

Kevin Elliott

Lyman Briggs College & Dept. of Fisheries and Wildlife & Dept. of Philosophy
Michigan State University

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Academic Specializations:

AOS: Philosophy of Science; Practical Ethics (Environmental, Biomedical, Scientific Research)

Education:

- 1998-2004 University of Notre Dame, Program in History and Philosophy of Science
- Ph.D., Spring 2004; M.A., Summer 2002
 - Pew Younger Scholars Graduate Fellowship, 1998-2003
 - University Presidential Graduate Fellowship, 1998-2004
 - Dissertation Title: “Scientific Anomaly and Biological Effects of Low-Dose Chemicals: Elucidating Normative Ethics and Scientific Discovery”
(Advisor: Kristin Shrader-Frechette)
- 1997-1998 Northern Illinois University
- Graduate coursework in philosophy
- 1993-1997 Wheaton College, IL
- B.S., majors in chemistry and philosophy, *summa cum laude*
 - American Chemical Society certification in biochemistry
 - Bernard Nelson Prize (organic chemistry), Paul Wright Prize (physical chemistry)
 - Summer undergraduate research (Emory U. and U. of Pittsburgh)

Employment:

- Jan. 2014 – present Associate Professor, Michigan State University: Lyman Briggs College & Department of Fisheries and Wildlife & Department of Philosophy
- Aug. 2006 – Dec. 2013 University of South Carolina, Department of Philosophy
- Associate Professor, Jan. 2010 – Dec. 2013
 - Faculty Principal, West (Green) Quad, January 2013 – December 2013
 - Director, Carolina Leadership Initiative, Fall 2010 – Summer 2012
 - Assistant Professor, Aug. 2006 – Dec. 2009
- Jan. 2004 – May 2006 Louisiana State University
- Assistant Professor, tenure home in Dept. of Philosophy, Aug. 2005 – May 2006
 - Assistant Professor, tenure home at Pennington Biomedical Research Center (PBRC), Jan. 2005 - August 2005
 - Instructor, Dept. of Philosophy and PBRC, Jan. 2004 – Dec. 2004

Honors and Awards:

September 2016 – present, Invited member, U.S. National Academy of Sciences Committee on Emerging Science for Environmental Health Decisions

2015 Excellence Award in Interdisciplinary Scholarship from the MSU Chapter of Phi Kappa Phi (along with Kendra Spence Cheruvellil, Georgina Montgomery, Isis Settles, Pat Soranno, and Pan-Ning Tan) for our scholarship to examine changing ethical and methodological practices in the environmental sciences.

September 2014 – May 2017, Invited member, U.S. National Advisory Environmental Health Sciences Council (for the National Institute of Environmental Health Sciences)

2011 Breakthrough Rising Star Award (awarded by the office of the USC Vice President for Research to recognize excellence among assistant and associate professors)

2010 Michael J. Mungo Undergraduate Teaching Award (given by the University of South Carolina annually to four faculty members across the university)

2004 Shaheen Award for the Humanities (given by the University of Notre Dame to one graduating Ph.D. student in the humanities in order to recognize academic and research excellence)

2003 Marjorie Grene Prize for the paper “Error as Means to Discovery” (from the International Society for History, Philosophy, and Social Studies of Biology, awarded to the best manuscript based on a paper presented by a graduate student at a recent ISHPSSB meeting)

2003 Award for Teaching by a Graduate Student (given by the University of Notre Dame Alumni Association annually to one graduate student at the University)

Media Coverage:

Media coverage of 2017 PLoS ONE paper, “Perceived Conflict of Interest in Health Science Partnerships”:
<http://msutoday.msu.edu/news/2017/public-skeptical-of-research-if-tied-to-a-company/>

Media coverage of my February 2017 talk, “Navigating Financial Conflicts of Interest,” at the AAAS meeting:
<http://www.seeker.com/alternative-facts-have-plagued-science-for-decades-2272707511.html> and
<http://www.independent.co.uk/news/science/fake-news-alternative-facts-scientists-corporations-politicians-donald-trump-aaas-a7588866.html> and <http://www.healthline.com/health-news/fake-news-plaguing-world-of-science#1> and
<http://msutoday.msu.edu/news/2017/alternative-facts-not-just-in-politics-and-media/>; Interview on NPR:
<http://michiganradio.org/post/alternative-facts-can-be-found-scientific-research-too/>; Interview on the podcast
Distraction: S2 Mini 4, “Alternative Facts and Marketing the Truth,”
<http://www.distractionpodcast.com/category/episodes/>

Podcast discussion based on the article “Conceptions of Good Science in Our Data-Rich World,” which was selected as the Editor’s Choice article from BioScience in October 2016: <http://bioscienceaibs.libsyn.com/episode-17-big-data-and-good-science>

Photos and videos from participation in ESPP roundtable, “Drones and Environmental Research,” on April 14, 2016: <http://www.espp.msu.edu/events/drones.php>

“Policy Matters: Transparency is Rarely a Bad Thing,” Oct. 7, 2015, article by Arran Frod that makes use of Elliott’s 2014 article with David Resnik, “Science, Policy, and the Transparency of Values”;
<http://www.euroscientist.com/policy-matters-transparency-is-rarely-a-bad-thing-2/>

“The Limits of Science and What It Means for Science-Based Decision-Making,” Oct. 7, 2015, interview on JSTOR Daily with Kevin Elliott and Stefan Boschen: <http://daily.jstor.org/public-policy-the-limits-of-science/>

Press for research collaboration on the ethics of data sharing: <http://msutoday.msu.edu/360/2014/research-team-studying-environmental-science/>; <http://msutoday.msu.edu/news/2014/some-scientists-share-better-than-others/>;
<http://www.sciencedaily.com/releases/2014/10/141022123541.htm>;
<http://www.theatlantic.com/health/print/2014/12/scientists-have-a-sharing-problem/383061/>

NPR radio interview on the challenges of industry-funded research: <http://wkar.org/post/industry-funded-research-poses-ethical-dilemmas>

Press release for NSF grant on diversity and ethical practices: <http://msutoday.msu.edu/news/2014/diversity-could-lead-to-ethical-behaviors-among-scientists/>

CBC radio interview on communicating science:
<http://www.cbc.ca/informationmorningfredericton/2014/03/18/science-ethics/>

Press for the Carolina Leadership Initiative: <http://www.sc.edu/news/newsarticle.php?nid=2069#.VE5xmvnF-AU>;
<http://www.sc.edu/news/newsarticle.php?nid=2804#.VE5x2PnF-AU>;
<http://www.youtube.com/watch?v=JEPiltuDGxo>;

Academic Conferences Organized:

PSA2018 (Biennial Meeting of the Philosophy of Science Association), Seattle 2018, Chair of the Program Committee

“The Collaboration Conundrum: Special Interests and Scientific Research,” University of Notre Dame, Nov. 2015, co-organized with Anjan Chakravartty, Melinda Gormley, Janet Kourany, and Jessica Nickrand

“Cognitive Attitudes and Values in Science,” University of Notre Dame, June 2013, co-organized with Don Howard

“Science, Knowledge, and Democracy,” University of South Carolina Three Rivers Philosophy Conference, April 2011, co-organized with Justin Weinberg

Research:

Major Research Grants

Lead PI on “Ethical Standards and Practices of Environmental Scientists: Does Team Diversity Matter?” (NSF#: SES-1449466), for \$600,000. Grant accepted in August 2014.

Co-PI on “NIRT: Intuitive Toxicology and Public Engagement” (NSF#: SES-0709056), for \$1,399,258, led by David Berube, NC State Department of Communication. Grant accepted in September 2007.

Other Grants

Team Member on “Michiganders’ Views of Vaccines,” led by Mark Largent, from MSU’s Institute for Public Policy and Social Research, \$20,000 received summer 2016.

Team Member on “Testing Communication Tactics for Overcoming Skepticism,” led by Sean Valles from MSU’s ITBI program, \$6,830, received Spring 2015.

Team Leader on “Promoting Quality and Trust in Industry-Funded Research,” from MSU’s S3 program, \$10,000, supplemented with \$3,000 from the pilot data fund of LBC, received Fall 2014.

Team Member on “Conceptions of Good Science in a Data-Rich World,” led by Pat Soranno, from MSU’s S3 program, \$10,000, received Fall 2014.

Co-recipient with Justin Weinberg, American Philosophical Association grant for \$1,700 to support a “Science, Knowledge, and Democracy” conference at USC, April 2011.

