

Kevin C. Elliott

Affiliations: (1) Lyman Briggs College; (2) Dept. of Fisheries and Wildlife; (3) Dept. of Philosophy
Michigan State University

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Academic Specializations

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

Employment

- Jan. 2014 – Present Michigan State University: Lyman Briggs College; Department of Fisheries and Wildlife;
Department of Philosophy
- Professor, July 2019 – Present
 - Associate Professor, Jan. 2014 – June 2019
- Aug. 2006 – Dec. 2013 University of South Carolina, Department of Philosophy
- Associate Professor, Jan. 2010 – Dec. 2013
 - Faculty Principal (coordinator of activities for an educationally-themed residence hall), 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, Dept. of Philosophy, Aug. 2005 – May 2006
 - Assistant Professor, Pennington Biomedical Research Center (PBRC), Jan. 2005 - August 2005
 - Instructor, Dept. of Philosophy and PBRC, Jan. 2004 – Dec. 2004

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)

Honors and Awards

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

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

Invited member, **U.S. National Advisory Environmental Health Sciences Council** (the advisory board for the National Institute of Environmental Health Sciences), September 2014 – Feb 2018.

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

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

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

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

Award for Teaching by a Graduate Student in 2003 from the University of Notre Dame (given by the university’s Alumni Association annually to one graduate student)

Publications

Books (Authored)

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

- Reviewed in *Acta Baltica Historiae Et Philosophiae Scientiarum*; *BioScience*; *Integrated Environmental Assessment and Management*; *Metascience*; *Metapsychology Online Reviews*; *Science and Education*
- Subject of a Book Symposium in *Philosophy, Theory, and Practice in Biology*, available at: <https://quod.lib.umich.edu/cgi/t/text/text-idx?c=ptb;c=ptpbio;page=home;xc=1;g=ptpbio>

1. **Kevin C. Elliott**, *Is a Little Pollution Good for You? Incorporating Societal Values in Environmental Research*. New York: Oxford University Press, 2011

- Reviewed in *BioScience*; *Environmental Ethics*; *Notre Dame Philosophical Reviews*; *Philosophy of Science*; *Studies in Ethics, Law, and Technology*; *Tijdschrift voor Filosofie*

Books (Edited)

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

- Reviewed in *British Journal for the Philosophy of Science*; *History of Philosophy of Science*; *Metascience*; *Journal of Moral Philosophy*; *Science & Education*

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

- Reviewed in *Metapsychology Online Reviews*; *Kennedy Institute of Ethics Journal*

Journal Issues/Sections (Edited)

8. **Kevin C. Elliott** (editor), *Proceedings of the 2018 Biennial Meeting of the Philosophy of Science Association. Part II: Symposium Papers*. Forthcoming in *Philosophy of Science*, Vol. 87, No. 5 (December 2020).

7. **Kevin C. Elliott** (editor), *Proceedings of the 2018 Biennial Meeting of the Philosophy of Science Association. Part I: Contributed Papers*. In *Philosophy of Science*, Vol. 86, No. 5 (December 2019).
6. Yann Devos, **Kevin C. Elliott**, and Tony Hardy (editors), special issue of *EFSA Journal* based on the European Food Safety Authority's 2018 Science, Food, and Society Conference, Vol. 17, No. S1 (May 2019). Available online at: <https://efsa.onlinelibrary.wiley.com/toc/18314732/2019/17/S1>
5. **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)
4. **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)
3. **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)
2. **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)
1. **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>

Journal Articles (Submitted)

2. **Kevin C. Elliott**, "Framing Conservation: "Biodiversity" and the Values Embedded in Scientific Language," *Environmental Conservation*, revise and resubmit.
1. David B. Resnik and **Kevin C. Elliott**, "Science, Values, and the New Demarcation Problem," *Studies in History and Philosophy of Science*, submitted.

