2015 Scholarly Research and Incentive Fund (SARIF) grant from UT Office of Research, \$800, plus matching grant from UT College of Arts and Sciences, for presentation at the annual meeting of the International Society for Environmental Ethics, Kiel, Germany, July 23-6, 2015.
- 2013 Scholarly Research and Incentive Fund (SARIF) grant from UT Office of Research, \$800, plus matching grant from UT College of Arts and Sciences, for presentation at the Multidisciplinary Perspectives on Climate Ethics workshop at Como, Italy, Sept 26-7, 2013.
- 2011 Scholarly Research and Incentive Fund (SARIF) grant from UT Office of Research, \$2,000, for symposium on Animals, Ethics and Law, March 2-3, 2012.
- 2011 matching grant from UT College of Arts and Sciences, for symposium on Animals, Ethics and Law, March 2-3, 2012.
- 2011 Haines-Morris Endowment Grant (UT College of Arts and Sciences), \$4,500, awarded to John Nolt, Gordon Burghardt, Joan Heminway, Iris Goodwin and Jon Garthoff for a Symposium on Animals, Ethics, and Law, March 2-3, 2012.
- 2011 Visting Scholar Project grant, \$2,500, to bring Larry Temkin (Rutgers) to campus to speak on value theory.
- 2010 grant from Chancellor's office, \$2100, to fund student research assistant and associated fees for helping the UT Office of Sustainability and the Committee on the Campus Environment to compile data for the national Sustainability Tracking, Assessment and Rating System (STARS) and the Campus Environmental Progress Report.
- 2010 Scholarly Research and Incentive Fund (SARIF) grant from UT Office of Research, \$800, for presentation at Ethics, Energy and the Future conference at Delft University of Technology, June 24-26, 2010.
- 2010 matching grant from UT College of Arts and Sciences, \$800, for presentation at Ethics, Energy and the Future conference at Delft University of Technology, June 24-26, 2010.

- 2010 Visiting Scholar Project grant, \$1000 plus expenses to bring Stephen Gardiner to campus to speak on intergenerational ethics.
- 2010 Summer Undergraduate Internship, \$2,000, for undergraduate student to assist with updating UT Environmental Progress Report.
- 2008 Ready for the World Grant (UT Chancellor's Office) \$5,000 for scholarships for international attendees at Energy and Responsibility Conference.
- 2008 Haines-Morris Endowment Grant (UT College of Arts and Sciences), \$8,730, awarded to Denis Arnold and John Nolt for support of Energy and Responsibility Conference.
- 2000 Council for Intellectual and Cultural Expression Grant, \$5,200, for development of a course on Animal and Human Welfare, with Catherine Faver (Social Work) and John New (Veterinary Medicine).
- 1998 Scholarly Activities Research Incentive Fund Grant, UTK, \$3,000 for graduate research assistant.
- 1997-98 Hewlett Innovative Teaching Fellowship, Innovative Technologies Center and Center for Undergraduate Excellence, UTK, \$2,400 plus computer and support equipment.

Unfunded

- 2014-16, Environmental Service Learning (ESLing), USEPA, \$184,757 (Lead PI).
- 2013-15, Environmental Service Learning (ESLing), USEPA, \$216,000 (Lead PI).
- 2012-15, Energy Ethics Education for Scientists, Engineers and Policymakers, NSF, \$299,999 (Lead PI).

PUBLIC MEDIA

- “[Talking with John Nolt about Environmental Ethics - YouTube](#)” Interview by Trevor Hedberg, Assistant Professor of Practice, University of Arizona Honors College, April 2023.
- My research on the harm of personal emissions was cited in *Grist* 11/22/21: [6 habits of highly effective climate-conscious travelers | Grist](#)
- “Loving the Planet to Death,” Minnesota Public Radio News with Kerri Miller, an hour-long call-in discussion on climate change and transportation, 11/6/19:
<https://www.mprnews.org/episode/2019/11/05/loving-the-planet-to-death>
- My article “How Harmful are the Average American’s Greenhouse Gas Emissions” was cited in the *New York Times* on 6/3/19:
<https://www.nytimes.com/2019/06/03/travel/travelingclimate-change.html?action=click&module=Well&pgtype=Homepage§ion=Travel>.
- “Intergenerational Justice,” one of two interviewees on the hour-long program *Flourish*, CJSW, University of Calgary Radio, 8/18/15.
- “Principles of a Spiritual Response to Climate Change,” webinar, Tennessee Interfaith Power and Light, 1/17/13.
- Interviewed by *The Guardian* regarding Peter Gleick’s leak of documents on the Heartland Institute’s activities regarding climate change, 2/21/12.
<http://www.guardian.co.uk/environment/2012/feb/21/gleick-apology-heartland-leakethics-debate>.