Project Co-Director on “Center of Economic Excellence for Nanoenvironmental Research and Risk Assessment,” for \$3 million from the state of South Carolina, led by Tom Vogt, USC NanoCenter. Project approved in June 2008.

Single-Authored Books

Kevin C. Elliott, *A Tapestry of Values: An Introduction to Values in Science*. New York: Oxford University Press, 2017.

Kevin C. Elliott, *Is a Little Pollution Good for You? Incorporating Societal Values in Environmental Research*. New York: Oxford University Press, 2011. (Reviewed in *Notre Dame Philosophical Reviews*; *Studies in Ethics, Law, and Technology*; *BioScience*; *Philosophy of Science*; *Environmental Ethics*; and *Tijdschrift voor Filosofie*)

Edited Books

Kevin C. Elliott and Ted Richards, *Exploring Inductive Risk: Case Studies of Values in Science*. New York: Oxford University Press, 2017.

Kevin C. Elliott and Daniel Steel, *Contemporary Controversies in Values and Science*. New York: Routledge, 2017.

Edited Journal Issues or Sections

Kevin C. Elliott and Ted Richards (editors), special section of *Public Affairs Quarterly* on “The Responsible Use of Science in Societal Decision-Making—Part 2,” Vol. 31, No. 4 (October 2017).

Kevin C. Elliott and Ted Richards (editors), special section of *Public Affairs Quarterly* on “The Responsible Use of Science in Societal Decision-Making—Part 1,” Vol. 31, No. 3 (July 2017).

Kevin C. Elliott and Daniel McKaughan (editors), special section of *Studies in History and Philosophy of Science* on “Cognitive Attitudes and Values in Science,” Vol. 53, No. 10 (October 2015).

Kevin C. Elliott, Rebecca Kukla, and Justin Weinberg (editors), special issue of *Kennedy Institute of Ethics Journal* on “Science, Expertise, and Democracy,” Vol. 22, No. 2 (June 2012).

Kevin C. Elliott (editor), special issue of *Human and Experimental Toxicology* on “Hormesis and Ethics,” Vol. 27, No. 8 (August 2008). The papers also appeared in the *BELLE Newsletter*, Vol. 14, No. 3 (2008), available online at: <http://www.belleonline.com/newsletters.htm>.

Substantial Pieces (Journal Articles, Book Chapters, Commentaries)

Isis H. Settles, Sheila T. Brassel, Georgina M. Montgomery, **Kevin C. Elliott**, Patricia A. Soranno, and Kendra S. Cheruvelil, “Honorary Authorship and the Dark Side of ‘Inclusion,’” *Equality, Diversity, and Inclusion* (submitted).

Kevin C. Elliott, Robert A. Montgomery, David B. Resnik, Tutilo Mudumba, Justin Booth, and Kyle Powys Whyte, “Taming the Eye in the Sky: Ethical Dimensions of Drone Applications for Environmental Research,” *Trends in Ecology and Evolution* (submitted).

Kevin C. Elliott, Aaron M. McCright, Summer Allen, and Thomas Dietz, “Values in Environmental Research: Citizens’ Views of Scientists Who Acknowledge Values,” *PLoS ONE* (revise and resubmit).

Daniel J. McKaughan and **Kevin C. Elliott**, “Just the Facts or Expert Opinion? The Backtracking Approach to Socially Responsible Science Communication,” in Susanna Priest, Jean Goodwin, and Michael Dahlstrom (eds.), *Ethics and Practice in Science Communication* (University of Chicago Press, under contract).

Kevin C. Elliott, “Environmental Pollution, Philosophy of Science, and Public Policy,” in Gregg Caruso (ed.), *Handbook of Philosophy and Public Policy* (Palgrave-MacMillan, forthcoming).

Kevin C. Elliott, Cheryl A. Murphy, and Natàlia Garcia-Reyero, “The Future of Adverse Outcome Pathways: Analyzing Their Social Context,” in Cheryl A. Murphy and Natàlia Garcia-Reyero (eds.), forthcoming volume with Springer.

Kevin C. Elliott, “Precautionary Principles,” in B. Hale and A. Light (eds.), *Routledge Companion to Environmental Ethics* (London: Routledge, forthcoming).

David B. Resnik, **Kevin C. Elliott**, Patricia A. Soranno, and Elise Smith, “Data-Intensive Science and Research Integrity,” *Accountability in Research* (forthcoming); available online at: <http://www.tandfonline.com/doi/full/10.1080/08989621.2017.1327813>.

Kevin C. Elliott and Ted Richards, “Introduction: The Responsible Use of Science in Societal Decision-Making—Part 2,” *Public Affairs Quarterly* 31 (2017): forthcoming.

Kevin C. Elliott and Ted Richards, “Introduction: The Responsible Use of Science in Societal Decision-Making—Part 1,” *Public Affairs Quarterly* 31 (2017): forthcoming.

John C. Besley, Aaron M. McCright, Nagwan Zahry, **Kevin C. Elliott**, Norbert E. Kaminski, Joseph D. Martin, “Perceived Conflict of Interest in Health Science Partnerships,” *PLoS ONE* 12(4): e0175643. Available online at: <https://doi.org/10.1371/journal.pone.0175643>.

Kevin C. Elliott and Ted Richards, “Exploring Inductive Risk: Introduction,” in Kevin C. Elliott and Ted Richards (eds.), *Exploring Inductive Risk* (New York: Oxford University Press, 2017), p. 1-13.

Kevin C. Elliott and Ted Richards, “Exploring Inductive Risk: Future Questions,” in Kevin C. Elliott and Ted Richards (eds.), *Exploring Inductive Risk* (New York: Oxford University Press, 2017), p. 261-277.

Kevin C. Elliott and Daniel Steel, “Values and Science: Current Controversies,” in Kevin C. Elliott and Daniel Steel (eds.), *Current Controversies in Science and Values* (New York: Routledge, 2017), p. 1-11.

Kevin C. Elliott, “The Plasticity and Recalcitrance of Wetlands,” in Bernadette Bensaude-Vincent, Sacha Loeve, Alfred Nordmann, and Astrid Schwarz (eds.), *Research Objects in Their Technological Setting* (London: Routledge, 2017).

Kevin C. Elliott, Isis H. Settles, Sheila T. Brassel, Georgina M. Montgomery, Kendra S. Cheruvilil, and Patricia A. Soranno, “Honorary Authorship Practices in Environmental Science Teams: Structural and Cultural Factors and Solutions,” *Accountability in Research* 24 (2017): 80-98.

Kevin C. Elliott, “The Ethics of Environmental Pollution,” in S. Gardiner and A. Thompson (eds.), *The Oxford Handbook of Environmental Ethics* (New York: Oxford University Press, 2017), p. 369-379. Available online at: <http://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780199941339.001.0001/oxfordhb-9780199941339-e-33>

Manny Alalouf, Alexander Federau, and **Kevin C. Elliott**, “Clinical Trial Registries as a Solution to Structural Problems in Pharmaceutical Research,” in *Social Science Scholars Research, Vol. 1*, an edited volume produced by the MSU Social Science Scholars program in 2016.

Kevin C. Elliott, Kendra S. Cheruvilil, Georgina M. Montgomery, and Patricia A. Soranno, “Conceptions of Good Science in Our Data-Rich World,” *BioScience* 66 (2016): 880-889. Featured as the October Editor’s Choice article (available online at: <http://bioscience.oxfordjournals.org/content/66/10/880.full.pdf+html>) and discussed in the podcast series BioScience Talks: <http://bioscienceaibs.libsyn.com/episode-17-big-data-and-good-science>.

Kevin C. Elliott, “Standardized Study Designs, Value Judgments, and Financial Conflicts of Interest,” *Perspectives on Science* 24 (2016): 529-551.

Kevin C. Elliott, “Climate Geoengineering,” in S. O. Hansson and G. H. Hadorn, *The Argumentative Turn in Policy Analysis: Reasoning about Uncertainty* (Springer, 2016), pp. 305-324.

Kevin C. Elliott, “Environment,” in A.J. Angulo (ed.), *Miseducation: A History of Ignorance Making in America and Abroad* (Baltimore: Johns Hopkins University Press, 2016), p. 96-119.

David B. Resnik and **Kevin C. Elliott**, “The Ethical Challenges of Socially Responsible Science,” *Accountability in Research* 23 (2016): 31-46.

Kevin C. Elliott, “Values in Environmental Risk Assessments,” in Cheryl Macpherson (ed.), *Climate Change and Health: Bioethical Insights into Values and Policy* (New York: Springer, 2016), p. 161-167.