Journal Articles (Peer Reviewed)

65. Kathryn Plaisance and **Kevin C. Elliott**, "A Framework for Analyzing Engaged Philosophy of Science," *Philosophy of Science*, forthcoming.
64. **Kevin C. Elliott**, "A Taxonomy of Transparency in Science," *Canadian Journal of Philosophy* (2020). Available at: <http://dx.doi.org/10.1017/can.2020.21>
63. Steven Gray, Charlie Booher, **Kevin C. Elliott**, Daniel Kramer, John Waller, Joshua Millsbaugh, Bernard Kissui, and Robert Montgomery, "Research-Implementation Gap Limits the Actionability of Human-Carnivore Conflict Studies in East Africa," *Animal Conservation* 23 (2020): 7-17. DOI: 10.1111/acv.12520.
62. Corinne Higley, **Kevin C. Elliott**, and Jubin Cheruvilil, "Improving Student Reading Comprehension Through Editorship," *Teaching in Higher Education* 25 (2020): 174-188. Available online: <https://www.tandfonline.com/eprint/EVjPRzHRZITm74IGcZQ/full>
61. Gary L. Ginsberg, Kristi Pullen Fedinick, Gina M. Solomon, **Kevin C. Elliott**, John J. Vandenberg, Stan Barone, and John R. Bucher, "New Toxicology Tools and the Emerging Paradigm Shift in Environmental Decision-Making," *Environmental Health Perspectives* 127(12) (2019): 125002. Freely available online: <https://ehp.niehs.nih.gov/doi/full/10.1289/EHP4745>
60. **Kevin C. Elliott**, "Science Journalism, Value Judgments, and the Open Science Movement," *Frontiers in Communication* 4:71 (2019). doi: 10.3389/fcomm.2019.00071. Freely available online.

59. **Kevin C. Elliott** and David B. Resnik, “Making Open Science Work for Science and Society,” *Environmental Health Perspectives* 127(7) (2019): 075002. <https://doi.org/10.1289/EHP4808> Freely available online: <https://ehp.niehs.nih.gov/doi/full/10.1289/EHP4808>
- Featured in Janet L. Pelley, “It Takes a Conscious Effort: Helping Society Benefit from the Open Science Movement,” *Environmental Health Perspectives* 128(5) (2020): 054001.
58. Isis H. Settles, Sheila T. Brassel, Patricia A. Soranno, Kendra S. Cheruvilil, Georgina M. Montgomery, and **Kevin C. Elliott**, “Team Climate Mediates the Effect of Diversity on Environmental Science Team Satisfaction and Data Sharing,” *PLoS ONE* 14(7) (2019): e0219196. Freely available online: <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0219196>
57. Autumn Poisson, Ian McCullough, Patricia A. Soranno, Kendra Spence Cheruvilil, **Kevin C. Elliott**, and Jo Latimore, “Quantifying Contributions of Citizen Monitoring to Broad-scale Ecological Databases,” *Frontiers in Ecology and the Environment* (2019). DOI: 10.1002/fee.2128. Freely available online: <https://esajournals.onlinelibrary.wiley.com/doi/full/10.1002/fee.2128>
56. David B. Resnik and **Kevin C. Elliott**, “Value-Entanglement and the Integrity of Scientific Research,” *Studies in History and Philosophy of Science* 75 (2019): 1-11.
55. **Kevin C. Elliott**, Robert A. Montgomery, David B. Resnik, Tutilo Mudumba, Justin Booth, and Kyle Powys Whyte, “Drone Use for Environmental Research,” *IEEE Geoscience and Remote Sensing Magazine* (March 2019): 106-111.
54. John Besley, Nagwan Zahry, Aaron McCright, **Kevin C. Elliott**, Joseph Martin, and Norbert Kaminski, “Conflict of Interest Mitigation Procedures May Have Little Influence on the Perceived Procedural Fairness of Risk-Related Research,” *Risk Analysis* 39 (2019): 571-585.
53. **Kevin C. Elliott** and Jon Rosenberg, “Philosophical Foundations for Citizen Science,” *Citizen Science: Theory and Practice* 4(1) (2019): 9. Freely available online: <https://theoryandpractice.citizenscienceassociation.org/articles/10.5334/cstp.155/>
52. David B. Resnik and **Kevin C. Elliott**, “Using Drones to Study Human Beings: Ethical and Regulatory Issues,” *Science and Engineering Ethics* 25 (2019): 707-718. Available online: <https://link.springer.com/article/10.1007/s11948-018-0032-6>.
51. **Kevin C. Elliott**, “Addressing Industry-Funded Research with Criteria for Objectivity,” *Philosophy of Science* 85 (2018 Proceedings): 857-868.
50. **Kevin C. Elliott**, “Précis of *A Tapestry of Values: An Introduction to Values in Science*,” *Philosophy, Theory, and Practice in Biology* Vol. 10, No. 007 (2018), DOI: <http://dx.doi.org/10.3998/ptpbio.16039257.0010.007>.
49. **Kevin C. Elliott**, “*A Tapestry of Values*: Response to My Critics,” *Philosophy, Theory, and Practice in Biology* Vol. 10, No. 011 (2018), DOI: <http://dx.doi.org/10.3998/ptpbio.16039257.0010.011>.
48. Bennett Holman and **Kevin C. Elliott**, “The Promise and Perils of Industry-Funded Science,” *Philosophy Compass* 13 (2018): e12544.
- Includes a Teaching and Learning Guide to help instructors make use of the article in classes
47. Isis H. Settles, Sheila T. Brassel, Georgina M. Montgomery, **Kevin C. Elliott**, Patricia A. Soranno, and Kendra S. Cheruvilil, “Missing the Mark: A New Form of Honorary Authorship Motivated by Desires for Inclusion,” *Innovative Higher Education* 43 (2018): 303-319.
46. Robert A. Montgomery, **Kevin C. Elliott**, Matthew Hayward, Steven M. Gray, Joshua J. Millsbaugh, Shawn J. Riley, Bernard Mombo Kissui, Daniel B. Kramer, Remington J. Moll, Tutilo Mudumba, Eric D. Tans, Arthur B. Muneza, Leandro Abade, Jacalyn M. Beck, Claire F. Hoffmann, Charlie R. Booher, and David W. Macdonald, “Examining Evident Interdisciplinarity among Prides of Lion Researchers,” *Frontiers in Ecology and Evolution* 6 (2018): 49.