Guest on Haller Hill Morning Show, WNOX-FM, Knoxville, 10/19/09, to discuss the reorganization of Tennessee higher education with Warren Neel (Executive Director UTK Corporate Governance Center).

As President of Tennessee University Faculty Senates, I was interviewed by all newspapers in the major metropolitan areas of Tennessee and by the Associated Press.

As President of the UTK Faculty Senate in 2008-9 I was often interviewed by the three major television stations in Knoxville and the *Knoxville News-Sentinel* (for which I also wrote an op-ed column). There were other interviews by *MetroPulse* (Knoxville), the Associated Press, the *Chattanooga Times Free Press*, the *Nashville Tennessean*, the *Memphis Commercial Appeal*, *Athletic Business*, ESPN and the *Chronicle of Higher Education* and I was an occasional guest on local talk radio programs.

Interviewed and featured in the Carnegie and Knight Foundations News 21 documentary, "TVA: Ghost of our Energy Past; Glimpse into our Energy Future," 8/29/08.

Op-ed commentary for WBIR.com (the internet affiliate of Knoxville TV station WBIR) entitled "How to Clear the Air," May 2004.

Columnist on environmental issues for the quarterly publication *Tennessee Green* from about 1992 to 1998 and for its successor *The Hellbender* (later online as *Hellbender Press* <https://hellbenderpress.org/>) in 1998 and 1999. My column, entitled *Eco-Ethos*, began again with the Summer, 2001 issue and continued into 2008.

Weekly "Thoughts on Philosophy and the Environment" commentary was broadcast by public radio station WUOT FM, from November 1989 to June 1992. This commentary was revived in a new format on WUTK FM in July 2000 and broadcast through May, 2001.

SPEAKING

Selected Professional Talks, Workshops and Conference Papers

"Toward Policy-Relevant Conceptions of the Welfare of Life on Earth," meeting of the International Society for Environmental Ethics, Allenspark, Colorado, June 2023.

"Toward an Objective Conception of the Welfare of Life on Earth," James Madison University, March 30, 2023.

"Incomparable Values," James Madison University Logic and Reasoning Institute, March 31, 2023.

"The Long-term Nonanthropocentric Ethics of Climate Change and Biodiversity Loss," Keynote Address, Kent State University Philosophy Graduate Student Conference in Remembrance of May 4th, 1970; March 18, 2023.

"From Long-Term Ethics to Long-Term Law," Appalachian Public Interest and Environmental Law (APIEL) Conference, University of Tennessee College of Law, October 1, 2022.

"Aggregation and Decision-Making with Sometimes Incomparable Values," Workshop on Aggregation, Rational Choice, and Agency over the Lifecycle, Chattanooga, Tennessee, June 3-4, 2022.

"Long-Term Biocentric Ethics," keynote address, Concerned Philosophers for Peace Virtual Conference, October 29, 2021.

"Welfare Aggregation with Non-existent Individuals: Reference Failure or Zero Value?" Workshop on Free Logic and Existence (online), Ruhr-Universität Bochum Institut für Philosophie (invited), October 8-10, 2021.