Kevin C. Elliott, “Science and Policy,” in M. Largent and G. Montgomery (eds.), *A Companion to the History of American Science* (Wiley-Blackwell, 2016), p. 468-478.

Paul Mushak and **Kevin C. Elliott**, “Structured Promotion of a Research Field: Hormesis in Biology, Toxicology, and Environmental Regulatory Science,” *Kennedy Institute of Ethics Journal* 25 (2015): 335-367.

David B. Resnik, **Kevin C. Elliott**, and Aubrey Miller, “A Framework for Addressing Ethical Issues in Citizen Science,” *Environmental Science and Policy* 54 (2015): 475-481; DOI:10.1016/j.envsci.2015.05.008.

Daniel J. McKaughan and **Kevin C. Elliott**, “Introduction: Cognitive Attitudes and Values in Science,” *Studies in History and Philosophy of Science* 53 (2015): 57-61; DOI:10.1016/j.shpsa.2015.05.011.

Kevin C. Elliott, “Selective Ignorance in Environmental Research,” in M. Groß and Linsey McGoey (eds.), *Routledge International Handbook of Ignorance Studies* (London: Routledge, 2015), p. 165-173.

David B. Resnik and **Kevin C. Elliott**, “Bisphenol A and Risk Management Ethics,” *Bioethics* 29 (2015): 182-189.

Patricia A. Soranno, Kendra Spence Cheruvilil, **Kevin C. Elliott**, and Georgina Montgomery, “It’s Good to Share: Why Environmental Scientists’ Ethics are Out of Date,” *BioScience* 65 (2015): 69-73.

Kevin C. Elliott, “Anthropocentric Indirect Arguments for Environmental Protection,” *Ethics, Policy, & Environment* 17 (2014): 243-260. This was the Target Article of the issue with seven accompanying “Open Peer Commentaries.”

Kevin C. Elliott, “Financial Conflicts of Interest and Criteria for Research Credibility,” *Erkenntnis* 79 (2014): 917-937.

Kevin C. Elliott and David B. Resnik, “Science, Policy, and the Transparency of Values,” *Environmental Health Perspectives* 122 (2014): 647-650. Featured in Janet L. Pelley, “Science and Policy: Understanding the Role of Value Judgments,” *Environmental Health Perspectives* 122 (2014): A192.

David B. Resnik and **Kevin C. Elliott**, “Environmental Health Ethics,” in *Bioethics*, 4th edition. Edited by Bruce Jennings. (Farmington Hills, MI: Macmillan Library Reference, 2014).

Kevin C. Elliott and Daniel J. McKaughan, “Non-Epistemic Values and the Multiple Goals of Science,” *Philosophy of Science* 81 (2014): 1-21.

Kevin C. Elliott, “Ethical and Societal Values in Nanotoxicology,” in B. Gordijn and A. M. Cutter (eds.), *In Pursuit of Nanoethics: Transatlantic Reflections on Nanotechnology* (Dordrecht: Springer, 2014), p. 147-166.

Kevin C. Elliott and David Willmes, “Cognitive Attitudes and Values in Science,” *Philosophy of Science* 80 (2013 Proceedings): 807-817.

Kevin C. Elliott, “Risk, Precaution, and Nanotechnology,” in R. Sandler (ed.), *Ethics and Emerging Technologies* (Palgrave-Macmillan, 2013).

Kevin C. Elliott, “Douglas on Values: From Indirect Roles to Multiple Goals,” *Studies in History and Philosophy of Science* 44 (2013): 375-383.

Daniel J. McKaughan and **Kevin C. Elliott**, “Backtracking and the Ethics of Framing: Lessons from Voles and Vasopressin,” *Accountability in Research* 20 (2013): 206-226.

David B. Resnik and **Kevin C. Elliott**, "Taking Financial Relationships into Account When Assessing Research," *Accountability in Research* 20 (2013): 184-205.

Kevin C. Elliott, "Selective Ignorance and Agricultural Research," *Science, Technology, and Human Values* 38 (2013): 328-350.

Justin Weinberg and **Kevin C. Elliott**, "Science, Expertise, and Democracy" in *Kennedy Institute of Ethics Journal* 22 (2012): 83-90.

Kevin C. Elliott, "Epistemic and Methodological Iteration in Scientific Research," *Studies in History and Philosophy of Science* 43 (2012): 376-382.

Kevin C. Elliott, "Ignorance, Uncertainty, and the Development of Scientific Language," in N. Janich, A. Nordmann, and L. Schebek (eds.), *Nichtwissenskommunikation in den Wissenschaften* (Frankfurt am Main: Peter Lang, 2012), pp. 295-315.

Kevin C. Elliott and David C. Volz, "Addressing Conflicts of Interest in Nanotechnology Oversight: Lessons Learned from Drug and Pesticide Safety Testing," *Journal of Nanoparticle Research* 14 (2012): 664-668.

Kevin C. Elliott and Michael Dickson, "Distinguishing Risk and Uncertainty in Risk Assessments of Emerging Technologies," in Torben Zülsdorf, Christopher Coenen, Arianna Ferrari, Ulrich Fiedeler, Colin Milburn, and Matthias Wienroth (eds.), *Quantum Engagements: Social Reflections of Nanoscience and Emerging Technologies* (Heidelberg: AKA Verlag, 2011), pp. 165-176.

Katherine Robinson and **Kevin C. Elliott**, "Environmental Aesthetics and Public Environmental Philosophy," *Ethics, Policy, & Environment* 14 (2011): 175-191.

Kevin C. Elliott, "Direct and Indirect Roles for Values in Science," *Philosophy of Science* 78 (2011): 303-324.

Kevin C. Elliott and Janet L. Elliott, "On 'Crying-It-Out' and Co-Sleeping," in Sheila Lintott (ed.), *Motherhood – Philosophy for Everyone: The Birth of Wisdom* (Malden, MA: Wiley-Blackwell, 2010), pp. 141-153.

Maureen O'Malley, **Kevin C. Elliott**, and Richard Burian, "From Genetic to Genomic Regulation: Iterative Methods in miRNA Research," *Studies in History and Philosophy of Biological and Biomedical Sciences* 41 (2010): 407-417.

Kevin C. Elliott, "Hydrogen Fuel-Cell Vehicles, Energy Policy, and the Ethics of Expertise," *Journal of Applied Philosophy* 27 (2010): 376-393.

Kevin C. Elliott, "Geoengineering and the Precautionary Principle," *International Journal of Applied Philosophy* 24 (2010): 237-253.

Kevin C. Elliott and Daniel J. McKaughan, "How Values in Scientific Discovery and Pursuit Alter Theory Appraisal," *Philosophy of Science* 76 (2009 Proceedings): 598-611.

Maureen A. O'Malley, **Kevin C. Elliott**, Chris Haufe, and Richard M. Burian, "Philosophies of Funding," *Cell* 138 (2009): 611-615.

Kevin C. Elliott, "The Ethical Significance of Language in the Environmental Sciences: Case Studies from Pollution Research," *Ethics, Place, & Environment* 12 (2009): 157-173.

Kevin C. Elliott, "Respect for Lay Perceptions of Risk in the Hormesis Case," *Human and Experimental Toxicology* 28 (2009): 21-26. Also published in the *BELLE Newsletter*, 15 (2009): 15-19, available online at: <http://www.belleonline.com/newsletters.htm>.

Kevin C. Elliott, “A Case for Deliberation in Response to Hormesis Research,” *Human and Experimental Toxicology* 27 (2008): 529-538.

Kevin C. Elliott, “Hormesis, Ethics, and Public Policy: An Overview,” *Human and Experimental Toxicology* 27 (2008): 659-662. Also published in the *BELLE Newsletter*, 14 (2008): 48-50, available online at: <http://www.belleonline.com/newsletters.htm>.

Kevin C. Elliott, “Scientific Judgment and the Limits of Conflict-of-Interest Policies,” *Accountability in Research: Policies and Quality Assurance* 15 (2008): 1-29. Featured in Lila Guterman, “Conflict-of-Interest Policies: Doomed to Fail?” *Chronicle of Higher Education* 54 (Feb. 1, 2008): A4.

Kevin C. Elliott, “Varieties of Exploratory Experimentation in Nanotoxicology,” *History and Philosophy of the Life Sciences* 29 (2007): 311-334.

Charles Bryan, Theresa Call, and **Kevin C. Elliott**, “The Ethics of Infection Control: Philosophical Frameworks,” *Infection Control and Hospital Epidemiology* 28 (2007): 1077-1084.