- “A Conversation on Incomparability and Vagueness” with John Broome (Oxford), University of Tennessee Philosophy Department Symposium, October 16, 2020.
- “Long-Term Non-anthropocentric Ethics,” keynote address, Clayton State University, February 16, 2019.
- “Long-Term Climate Justice,” Cornell University Climate Justice Conference (invited) May 24-25, 2016. Also presented at the Center for Ethics and Social Values, Ohio State University (invited) February 17, 2017.
- “Harm as a Function of Carbon Emissions,” International Workshop on Climate Change and Its Impact: Risks and Inequalities (invited) University of Illinois Urbana-Champaign, March 10-11, 2016. (Many versions of this talk given to local audiences in the Knoxville area.)
- “A Defense of Biocentric Individualism,” Workshop on Value Theory in Environmental Ethics: Sentience, Life, Richness, Centre de Recherche en Éthique (invited), Montréal, February 4-5, 2016.
- “Sustaining Life’s Welfare” International Conference on the Normative Grounds of Sustainability, Frankfurt University (invited) October 29-30, 2015.
- “Are There Infinite Welfare Differences among Living Things?” International Society for Environmental Ethics, Kiel, Germany, July 23-6, 2015.
- “Domination across Space and Time: Smallpox, Special Relativity and Climate Ethics” Center for Ethics in Society, Stanford University (invited) April 17, 2015; also presented at the 2015 Calgary Sustainability Conference: Sustainability as Intergenerational Justice, University of Calgary, (invited) June 12-13, 2015.
- “The Moral Significance of Climate Change,” Department of English and Philosophy, University of West Georgia, (invited) April 1, 2015.
- “Biotic Welfare vs. Biodiversity: Non-anthropocentric Conservation in the Anthropocene,” International Society for Environmental Ethics, Allenspark, Colorado, June 17-20, 2014.
- “Temporally Invariant Consequentialist Biocentrism” Ben Rabinowitz Symposium on Intergenerational Ethics, University of Washington, (invited) March 6, 2014.
- “Casualties as a Moral Measure of Climate Change,” Multi-Disciplinary Perspectives on Climate Change Workshop, Como, Italy, Sept. 26-7, 2013.
- “Some Biocentric Value Aggregation Principles,” International Society for Environmental Ethics session at American Philosophical Society Eastern Division Meeting, Atlanta, January 2013.
- “Ethical Assessment of the Long-Term Damages of Climate Change” Aspen Global Change Institute workshop on “Climate Sensitivity on Decadal to Century Timescales: Implications for Civilization,” (invited) May 20-25, 2012, Aspen, Colorado; funded by NASA.
- “Individual Responsibility for Greenhouse Gas Emissions,” Energy and Environment Symposium, Howard H. Baker Jr. Center for Public Policy, (invited) October 6, 2011; also at Virginia Tech Science, Technology and Society program (invited), April 11, 2012).
- “Climate Change and Intergenerational Justice,” Social Justice and the University Colloquy, Howard H. Baker Jr. Center for Public Policy, (invited) April 30, 2011.

- "Why Climate Ethics Must Be Non-anthropocentric," International Society for Environmental Ethics session at American Philosophical Association Pacific Division Conference, San Diego, April 2011.
- "Casting the Ring into the Fire: Our Obligation to Relinquish Greenhouse Powers," Ethics, Energy and the Future conference at Delft University of Technology, June 24-26, 2010; also presented at Appalachian Public Interest Environmental Law Conference, University of Tennessee School of Law, Nov. 19-21, 2010.
- "Anthropocentrism and Egoism," 7th annual meeting of the International Society for Environmental Ethics, Allenspark, Colorado, June 8-11, 2010; University of North Carolina, Asheville, March 31, 2010; East Tennessee State University February 18, 2013.
- "Greenhouse Gas Emission and the Domination of Posterity," Institute for Advanced Studies in Humanities and Social Sciences, Nanjing University, (invited) May 26, 2009; also presented at Nanjing Forestry University (invited) May 25, 2009.
- "A Utilitarian Calculation Regarding the Human Consequences of Personal Greenhouse Gas Emissions," conference on Human Flourishing and Restoration in an Age of Global Warming, Clemson University, September 2008.
- "The Role of Self-Transcendence in the Justification of Environmental Ethics," fifth annual joint meeting of the International Society for Environmental Ethics and the International Association for Environmental Philosophy, Allenspark, Colorado, May 27th-30th 2008.
- "Greenhouse Gas Emission and the Domination of Posterity," UT Energy and Responsibility Conference, April 2008.
- "Problems with the Move from Is to Good for Nonsentient Organisms," fourth annual joint meeting of the International Society for Environmental Ethics and the International Association for Environmental Philosophy, Allenspark, Colorado, May 29 -June 1, 2007.
- "Ethics of Global Climate Change," invited keynote address at Missouri Western State University's Galileo's Legacy conference on Global Warming, 4/16/07. (Included a panel discussion with Clair Parkinson of NASA Goddard Space Flight Center and the notorious climate science denier Willie Soon.)

Selected Public Talks

- "Ethics of Nuclear Power," panel discussion with physicist Lee Riedinger and Nuclear Engineer Syd Ball; Science & Theology Joint Lecture Series, First Presbyterian Church and First United Methodist Church, Oak Ridge, Tennessee, 4/30/23.
- "Perspectives" The University of Tennessee Mortar Board Honor Society's traditional "Last Lecture," summarizing my life and work upon retirement, 4/18/22.
- "Faith, Hope, Love and Climate Change," public conversation with Dorothy Boorse, Professor of Biology at Gordon college and an evangelical Christian, sponsored by University of Tennessee Veritas Forum, 3/3/16.
- Panel discussion of the pro-nuclear film "Pandora's Promise" with Steven Skutnik, UT Nuclear Engineering, and John Wagner, Director of Reactor and Nuclear Systems Division, Oak Ridge National Laboratory, University of Tennessee, 4/22/15.
- "The Moral Significance of Climate Change," Howard Baker Center for Public Policy, 4/22/15.
- "Measuring the Costs of Climate Change," Stanford University, 4/16/15.

- Panel on Naomi Klein's *This Changes Everything: Capitalism vs. The Climate*, Center for the Study of Social Justice, University of Tennessee, 4/10/15.
- "Environmental Ethics for the Long Term: Counting the Costs of Climate Change," Rationalists of East Tennessee, Pellissippi State Community College, 1/18/15.
- "Environmental Ethics for the Long Term," Sunday Assembly, Knoxville, 10/25/14.
- "Counting the Costs of Climate Change," East Tennessee State University, 2/18/13.
- "Climate Change and the University," invited keynote, Southern Alliance for Clean Energy Campus Sustainability Summit, University of Tennessee, Knoxville, 2/15/12.
- Panel discussion of the energy film "Switch," Howard H. Baker Jr. Center for Public Policy, 10/4/12.
- "Hope for the Earth: Christianity, Native America and the Environment," public conversation with Terry LeBlanc, co-founder of the North American Institute for Indigenous Theological Studies, sponsored by University of Tennessee Veritas Forum, 9/20/12.
- "The Ethics of Global Climate Change," Westminster Presbyterian Church, Knoxville, 6/26/12.
- Discussion of my book *A Land Imperiled*, Knox County Public Library's Brown Bag/Green Book Series, 6/20/12.
- "Living the Seventh Principle," (with Annette Mendola), Tennessee Valley Unitarian Universalist Church, 4/15/12; Westside Unitarian Universalist Church, 7/22/12.
- "Climate change: Reducing Our Carbon Footprint," Earth Fest, Pellissippi State Community College, 4/16/11.
- "The Ethics of Climate Change," two 2-hour public discussions sponsored by the Howard H. Baker Jr. Center for Public policy, 10/26/10 and 11/2/10.
- "Greenhouse Gas Emission and the Domination of Posterity," Tennessee Valley Unitarian Universalist Church, Knoxville, 9/5/10.
- "Eric Schlosser's *Fast Food Nation*," Knox County Public Library's Brown Bag/Green Book series, 7/21/10.
- "Personal Responsibility for Global Climate Change," Initiative for Clean Energy, East Tennessee State University, 4/27/10.