Kevin C. Elliott, “Norton’s Conception of Sustainability: Political, Not Metaphysical,” *Environmental Ethics* 29 (2007): 3-22.

Kevin C. Elliott, “An Ironic *Reductio* for a Pro-Life Argument: Hurlbut’s Stem Cell Proposal,” *Bioethics* 21 (2007): 99-111.

Kevin C. Elliott, “A Novel Account of Scientific Anomaly: Help for the Dispute Over Low-Dose Biochemical Effects,” *Philosophy of Science* 73 (2006 Proceedings): 790-802.

Kevin C. Elliott, “The Case of Chemical Hormesis: How Scientific Anomaly Shapes Environmental Science and Policy,” in D. Guston and D. Sarewitz (eds.) *Shaping Science and Technology Policy: The Next Generation of Research* (Madison, WI: University of Wisconsin Press, 2006), pp. 124-148.

Kevin C. Elliott, “An Ethics of Expertise Based on Informed Consent,” *Science and Engineering Ethics* 12 (2006): 637-661.

Kevin C. Elliott, “Hormesis and Environmental Policy: An Ethical Analysis,” *Public Affairs Quarterly* 20 (2006): 31-53.

Kevin C. Elliott, “Developmental Systems Theory and Human Embryos: A Response to Austriaco,” *National Catholic Bioethics Quarterly* 5 (2005): 49-59.

Kevin C. Elliott, “Error as Means to Discovery,” *Philosophy of Science* 71 (2004): 1-24.

Kevin C. Elliott, “Biomedical Ethics, Public-Health Risk Assessment, and the Naturalistic Fallacy,” *Public Affairs Quarterly* 16 (2002): 351-376.

Kevin C. Elliott, “Conceptual Clarification and Policy-Related Science: The Case of Chemical Hormesis,” *Perspectives on Science* 8 (2000): 346-366.

Kevin C. Elliott, “A Case for Caution: An Evaluation of Calabrese and Baldwin’s Studies of Chemical Hormesis,” *Risk: Health, Safety, and Environment* 11 (2000): 177-196.

R. G. Rateick, J. L. Routbort, K. R. Karesk, and **Kevin C. Elliott**, “Solid Particle Erosion of Hard Anodised and Uncoated 6061-T651 Aluminium Alloy,” *Materials Science and Technology* 13 (1997): 217-222.

Shorter Pieces (Brief Commentaries, Book Reviews, Letters)

John Besley, Aaron McCright, Joseph Martin, **Kevin C. Elliott**, and Nagway Zahry, “People Don’t Trust Scientific Research When Companies Are Involved,” *The Conversation*, May 7, 2017, available online at:

<https://theconversation.com/people-dont-trust-scientific-research-when-companies-are-involved-76848> and republished by *The Smithsonian*: <http://www.smithsonianmag.com/science-nature/people-dont-trust-scientific-research-when-companies-are-involved-180963251/>

Perspective by **Kevin C. Elliott**: “Effectively Addressing Bias in Risk Assessment Will Require Attention Both to the Nature of Scientific Objectivity and to Public Perception of Research Legitimacy—A Perspective from Academia,” *Environmental Toxicology and Chemistry* 35 (2016): 1073-1074.

Book Review by **Kevin C. Elliott**: *Philosophy and the Precautionary Principle: Science, Evidence, and Environmental Policy*, by Daniel Steel (Cambridge: Cambridge University Press), *Philosophy of Science* 82 (2015): 524-527.

Newsletter piece by Georgina M. Montgomery, **Kevin C. Elliott**, Patricia Soranno, and Kendra Chervuelil: “It’s Good to Share,” for the January 27, 2015, issue of the National Biodiversity Network newsletter. Available online: http://nbn.org.uk/News/Latest-news/Sharing-More-than-Simply-Playing-Nice.aspx?utm_source=eshot&utm_medium=email&utm_campaign=NBN%20eNews%20January%202015

Viewpoint by **Kevin C. Elliott** and David B. Resnik: “Scientific Reproducibility, Human Error, and Public Policy,” *BioScience* 65 (2015): 5-6.

Letter by **Kevin C. Elliott** and David B. Resnik: “Transparency of Values: Response to Schwartz,” *Environmental Health Perspectives* 122 (2014): A291-A292.

Book Review by **Kevin C. Elliott**: *Environmental Health Ethics*, by David Resnik (New York: Cambridge University Press), *Ethics, Policy & Environment* 17 (2014): 238-239.

Commentary by Jeffrey Gimble, Bruce Bunnell, and **Kevin C. Elliott**, “Challenges in Regenerative Medicine: Reimbursement Policies for Experimental Cell Therapies,” *Challenges in Regenerative Medicine* 1 (2014): 35-36.

Op-ed piece by **Kevin C. Elliott** and David B. Resnik: “More Light, Less Heat over Endocrine Disruptors,” *Environmental Health News* (April 21, 2014): <http://www.environmentalhealthnews.org/ehs/news/2014/apr/opinion-scientist-transparency>.

Book Review by **Kevin C. Elliott**: *Legally Poisoned: How the Law Puts Us at Risk from Toxicants*, by Carl Cranor (Cambridge, MA: Harvard University Press, 2011), *Ethics, Policy & Environment* 16 (2013): 226-229.

Viewpoint Commentary by David C. Volz and **Kevin C. Elliott**: “Redefining Risk Boundaries in a Shifting Global Chemical Market,” *Environmental Science and Technology* 47 (2013): 6069-6070.

Letter by Daniel McKaughan and **Kevin C. Elliott**: “Voles, Vasopressin, and the Ethics of Framing,” *Science* 338 (Dec. 7, 2012): 1285.

Viewpoint Commentary by David C. Volz and **Kevin C. Elliott**: “Mitigating Conflicts of Interest in Chemical Safety Testing,” *Environmental Science and Technology* 46 (2012): 7937-7938.

Book Review by **Kevin C. Elliott**: *Technoscience and Environmental Justice: Expert Cultures in a Grassroots Movement*, edited by Gwen Ottinger and Benjamin Cohen (Cambridge, MA: MIT Press, 2011), *Organization and Environment* 25 (2012): 204-206.

Letter by **Kevin C. Elliott**: “Nanotechnology and the Precautionary Principle,” *Environmental Health Perspectives* 119 (2011): A240.

Op-ed piece by **Kevin C. Elliott**: “If low-level exposure to pollutants is good for us, what does that mean for regulations?” *Environmental Health News*, Feb. 23, 2011: <http://www.environmentalhealthnews.org/ehs/editorial/hormesis-op-ed>

Book review by **Kevin C. Elliott**: *Science, Policy, and the Value-Free Ideal*, by Heather Douglas (Pittsburgh: University of Pittsburgh Press, 2009), *Isis* 102 (2011): 204-205.

Book review by **Kevin C. Elliott**: *What is Nanotechnology and Why Does It Matter? From Science to Ethics*, by Fritz Allhoff, Patrick Lin, and Daniel Moore (Oxford: Wiley-Blackwell, 2010), *Studies in Ethics, Law, and Technology* 5 (2011): article 5.

Letter by Chris Haufe, **Kevin C. Elliott**, Richard Burian, and Maureen O'Malley: "Machine Science: What's Missing," *Science* 330 (Oct. 15, 2010): 317-318.

Book review by **Kevin C. Elliott**: *Nature in Common?*, edited by Ben Minteer (Philadelphia: Temple University Press, 2009), *Environmental Ethics* 32 (2010): 79-84.

Book review by **Kevin C. Elliott**: *Rebels, Mavericks, and Heretics in Biology*, edited by Oren Harman and Michael Dietrich (New Haven: Yale University Press, 2008), *History and Philosophy of the Life Sciences* 31 (2009): 495-496.

Encyclopedia article by **Kevin C. Elliott**: "Pollution," in J. B. Callicott and R. Frodeman (eds.) *Encyclopedia of Environmental Ethics and Philosophy*, (Farmington Hills, MI: Macmillan Library Reference, 2009): 158-162.

Book review by **Kevin C. Elliott**: *Nanoethics: The Ethical and Social Implications of Nanotechnology*, edited by F. Allhoff, P. Lin, J. Moor, and J. Weckert (Hoboken, NJ: Wiley, 2007), *Philosophy of Science* 75 (2008): 405-409.

Book review by **Kevin C. Elliott**: *Taking Action, Saving Lives: Our Duties to Protect Environmental and Public Health*, by Kristin Shrader-Frechette (New York: Oxford University Press, 2007), *Philosophy of Science* 75 (2008): 249-251.