TEACHING

Dissertations Directed

- Trevor Hedberg, *Population, Consumption, and Procreation: Ethical Implications for Humanity's Future* (Spring 2017) (This became the basis for Trevor's book, *The Environmental Impact of Overpopulation*, Routledge 2020.)
- Nolan Hatley, *Anthropocentrism and the Long-Term: Nietzsche as an Environmental Thinker* (April 2016)
- Jason Fishel, *The Green Staff of Asclepius: Envisioning Sustainable Medicine* (July 2014)
- Joel MacClellan, *Minding Nature: A Defense of a Sentio-centric Approach to Environmental Ethics* (July 2012)
- Frank Mashburn, *On Alvin Plantinga's Evolutionary Argument against Naturalism* (April 2010)
- Sanjay Lal, *The Tension and Coherence of Love, Identification and Detachment in Gandhi's Thought* (April 2006)
- Sam Von Mizener, *The Tractatus as an Ethical Deed: Seeing and Feeling the World "Sub Specie Aeterni"* (April 2006)

John Zavodny, *The Marks and Noises of the Monster at the End of the Book: From Irony to Camp with Rorty, Kierkegaard and Derrida* (August 1997).

Masters Theses Directed (Recent)

Trevor Hedberg, *Wouldn't Future People Like to Know?: A Compensation-Based Approach to Global Climate Change* (2013)

Service Learning

In connection with my environmental ethics and animal welfare courses, I have directed hundreds of students in service learning projects in collaboration with such organizations as Narrow Ridge Earth Literacy Center, the Knoxville Zoo, the Humane Society, Ijams Nature Center, the Sierra Club, Friends of the Smokies, and the Southern Alliance for Clean Energy.

Courses Taught

Graduate Courses

Environmental Ethics	Ethics and Future Generations
Ethics and Animals	Intergenerational Ethics
Animal and Human Welfare	Consumerism and Sustainability
Heidegger's <i>Being and Time</i>	Nietzsche
Truth	Realism and Truth
Decision Theory	Philosophy of Language
Philosophy of Logic	Identity and Individuation
Foundations of Mathematics	Possible Worlds
The Concept of Possibility	Metaphysical Realism
Foundations of Inductive and Statistical Reasoning	Modal Metaphysics (Kripke, Husserl, Heidegger)
Foundations of Logic: Natural Reasoning	Knowledge, Perception, and Language
Value in Nature	Incomparability, Value Pluralism and Moral decision
Independent Study (various topics)	Animals, Ethics and Law
Philosophy of Conservation Biology	Climate Ethics
Incomparable Values	
Long-term Nonanthropocentric Ethics	

Undergraduate Courses

The Human Condition: Value and Reality	The Human Condition: Knowledge and Reality
Critical Thinking (Informal Logic)	Elementary Logic
Inductive Logic	Symbolic Logic
Intermediate Formal Logic	Introduction to Philosophy
Existentialism	Philosophical Ideas in Literature
Contemporary Philosophy	Contemporary Aesthetics
19 th and 20 th Century Philosophy	Environmental Ethics
Animal and Human Welfare	Freshman Honors Seminar

SERVICE

Public Service

Executive Committee, Harvey Broome Group of the Sierra Club (2023-present)

Standing declarant in a lawsuit by the Center for Biological Diversity against changes in the Tennessee Valley Authority's rate structure that discourage solar energy projects (2020).

Taught a course on my book *Environmental Ethics for the Long Term*, at Oak Ridge Institute for Continued Learning (ORICL), summer 2014.

Appeared, along with other members of the Executive Committee of Tennessee University Faculty Senates, by invitation of Senator Andy Berke, before the Tennessee Senate Higher Education Committee, Nashville, 2/9/11, to discuss implementation of the Complete College Tennessee Act of 2010. Similar presentation made to House Education Committee at the invitation of Representative Joe Pitts, 3/1/11.

Testified for the Plaintiff in *Winston Payne v. CSX*, a civil case in the 3rd Circuit Court in Knoxville in November 2010, in which the estate of the Plaintiff (who died of cancer) won an \$8.6 million judgment against CSX railway for exposure to hazardous materials that were shipped to David Witherspoon superfund sites. Case was later appealed by CSX.

On behalf of Tennessee University Faculty Senates, I drafted an amendment that became part of the Complete College Tennessee Act of 2010, stipulating in part that in developing statewide general education requirements, the Tennessee Higher Education Commission "shall consider the views of chief academic officers and faculty senates of the respective campuses."