Letter by **Kevin C. Elliott**: "Kevin Elliott Replies," *National Catholic Bioethics Quarterly* 5 (2005): 227-228.

Presentations

TBA, invited presentation for a roundtable session, "Bias and Conflict of Interest in Conducting Research and Risk Assessments: Perspectives from Academia, Government, Industry, and Others," at the Society for Toxicology Meeting, Baltimore, March 2017.

"Navigating Financial Conflicts of Interest in Research," AAAS Meeting, Boston, February 2017.

"Values in Science: How to Throw Out the Bathwater and Keep the Baby," Oakland University, February 2017.

"Turning Research Ethics Outward: Navigating Value-Laden Science," invited lecture for Ethics Day at the National Institute of Environmental Health Sciences, December 2016.

Panelist for workshop, "Personal Environmental Exposure Measurements: Making Sense and Making Use of Emerging Capabilities," for National Academy of Sciences, Committee on Emerging Science for Environmental Health Decisions, November 2016.

"Improving Industry-Funded Research with Criteria for Objectivity," as part of a symposium on "Getting Down to Business: Problems and Solutions for Industry-Funded Research" for the 2016 Biennial Meeting of the Philosophy of Science Association, Atlanta, GA, November 2016.

(with Dan Hicks as the lead presenter) "A Taxonomy of Wishful Thinking," as part of a symposium on "The Problem of Wishful Thinking," for the 2016 Biennial Meeting of the Philosophy of Science Association, Atlanta, GA, November 2016.

"Values in Science: How to Throw Out the Bathwater and Keep the Baby," presentation for MSU Philosophy Department, October 2016.

“Values in Science: How to Throw Out the Bathwater and Keep the Baby,” invited Fay Horton Sawyer Philosophy lecture in Science, Technology, and Society at the Illinois Institute of Technology, September 2016.

“The Role of Transparency in Addressing Science and Values,” as well as a presentation on my book in progress, “A Tapestry of Values,” at the SRPoiSE conference, University of Texas at Dallas, May 2016.

(with Isis Settles, Sheila Brassel, Kendra Cheruvelil, Georgina Montgomery, and Pat Soranno) “The Dark Side of Inclusivity: Problematizing Authorship Practices in Interdisciplinary Teams,” for the Science of Team Science conference, Phoenix, AZ, May 2016.

(with Kathy Robinson, who presented the paper), “Environmental Aesthetics, Ethics, and Oil Drilling,” for a conference on Environmental Aesthetics and Ethics at Indiana University, May 2016.

“The Importance of Transparency for Science and Values,” invited keynote presentation for the University of Washington Graduate Student conference, Seattle, WA, March 11-12, 2016.

“Public Perceptions of Industry-Funded Safety Studies: Challenges and Suggestions,” invited presentation at the Bayer CropScience, Research Triangle Park, NC, February 22, 2016.

(with John Besley, Norbert Kaminski, Joe Martin, and Aaron McCright) “Introduction to Industry/Citizen Research Collaborations,” Collaboration Conundrum: Special Interests and Scientific Research Conference, University of Notre Dame, November 2015.

(with John Besley, Norbert Kaminski, Joe Martin, Aaron McCright, and Tsuyoshi Oshita) “Identifying Conditions for the Legitimacy of Industry-Funded Research,” Society for Environmental Toxicology and Chemistry (SETAC) Meeting, Salt Lake City, Utah, November 2015.

(with Cheryl Murphy) “Consideration of Social Issues for Advancing Adverse Outcome Pathways for Risk Assessment,” Society for Environmental Toxicology and Chemistry (SETAC) Meeting, Salt Lake City, Utah, November 2015.

“University-Industry Partnerships: Identifying Concerns and Developing Practices,” Neo-Liberalism and Higher Education Conference, Michigan State University, March 2015.

(with Kendra Cheruvelil, Georgina Montgomery, and Pat Soranno) “Exploratory Analysis and Big Data,” at the Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE) conference, Detroit, March 2015.

(with Kendra Cheruvelil, Georgina Montgomery, Isis Settles, and Pat Soranno) “STEP (Science Teams’ Effective Practices,” at the SRPoiSE conference, Detroit, March 2015.

“Economic Impacts on Evidence: An Overview of Problems and Solutions,” invited presentation for a session on “The Effect(s) of the Economy on Science and Scientific Evidence,” annual meeting of the Association of American Law Schools, January 2015.

“Communicating Science on Socially Relevant Topics,” show-and-tell presentation with Daniel McKaughan at the PSA meeting, Chicago, IL, November 2014.

“Engines of Knowledge or Merchants of Doubt: Can We Trust Industry-Funded Science?” for Lyman Briggs College Speaker Series, Michigan State University, October 2014.

“Anthropocentric Indirect Arguments for Environmental Protection,” International Society for Environmental Ethics Annual Conference, Allenspark, CO, June 2014.

“Moral Molecules and Love Drugs? Backtracking and Science Communication,” for the 2014 Iowa State Summer Symposium on Science Education, June 2014.

“Love Drugs, Cheating Genes, and the Ethics of Science Communication,” invited Annual STS Lecture at St. Thomas University, New Brunswick, CA, March 2014; available online at: <http://www.youtube.com/watch?v=-I2TI9csYg>

Participant on the panel “A New Paradigm for Graduate Education,” Association for Practical and Professional Ethics Conference, Jacksonville, FL, February 2014.

“Is a Little Pollution Good For You? How the Humanities Can Contribute to Science and Policy,” invited talk for the Humanities Center at Washington State University, January 2014.

“Addressing the Science/Policy Interface in Public Health Research,” talk for a group in the USC School of Public Health, October 2013.

“Financial Conflicts of Interest and Scientific Standards,” workshop on standards at Michigan State University, September 2013.

(with Daniel McKaughan), “Non-Epistemic Values and the Multiple Goals of Regulatory Science,” State’s Stakes in Science workshop, Bielefeld, Germany, July 2013.

(with Daniel McKaughan), “Non-Epistemic Values and the Multiple Goals of Science,” Society for Philosophy of Science in Practice conference, Toronto, CA, June 2013.

“Financial Conflicts of Interest and Criteria for Research Credibility,” invited presentation for the Society for Philosophy of Science in Practice pre-conference workshop on “Science, Policy, Values” at the University of Toronto, Ontario, CA, June 2013.

(with Daniel McKaughan), “Non-Epistemic Values and the Multiple Goals of Science,” Cognitive Attitudes and Values in Science workshop, Notre Dame, IN, June 2013.

“Financial Conflicts of Interest and Criteria for Research Credibility,” invited speaker for UCSD Science Studies Colloquium, San Diego, March 2013.

Invited commentator for an Author Meets Critics session on Carl Cranor’s book, *Legally Poisoned*, Central APA, New Orleans, February 2013.

Invited commentator for a session on Modeling and Climate Change, Eastern APA, Atlanta, December 2012.

(with David Willmes), “Propositional Attitudes and Values in Science,” biennial PSA meeting, San Diego, November 2012.

“Wetlands as Technoscientific Objects,” invited presentation for the second workshop of the Genesis and Ontology of Technoscientific Objects (GOTO) project, France, October 2012.

“Themes in U.S. Responses to Nanotechnology,” S.NET conference, University of Twente, Netherlands, October 2012.

“Financial Conflicts of Interest and Criteria for Research Credibility,” invited presentation at the University of Cincinnati Colloquium on Socially Engaged Philosophy of Science, October 2012.

“Anthropocentric Indirect Arguments for Environmental Protection,” invited colloquium series presentation at Kansas State University, September 2012.

“Roles for Social Values in Research on Emerging Pollutants,” invited keynote lecture at the conference on “Emerging Pollutants: Bridging Science to Decision Making and Public Demand,” Montpellier, France, June 2012.

“Is a Little Pollution Good for You? Ethics and Value Judgments in the Environmental Health Sciences,” invited presentation at the National Institute of Environmental Health Sciences, May 2012.

“The Role of Value Judgments in Policy-Relevant Environmental Research,” invited presentation at the Karbank Symposium for Environmental Philosophy as part of the Boston Colloquium for Philosophy of Science at Boston University, May 2012.

“Constraining and Steering Values in Science,” invited keynote speaker at the Science-Policy Interactions and Social Values Conference at the University of Texas-Dallas, April 2012.

“Selective Ignorance in Research on Agriculture and Food Systems,” presented at the Healthy Eating in Context: Local Solutions, Global Challenges symposium at the University of South Carolina, March 2012.

“The Ethical Challenge of Conflicts of Interest in Scientific Research,” invited lecture as the Jackson Center Visiting Ethicist for Coastal Carolina University, March 2012.

“Criteria for the Credibility of Environmental Research,” invited presentation at Michigan State University, January 2012.

“The Nature and Significance of Selective Ignorance in Scientific Research,” invited presentation at Michigan State University, October 2011.

“The Nature and Significance of Selective Ignorance in Environmental Research,” invited presentation on Environmental Sciences at the 14th International Congress for Logic, Methodology, and Philosophy of Science, Nancy, France, July 2011.

“Epistemic and Methodological Iterativity in Nanoscale Science and Technology,” presented at the 3rd annual meeting of the Society for Philosophy of Science in Practice, Exeter, June 2011.

“Selective Ignorance in Agricultural Research,” invited presentation at GenØk Center for Biosafety, Tromsø, Norway, June 2011.

“Selective Ignorance in Agricultural Research,” invited presentation at the University of Twente, Netherlands, June 2011.

“Direct and Indirect Roles for Values in Science,” invited presentation for the Kolloquium Neue Themen der Wissenschaftstheorie, Bielefeld University, Germany, June 2011.

“The Nature and Significance of Selective Ignorance in Scientific Research,” invited presentation for the “Science versus Democracy?” workshop at the University of Ghent, Belgium, June 2011.

“Wetlands, Hormetic Agents, and Endocrine Disruptors,” invited presentation for a workshop on the Genesis and Ontology of Technoscientific Objects, Basel, Switzerland, June 2011.

“Selective Ignorance: Causes, Effects, and Responses,” invited presentation at a conference on Agnotology, organized by Martin Carrier and Janet Kourany, Bielefeld, Germany, May 2011.

“Selective Ignorance: Causes, Effects, and Responses,” TRiP Conference on Science, Knowledge, and Democracy, Columbia, SC, April 2011.

“Successful and Unsuccessful Efforts at Interdisciplinary Philosophy: What’s the Difference?” New Practices in Philosophy: Taking Philosophy Beyond Disciplinary Bounds conference at the University of North Texas, March 2011.

Chair and organizer for the session, “Values in Science and Public Policy: Building on Heather Douglas’s *Science, Policy, and the Value-Free Ideal*,” symposium at the biennial PSA meeting, Montreal, November 2010.

“Epistemic and Methodological Iterativity in Nanotoxicology,” invited presentation at a workshop as part of a year-long project on “Rupture and Flow: The Circulation of Technoscientific Facts and Objects,” Indiana University, October 2010.

“Uncertainty and Probability in Risk Assessment for Emerging Technologies,” presentation with Michael Dickson at the second annual S.NET (Society for the Study of Nanoscience and Emerging Technologies) meeting, Technical University of Darmstadt, Germany, September 2010.

“The Ethics of Food,” invited presentation for the USC, Aiken, Biology/Geology fall seminar series and Inter-Curricular Enrichment (ICE) Program, September 2010.

“Geoengineering and the Precautionary Principle,” Annual Meeting of the Society for Applied Philosophy, Oxford University, July 2010.

“Social and Ethical Issues in Defining Nanotechnology,” invited presentation at a workshop on Developing a Science-Based Definition of Nanotechnology for Regulatory Purposes, University of Notre Dame, May 2010.

“Incorporating Societal Values in Environmental Research,” invited presentation for the USC School of the Environment Colloquium series, February 2010.

“The Plant a Row Project,” invited presentation at the Sustainability of SC Local Food Systems Workshop, Columbia, SC, January 2010.

“Value Judgments, Ethics, and LCA of Nanomaterials,” invited presentation at the NSF-EPA sponsored workshop, “Life Cycle Aspects of Nanoparticles, Nanostructured Materials, and Nanomanufacturing: Problem Definitions, Data Gaps, and Research Needs,” Chicago, November 2009.

“‘Precautionary Science’ and the Identification of Nanotechnology Risks,” Humanities and Technology Association Conference, Charlottesville, VA, September 2009.

“‘Precautionary Science’ and the Identification of Nanotechnology Risks,” Society for the Study of Nanoscience and Emerging Technologies Conference, Seattle, WA, September 2009.

“The Ethical Significance of Language in the Environmental Sciences: Case Studies from Pollution Research,” ISHPSSB Meeting, Brisbane, Australia, July 2009.

“Democratizing University Science: The Limits of Conflict-of-Interest Policies,” Science and Values: The Politicisation of Science Conference, Bielefeld, Germany, May 2009.

“Precautionary Science and Nanotoxicology,” at the Technical University of Darmstadt, Germany, May 2009.

“Scientific Judgment and the Limits of Conflict-of-Interest Policies,” Feminist Epistemology, Methodology, Metaphysics, and Science Studies (FEMMSS) Conference, Columbia, SC, March 2009.

“From the Precautionary Principle to Precautionary Science,” invited guest lecture at the College of Charleston, Charleston, SC, March 2009.

(with Daniel McKaughan) “How Values in Scientific Discovery and Pursuit Alter Theory Appraisal,” 21st Biennial Meeting of the Philosophy of Science Association, Pittsburgh, PA, November 2008.

“Reconceptualizing Anomalies,” in the workshop entitled “Anomaly in Contemporary Philosophy of Science” at the 21st Biennial Meeting of the Philosophy of Science Association, Pittsburgh, PA, November 2008.

“Fuel Cells, Global Warming, and the Ethics of Expertise,” Human Flourishing and Restoration in the Age of Global Warming conference, Clemson University, September 2008.

“Philosophical Debates about Policy Making and Public Perceptions of Risk: Roles for Empirical Research,” Communicating Health and Safety Risks on Emerging Technologies in the 21st Century, North Carolina State University, August 2008.

“Three Lessons from Evaluating the Evidence for Hormesis,” invited presentation at a workshop, “Philosophy of Science and Evidence Relevant for Regulation & Policy,” Virginia Tech University, June 2008.

Member of roundtable on “Environment, Technology, and Ethics,” Ethics in Emerging Technologies Symposium, University of North Carolina at Charlotte, April 2008.

“Hydrogen Fuel Cells, Energy Policy, and the Ethics of Expertise,” Energy & Responsibility conference, University of Tennessee, April 2008.

“Philosophy of Science, Policy, and Pollution Research,” invited presentation at the APA Mini-Conference, “Making Philosophy of Science More Socially Relevant,” Pacific APA Meeting, March 2008.

“Ethical and Social Values in Nanotoxicology,” invited presentation at the 2nd Workshop of the Nano Ethics Network, Aarhus, Denmark, November 2007.

“Varieties of Exploratory Experimentation in Nanotoxicology,” International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB) Conference, Exeter, UK, July 2007.

“Exploratory Experimentation and Nanotoxicology,” Society for Philosophy and Technology Conference, Charleston, SC, July 2007.

“Contextual Values and the Language of Environmental Science: An Opportunity for Environmental Citizenship?,” 32nd Annual Richard Baker Colloquium at the University of Dayton, October 2006.

“Norton’s Conception of Sustainability: Political Not Metaphysical?” Globalization, Environmental Ethics and Environmental Justice conference at Michigan State University, August 2006.

“Comments on Norton’s *Sustainability*,” response to a lecture by Bryan Norton at the University of South Carolina, March, 2006.

“Contextual Values and Anomalies: The Case of Multiple Chemical Sensitivity,” Philosophy of Medicine Workshop, University of Alabama, Birmingham, November 2005.

“Anomaly Characterization and Mechanistic Explanation in Biology: A Dialectical Path Toward Discovery,” International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB) Conference, Guelph, Ontario, July 2005.

“Ethics, Embryos, and Epigenesis: Valuation of the Human Embryo in Light of Epigenetic Research,” 32nd Annual Conference on Value Inquiry: “Reason and Evaluation,” Louisiana State University, Baton Rouge, LA, April, 2005.

“A Novel Account of Scientific Anomaly: Implications for Environmental Ethics and Policy,” University of South Carolina Philosophy Department Colloquium, January 2005.

“Analysis of Anomaly in Scientific Controversy: Help for the Dispute Over Low-Dose Biochemical Effects,” in the symposium entitled “Can Philosophy of Science Offer Help in Resolving Contemporary Biological Controversies?” at the 19th Biennial Meeting of the Philosophy of Science Association, Austin, TX, November 2004.

“A Novel Account of Scientific Anomaly: Implications for Ethics, Policy, and Scientific Discovery,” Louisiana State University Philosophy Department Discussion Series, October 2004.

“Scientific Controversy and the Responsibilities of Experts: Hormesis as a Case Study,” peer-reviewed poster at the Gordon Conference on Science and Technology Policy, Big Sky, Montana, August 2004.