Petitioned the U.S. Fish and Wildlife Service to List the Berry Cave Salamander (*Gyrinophilus gulolineatus*) as an Endangered Species, 1/15/03. On 3/22/11, after suit was brought by the Center for Biological Diversity on this and other filings, the USFWS found that that this species "warrants addition to the federal list of threatened and endangered species." Listing process was initiated under the Obama administration but halted under the Trump administration. In 2019 I was a standing declarant for the Center for Biological Diversity as it filed a second suit against USFWS to restart the process.

Authored "Environmental Impact" section of Knoxville City Council's *James White Parkway Taskforce Report*, October 2003. The four-lane state road project that was the subject of this study was cancelled in 2014. Much of the land that would have been occupied by the road later became part of Knoxville's Urban Wilderness.

Wrote "History of the Witherspoon Problem," 6000-word history of three Superfund sites in South Knoxville, which was incorporated into Knox County Commission resolution R02-4-905, April 22, 2002, urging the Tennessee legislative delegation to take all steps necessary to cause the Department of Energy to clean up the sites. The DOE subsequently did so.

Served on:

City of Knoxville James White Parkway-Chapman Highway Taskforce (2004-5)

Knoxville City Council's James White Parkway Taskforce (2002-3); Environmental Subcommittee (2002-3).
 Knox Bicycle Task Force (1997-8)
 Metropolitan Planning Organization Bike Plan Committee (1994)
 Great Smoky Mountain Regional Greenway Committee (1993-1996)

Professional Service

Reviewer for submissions to 2015 International Society for Environmental Ethics conference, "Environmental Ethics between Action and Reflection," Kiel University, Germany.
 Expert Reviewer, Working Group III, Fifth Assessment Report, Intergovernmental Panel on Climate Change (2013).
 Judge, International Society for Environmental Ethics, Holmes Rolston III Early Career Essay prize committee (2012)
 Chair, Planning Committee, *Symposium on Animals, Ethics and Law*, Howard Baker Center for Public Policy, March 1-3, 2012, (2011-12)
 Editorial Advisory Board, *Environmental Ethics* (2011-present)
 Tennessee Higher Education Commission Master Plan Steering Committee for Tennessee's 2010-2015 plan for higher education (2010)
 President, Tennessee University Faculty Senates (statewide) (2009-10)
 Immediate Past President (2010-11)
 President-elect (2008-9)
 Chair, Planning Committee, *Energy and Responsibility: A Conference on Ethics and the Environment*, University of Tennessee, Knoxville, April 10-12, 2008, (2006-8)
 External reviewer for tenure and/or promotion of environmental ethics faculty at many universities in the U.S., starting in 2007.
 University of North Carolina at Asheville Undergraduate Philosophy Conference judge (fall 2006)

Manuscript reviews for:

<i>Teaching Philosophy</i>	Earth Knows Publications
Rowman and Littlefield	Cambridge University Press
McGraw-Hill	University Press of America
Wadsworth Publishing Co.	Prentice-Hall
Blackwell Publishers	<i>Journal of Religious Ethics</i>
University Press of Kentucky	<i>Journal of Nietzsche Studies</i>
<i>Journal of Cleaner Production</i>	<i>Synthese</i>
<i>Journal for General Philosophy of Science</i>	<i>Bioscience</i>
Oxford University Press	<i>Journal of Philosophical Logic</i>
<i>The Monist</i>	<i>Philosophical Studies</i>
<i>Emotion, Space and Society</i>	<i>International Journal of Feminist</i>
<i>Environmental Values</i>	<i>Approaches to Bioethics</i>
Bloomsbury Publishing	<i>Ethics, Policy and Environment</i>
<i>Environmental Ethics</i>	<i>Erkenntnis</i>

Routledge	<i>de Ethica</i>
<i>Climatic Change</i>	<i>Environmental Philosophy</i>
<i>Between the Species</i>	<i>Dialectica</i>
<i>Studia Logica</i>	<i>Ethics and International Affairs</i>
<i>Ambio</i>	<i>The Acorn: Philosophical Studies in</i>
<i>Les Ateliers de l'éthique/The Ethics Forum</i>	<i>Pacifism and Nonviolence</i>
<i>Analysis</i>	<i>Journal of Ethics and Social Philosophy</i>
<i>Logic and Logical Philosophy</i>	<i>Utilitas</i>
<i>Journal of Appalachian Studies</i>	<i>Worldviews: Global Religions, Culture,</i>
	<i>and Ecology</i>

Grant proposal reviews for:

Austrian Science Fund

Social Sciences and Humanities Research Council of Canada

University Service

Graduate Council (2014-16); Credentials Committee of the Graduate Council (2014-15)

Chair, Steering Committee, Sustainability Working Group—faculty-initiated and faculty-led organization to promote curricular development and research collaboration in sustainability (2014-15).