“The Role of Anomaly in Scientific Discovery: Lessons from Contemporary Toxicology,” University of Cincinnati Philosophy Department Colloquium, January 2003.

“Evolving Policy in the Face of Changing Science: Chemical Hormesis and Lessons from Contemporary Toxicology,” Research Symposium with the Next Generation of Leaders in Science and Technology Policy, funded by the National Science Foundation and co-sponsored by the American Association for the Advancement of Science, Washington, D.C., November, 2002.

“Appeals to the ‘Natural’ in Biomedical Ethics: Lessons from Willowbrook and Tuskegee,” 30th Annual Conference on Value Inquiry: “Values in Health Care: Past, Present and Future,” Center for Bioethics, Milwaukee, WI, April, 2002.

“Error as Means to Discovery,” International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB) Conference, Quinnipiac College, CN, July, 2001.

“Whewell’s Response to Darwinism as an Entrée into His Philosophy of Science: An Introductory Exploration,” Mephistos 2001 History of Science Conference at the University of Notre Dame, March, 2001.

“Chemical Hormesis: Assessing the Warrant for Policy-Driven Science,” 17th Biennial Meeting of the Philosophy of Science Association, Vancouver, BC, November, 2000.

Teaching:

Michigan State University:

Advising:

Advised two Social Science Scholars students, Manny Alalouf and Alex Federau, throughout calendar year 2015 to write a significant research paper on industry-funded research.

Met biweekly in fall 2015 with an MSU employee to help him develop a writing sample for application to graduate school in Philosophy at MSU

Advisor for undergraduate HPS majors in LBC

Member of graduate committee for FW PhD student Remington Moll

Courses:

LB 133: Introduction to History, Philosophy, and Sociology of Science

LB 334: Science, Technology, and Public Policy

LB/MC 459: STEPPS Capstone (Public-Interest Science; Values in Science)

LB 492: Senior Seminar (Money and Science)

FW 439: Conservation Ethics

FW 893: Graduate Seminar (Philosophy of Environmental Science)

Other Activities:

Organized a session on “Exploring Inductive Risk” for the 2016 meeting of SRPoiSE

University of South Carolina:

Advising:

Katherine Robinson, philosophy Ph.D. student, directed the dissertation, “The Moral Significance of Environmental Aesthetics and Its Importance in Environmental Decision Making and Policy Setting,” graduated December 2009.

Jim Johnson, philosophy MA student, directed the thesis, “Plantinga’s Theistic Science: Roles for Theistic Aims in Scientific Practice,” graduated December 2008

Independent studies for undergraduate students Josh Call, Conor McFadden and Adela Brooks Yelton, and graduate students Victoria Kramer, Ismael Perez, Travis Rieder, and Michael Spicher

Advised undergraduate “nanoscholars” Josh Call and Conor McFadden

Directed undergraduate Honors theses for Kaitlin Duffey and Katie Mulligan (2008-2009), for Sydney Daigle (2009-2010), for Tara Tae (2010-2011), for McKenzie Sacchet (2012-2013); served as second reader for Sam Johnson and Andrew Bowden (2011-2012), for Tyler French and Charlotte Barr (2012-2013)

Advised undergraduate Haley Rabic under a Magellan Undergraduate Research grant from summer 2013 through fall 2014; she received first place in social sciences for her presentation at USC Discovery Day

Served as a faculty advisor for the Ronald E. McNair Post-Baccalaureate Achievement Program in summer 2012; advisees Adam Port and Margaret McCoy both received 2nd place awards in their categories at the SAEOPP McNair Conference in Atlanta, Adam Port received the McNair Distinguished Scholar Award, and Adam’s paper “What in the Fukushima Should We Do? Analyzing the Costs of the Fukushima Daiichi Disaster and Japan’s Reactions,” was accepted for publication in USC’s undergraduate research journal *Caravel*.

Served on dissertation committees for Yeuncheol Jeong, Stephen Everett, Benjamin Haywood (outside reader), Michael Spicher, and Kevin Trumpeter (outside reader)

Courses:

SCHC 359K: Ethics of Food

PHIL/ENVR 835: Seminar in Environmental Ethics

PHIL 524: Philosophy of Biology

PHIL 514: Ethical Theory

PHIL 341: Environmental Ethics

PHIL 317: Science and Engineering Ethics

PHIL 111: Inductive Logic

PHIL 101A: Ethics of Food

Other Activities:

Received a \$10,000 grant with Erin Connolly and Steve Kresovich (Biological Sciences) to develop an overlay course on agriculture and ethics

Received a \$3,500 USC Center for Teaching Excellence Grant, Summer 2007, to explore strategies for teaching in an inquiry-based format.

Proposed a new course listing, PHIL 524: Philosophy of Biology

Spearheaded a “Plant a Row for the Hungry” campaign in Columbia, SC, with community member Ryan Nevius, and used it as an opportunity for service learning in a PHIL 101A (Ethics of Food) course and for several Honors College theses

Louisiana State University:

Advising:

Whitney Broussard (Ph.D. August 2008, Department of Oceanography and Coastal Studies), member of general examination and thesis committee

Robby Burleigh (M.A. December 2006), directed his thesis, “Evaluating Miriam Solomon’s *Social Empiricism: The Environmental Endocrine Hypothesis*”

Jonathan Tall (M.A. May 2006), directed his thesis, “Informed Decision Making”

Robert Rose (M.A. December 2005), directed his thesis, “Three Views of Anomaly and Their Heuristic Utility”

Courses:

PHIL 7901: Value Judgments in Scientific Reasoning

PHIL 3020: Special Topics: Ethics and Values in Conservation Biology (received \$5,500 grant from the LSU Learning Community Council to develop the class as a linked course with BIOL/ENTM 4015, “Conservation Biology”

PHIL 3020: Special Topics: Philosophy of Biology

PHIL 2025: Bioethics

Lecture Series:

Scientific Research Ethics (20 seminars for postdoctoral researchers at Pennington Biomedical Research Center)

University of Notre Dame:

Courses:

MEES 608: Theories of Science/Values in the Practice of Science (summer course taught at the Chesapeake Biological Laboratory of the University of Maryland)

PHIL 241: Ethics (received Kaneb Center Outstanding Graduate Instructor Award)

PHIL 101: Introduction to Philosophy

Service:

Michigan State University:

Service to the University and Profession:

- Member of the Organizing Committee for the Knowledge from the Margins conference at MSU in August 2015. Wrote up a report on the final environmental justice tour, available on the web: http://www.lymanbriggs.msu.edu/news_and_events/2015/GreenTour.cfm
- Member of the Poster Committee for the 2016 Biennial Meeting and the Program Committee for the 2014 Biennial Meeting of the Philosophy of Science Association
- Associate Editor for the journal *BMC Medical Ethics* from September 2015-present; member of the Editorial Board for the journal *Ethics, Policy, & Environment* (formerly *Ethics, Place, & Environment*) from Jan. 2011-present and for the journal *Accountability in Research* from May 2012-present
- Co-organized conference sessions: “Exploring Inductive Risk” for SRPoiSE meeting in May 2016 and “Values, Risk, and Scientific Practice” for the PSA Meeting in November 2016
- Member of Search Committees for Fixed-Term LBC hires, spring 2014, and Philosophy of Neuroscience, 2014-2015
- Member of the Briggs EPC Committee (2014-2015), Fisheries and Wildlife Awards Committee (2015-present), University Council/Faculty Senate (2015-present)
- Ad hoc reviewer (at LSU, USC, and MSU) for *Academic Medicine*; *British Journal for the Philosophy of Science*; *Environmental Health Perspectives*; *European Journal for Philosophy of Science*; *Higher Education Policy*; *The Lancet*; *Nanoethics*; *Philosophy of Science*; *Philosophy and Technology*; *Public Affairs Quarterly*; *Science and Public Policy*; *Science of the Total Environment*; *Social Science and Medicine*; *Studies in Ethics, Law, and Technology*; *Studies in History and Philosophy of Science*; *Synthese*; *Techne*; *Technology and Culture*; *Theoretical Medicine and Bioethics*; *Journal of Evaluation in Clinical Practice*; for special issues of *Foundations of Science*; *Studies in History and Philosophy of Biological and Biomedical Sciences*; and *Journal of General Philosophy of Science*; proceedings for a conference at the University of Gent, Belgium; the Research Foundation of Flanders; and the National Science Foundation.