Organized and directed two-day Environmental Service Learning Workshop for 11 UT faculty (May 2013)

Life of the Mind Book Selection Committee (2012-13)

SACS Reaccreditation Writing Committee (2012-14); responsible for sections on faculty governance and academic freedom.

College of Arts and Sciences Tenure and Promotion Committee (2011-14); Chair (2013-14)

College of Arts and Sciences Budget and Planning Committee (2010-14)

Judge, Second Annual EURECA Sustainability Award (2012, 2013)

Chair, College of Arts and Sciences Strategic Planning Committee (2011)

Represented Chancellor Cheek at American College and University Presidents' Climate Commitment Climate Summit, Denver, Oct 4-5, 2010.

UTK Faculty Senate

Past President (2009-10)

UT System Relations Committee (2009-10)

President (2008-9)

President-Elect (2007-8) Legislative

Task Force (2009)

Effectiveness Task Force (2008-9)

Executive Committee (2007-10; chair 2008-9)

Budget and Planning Committee (2005-9) Senator
(2005-8)

Tennessee Higher Education Task Force, University of Tennessee and Tennessee Board of Regents system administrations (2009)

Committee on the Campus Environment (1999-present); Subcommittee on UTK Environmental Policy (1999-2000); Co-Chair (2003-2010); Chair (2010-2016)
 UTK Campus Master Plan Committee (2009-11, 2005-7); Chair: Energy and Environment Subcommittee (2010-11)
 University of Tennessee Cherokee Farm Planning Committee (2008-9)
 Search Committee for UTK Provost (2009)
 UTK Program Review, Reallocation and Reduction Task Force (2008-9)
 Commission for Blacks (2008-9)
 Commission for Women (2008-9)
 Chancellor's Associates (2008-9)
 University of Tennessee Faculty Council (2008-9)
 Leadership Group on Interculturalism (2008-9)
 University of Tennessee Board of Trustees Academic Affairs and Student Success Committee (non-voting member, 2008-9)
 Enrollment Management Committee (2007-9)
 Chancellor's Sustainability Oversight Committee (2007-8)
 UTK Strategic Planning Committee (2007-9)
 Faculty Advisor, Vegetarian Student Alliance (2006-9)
 James R. and Nell W. Cunningham Outstanding Teaching Award Committee (2004)
 Faculty Advisor, Students Toward Animal Rights in Tennessee (START) (2004-5)
 Southeast Student Clean Energy Conference Planning Board (2004-5)
 Environmental Semester Steering Committee (2003-5)
 Faculty Advisor, UT Climbing Wall Club (2002-4)
 Appalachian Studies Committee (2001-3)
 University of Tennessee Community Partnership Center Advisory Board (1997-1999); Search Committee for Executive Director (1998)
 UTK Academic Affairs Focus Group on Environment, Natural Resources, and Species Preservation (1998-9); Chair of Subcommittee on External Programs (1999)
 History Department Search Committee for Environmental History Position (1998-9)
 Founding Member, Citizens for a Pedestrian-Friendly Campus (1998-2000)
 College Arts and Sciences Taskforce on the Future (1997-8)
 Environmental Studies Committee (1994-6)
 College of Arts and Sciences Faculty Speakers Bureau (1994)
 Stokely Institute Faculty (Summer 1994)
 College Scholars Advisor (many students over the years)
 Advisor, College of Liberal Arts Advising Center (1987-1993)
 Faculty Advisor, Amnesty International Campus Group (1986-7)
 Many guest lectures related to environmental ethics in UT courses (both graduate and undergraduate) in Philosophy, Forestry, Journalism, Environmental Policy, Architecture, Education, Sociology, Civil and Environmental Engineering, Biology, English Literature (Thoreau), Conservation Biology, University Studies, Geology, Wildlife and Fisheries Science, UT College of Veterinary Medicine, etc. I have also given lectures on aspects of environmental ethics at Tennessee Tech (for an

economics class) and Maryville College and at many regional high, middle and elementary schools.