Community Service/Outreach:

- Member of the United States National Advisory Environmental Health Sciences Council, U.S. Department of Health and Human Services, March 2014 – November 2017
- Lectures to combined university and public groups at Washington State University and University of St. Thomas (New Brunswick) in spring 2014, as well as a radio interview for the Canadian Broadcasting Company

University of South Carolina:

Service to the University and Profession:

- Reviewed a manuscript for Cambridge University Press, 2011; reviewed proposals for manuscripts for Oxford University Press in 2010 and 2011 and for Cambridge University Press in 2013; reviewed a manuscript for Wiley-Blackwell in 2009
- Reviewer for an NSF funded course, “Addressing Ethical Issues in the Natural Course of Research” (2012 and 2013) at Illinois Institute of Technology

- Outside reviewer for tenure files in Fall 2011 and Fall 2012.
- Co-organized the TRiP (Three Rivers Philosophy) Conference at USC on “Science, Knowledge, Democracy” in Spring 2011; co-organizer for the “Cognitive Attitudes and Values in Science” conference at the University of Notre Dame in Summer 2013.
- Member of the Programme Committee for the European Philosophy of Science Association meeting, Helsinki, Finland, 2013; member of the program committee for the Science-Policy Interactions and Social Values Conference at the University of Texas-Dallas, April 2012; co-organizer of the 2011 USC TRiPS Conference on the theme “Science, Knowledge, and Democracy”; reviewer for papers submitted to the 2007 South Carolina Society of Philosophy Conference; organized a session (titled “Anomaly Analysis and Resolution in Biology”) for the 2005 ISHPSSB conference in Guelph, Ontario, a session (titled “Exploratory Experimentation in the Life Sciences”) for the 2007 ISHPSSB conference in Exeter, UK, organized a workshop (titled “Anomaly in Contemporary Philosophy of Science”) for the 2008 Philosophy of Science Association meeting in Pittsburgh, PA, co-organized a session (titled “Values in Environmental Science and Policy”) for the 2009 ISHPSSB conference in Brisbane, Australia, organized a symposium (titled “Values in Science and Public Policy: Building on Douglas’s *Science, Policy, and the Value-Free Ideal*”) for the 2010 PSA conference in Montreal, Canada, and co-organized a session (titled “Forms of Iterativity in Scientific Practice”) for the 2011 SPSP conference in Exeter, UK.
- Director of Graduate Studies, USC Philosophy Department, Spring 2010.
- Director of Undergraduate Advising, USC Philosophy Department, Fall 2007.
- Member of numerous committees: Advisory Committee for the USC School of Earth, Ocean, and Environment, Fall 2011-2012; Search Committee for the USC Vice President for Research, summer 2011; faculty oversight committee for the VPR’s Sustainability Initiative, Spring 2011; First Year Reading Experience Organizing Committee, Spring 2011; Program Committee for the Society of NanoScience and Emerging Technologies Conference, held in Seattle, WA, Sept. 2009; review committee for the ISHPSSB Marjorie Grene Prize, 2007, 2009, and 2011; ISHPSSB Membership Development Committee, 2007-2009; Graduate Committee for the Department of Philosophy, USC, Fall 2006 to the present; Michael J. Mungo Undergraduate Teaching Awards Committee, Summer 2010-2012; USC Farmer’s Market advisory committee, January 2010-2012; Awards Committee for the USC Department of Student Life, Spring 2010-2012; USC Udall Selection Committee, 2007-present; search committee for Bioethics and Philosophy of Medicine hire, USC, 2006-2007 academic year; search committee for Philosophy of Science hire, USC, 2007-2008 academic year; search committee for Philosophy of Science hire, USC, 2011-2012 academic year.
- Delivered teaching presentations for the USC Center for Teaching Excellence in Fall 2010 and Spring 2011, and a presentation for the Spring 2011 Sustainable Carolina event on teaching sustainability across the curriculum.
- Delivered guest lectures in numerous courses: “Animal Ethics” for two of Elise Blackwell’s English classes (Fall 2010); “Sustainability,” “Food and Population,” and “Environmental Ethics” for ENVR 501S, “Introduction to Sustainability” (Fall 2010, Fall 2011); “Science and Philosophy” (Fall 2008, Spring 2009, Fall 2009, Spring 2010, Fall 2010, Spring 2011; Fall 2011) for STEM 101, Concepts and Connections in Science, Technology, and Engineering, coordinated by Loren Knapp and taught as part of an NSF grant designed to interest students at USC in science and engineering; “Ethics” (Fall 2008) for ENCP-105, Introduction to Engineering for Capstone Scholars, taught by John Weidner; “Philosophy and Risk Assessment” for ENHS 772, Human and Ecological Risk Assessment (Fall 2011), taught by David Volz; “Environmental Ethics” (Fall 2008, Fall 2010, Fall 2011) and “Organic Food” (Fall 2008) for POLI/ENVR 121, Green Explorations, taught by David Whiteman; “Ethical and Social Values in Nanotoxicology” (Fall 2008, Fall 2009) for ENHS 774, Environmental Toxicants, taught by Tara Sabo-Attwood; “Ethics of Climate Change” (Fall 2009, Fall 2010) for ENVR 800, taught by Cinnamon Carlarne; “Environmental Ethics” (Fall 2010) for ENVR 101, Introduction to the Environment, taught by Cinnamon Carlarne

Community Service:

- Speaker on my book, *Is a Little Pollution Good for You?*, Science Café of Columbia, SC, November 2011.
- Speaker on “Is a Little Pollution Good for You?” for the Columbia area Sierra Club, in conjunction with Sustainable Carolina, April 2011.

- Speaker on the “Ethics of Food” and “Why Should We Care about Nature?” for the Quail Hollow Garden Club (Lexington County, SC), April 2011 and April 2012.
- Member of the South Carolina Food Policy Council, 2009-2012.
- With community member Ryan Nevius, organized four Honors College students and 75 Ethics of Food students to participate in the Plant a Row for the Hungry campaign started in Columbia, Spring 2009.
- Speaker for the South Carolina Citizen’s School on the Environment, April 2008.
- Speaker for the South Carolina Citizen’s School of Fuel Cell and Hydrogen Technology, March 2007.
- Member of Senior Exhibition Committee for Brantley Pruitt of Heathwood Hall Episcopal School, Columbia, SC, during the 2006-2007 academic year and for Leigh Yarborough during the 2010-2011 academic year.

Louisiana State University

Service to the University and Profession:

- Member of the Steering Committee of the LSU Collegium for Science and Religion, 2004-2006.
- Faculty advisor for the Science and Religion Student Dialogue at LSU, winner of the Most Outstanding New Student Organization Award, for the 2004-2006 school years.
- Member of Pennington Biomedical Research Center Institutional Review Board, 2004-2006.
- Member of Pennington Biomedical Research Center Stem Cell Group, a faculty committee created to formulate a position statement on human embryonic stem-cell research and cloning and to advise legislators regarding state legislative initiatives, 2004-2006.

Community Service:

- Lecture on “Facing the Challenges of Being a Twenty-First Century Physician” for the LSU Pre-Medical Society Induction Dinner, May 2, 2006.
- Lectures on “Stem Cells, Cloning, and Biomedical Ethics” and “Philosophy, Public Policy, and Scientific Uncertainty” for the Louisiana State University Philosophy Club, November 7, 2004 and April 27, 2006.
- Lecture on “Bioethics and Science Policy: Stem Cells and Cloning” for two Louisiana State University clubs: Students for Science and Policy and Atheists, Humanists, and Agnostics of LSU, October 26, 2004.
- Lecture on a learning community titled “Scientific and Ethical Foundations of Conservation Biology” for the Louisiana State University Learning Communities Council, October 5, 2004.
- Lecture on “Ethical Issues in Human Embryo Research” for the Louisiana State University Stem Cell Interest Group, September 20, 2004.
- Lecture on “Ethical Issues in Medical Research” for the Pennington Biomedical Research Center Summer Program for New Employees, August 3, 2004.
- Lectures on “Euthanasia and Physician-Assisted Suicide,” “The Ethics of Organ Donation,” “Stem Cells, Cloning, and Biomedical Ethics,” “Autonomy and Patient Decision-Making,” “Research Ethics,” and “Withholding and Withdrawing Medical Treatment” for the Family Medicine Residency Program at the Baton Rouge General Medical Center, April 30, 2004, July 30, 2004, October 29, 2004, April 29, 2005, June 10, 2005, and September 30, 2005.
- Lecture on professional ethics for an LSU Agriculture Center Distance Education event, “What Kind of People Do We Want to Become?”, May 6, 2004.