Departmental Service

Interim Co-Head (2015-2017)
 Chair, Philosophy of Science Search Committee (2011-12)
 Chair, Ethics Search Committee (2010-11)
 Head's Advisory Committee (2008-10)
 Director of Undergraduate Studies (2004-10)
 Chair, Epistemology Search Committee (2006-7)
 Acting Head (summer 2001)
 Director of Graduate Studies (1995-2001, Fall 2003)
 Chair, Philosophy of Science Search Committee (1997-8)
 Vice Chair, Graduate Committee (1989-92)
 Chair, Undergraduate Committee (1992-3)
 Chair, Contemporary Exam Subcommittee (1993-5)

Community Service

Judge, East Tennessee High School Ethics Bowl, 2016-2020.
 Board of Directors, Narrow Ridge Earth Literacy Center, Washburn, Tennessee (1990-1997 and 2011-2012); Board Chair 1996-1997; Chair of Earth Knows Publications Committee 1996-8); Collaborative Network (Advisory Board) (2001-2005); Fundraising Committee (2012-2014).
 Board of Directors, Foundation for Global Sustainability (1989-99 and 2001-8); President 1996-1997; VISTA supervisor 1997-8; Chair of State of the Bioregion Committee 1994-present; Decision-Making Council, Clean Water Project, 1995-8)
 Board of Directors and Founding Member, Tennessee Environmental Enforcement Fund (1996-2000)
 Board of Directors, American Environmental Health Studies Project (1995-1997)
 Knox Vision 2000, Environmental Committee (1994)
 Knox County Greenways Committee (1991-1995)
 Knoxville Water Quality Forum River Rescue Planning Committee (1992-1995)
 Tennessee Humanities Council Speakers' Bureau (1992-3)
 Board of Directors, Tennessee Environmental Council (1991-4)
 Co-Founder and Vice President, Project Witherspoon (citizens' group advocating cleanup of three toxic and radioactive waste sites in the Vestal community of South Knoxville) (1989-93)
 Knoxville Junior League Environmental Conference Planning Board (1993) My family hosted a German foreign exchange student, Sebastian Peter, for the school year 1997-8. He remains a member of our family.

AFFILIATIONS

Research Fellow, UT Center for Energy, Transportation, and Environmental Policy (2023-present).

Research Fellow, Energy and Environmental Policy Program, Howard H. Baker Jr. Center for Public Policy (2015-2023)

Fellow, UTK Center for the Study of Social Justice (2009-present)

Member, Tennessee Valley Unitarian Universalist Church (2008-present)

Member, United Campus Workers (2007-present)

Associate, UTK Center for Applied and Professional Ethics (1999-2008)

Lifetime member, Sierra Club

AWARDS

2022 First Annual Earthkeeper Award, Narrow Ridge Earth Literacy Center

2017 Inaugural John Nolt Lifetime Environmental Achievement Award, University of Tennessee Office of Sustainability (named in my honor)

2016 Loraine W. Lester Award for service to the College of Arts and Sciences and the University

2011–2012 College of Arts and Sciences James R. and Nell W. Cunningham Outstanding Teaching Award

2009 Peacemaker Award, Oak Ridge Environmental Peace Alliance

Southeastern Conference Academic Consortium Academic Leadership Development Program Fellowship (2008-9)

Knoxville News-Sentinel Environmental Achievement Award, 1998

University of Tennessee Chancellor's Teacher-Scholar, 1996-8

University of Tennessee Chancellor's Award for Excellence in Teaching, 1996 University of Tennessee Alumni Public Service Award, 1996

1995 Loevinger Prize for the article "A Logic for Statutory Law," published in the American Bar Association's Law and Technology Journal *Jurimetrics*

University of Tennessee College of Arts and Sciences Senior Teaching Award, 1995

University of Tennessee College of Arts and Sciences Public Service Award, 1995

Chancellor's Citation for Extraordinary Community Service, Spring 1992