45. **Kevin C. Elliott**, Aaron M. McCright, Summer Allen, and Thomas Dietz, “Values in Environmental Research: Citizens’ Views of Scientists Who Acknowledge Values,” *PLoS ONE* 12(10) (2017): e0186049. Available online at: <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0186049>
44. David B. Resnik, **Kevin C. Elliott**, Patricia A. Soranno, and Elise Smith, “Data-Intensive Science and Research Integrity,” *Accountability in Research* 24 (2017): 344-358; available online at: <http://www.tandfonline.com/doi/full/10.1080/08989621.2017.1327813>
43. 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) (2017): e0175643. Available online at: <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0175643>
- As of November 20, 2019, this paper was among the top 10% most cited *PLoS ONE* papers from 2017
42. **Kevin C. Elliott**, Isis H. Settles, Sheila T. Brassel, Georgina M. Montgomery, Kendra S. Cheruvellil, and Patricia A. Soranno, “Honorary Authorship Practices in Environmental Science Teams: Structural and Cultural Factors and Solutions,” *Accountability in Research* 24 (2017): 80-98.
41. **Kevin C. Elliott**, Kendra S. Cheruvellil, 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>.
40. **Kevin C. Elliott**, “Standardized Study Designs, Value Judgments, and Financial Conflicts of Interest in Research,” *Perspectives on Science* 24 (2016): 529-551. Available online: http://www.mitpressjournals.org/doi/pdf/10.1162/POSC_a_00222
39. David B. Resnik and **Kevin C. Elliott**, “The Ethical Challenges of Socially Responsible Science,” *Accountability in Research* 23 (2016): 31-46.
38. 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.
37. 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.
36. David B. Resnik and **Kevin C. Elliott**, “Bisphenol A and Risk Management Ethics,” *Bioethics* 29 (2015): 182-189.
35. Patricia A. Soranno, Kendra Spence Cheruvellil, **Kevin C. Elliott**, and Georgina Montgomery, “It’s Good to Share: Why Environmental Scientists’ Ethics are Out of Date,” *BioScience* 65 (2015): 69-73.
34. **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.”
33. **Kevin C. Elliott**, “Financial Conflicts of Interest and Criteria for Research Credibility,” *Erkenntnis* 79 (2014): 917-937.
32. **Kevin C. Elliott** and David B. Resnik, “Science, Policy, and the Transparency of Values,” *Environmental Health Perspectives* 122 (2014): 647-650. Freely available online: https://ehp.niehs.nih.gov/doi/full/10.1289/ehp.1408107?url_ver=Z39.88-2003&rft_id=ori:rid:crossref.org&rft_dat=cr_pub%3dpubmed
- Featured in Janet L. Pelley, “Science and Policy: Understanding the Role of Value Judgments,” *Environmental Health Perspectives* 122 (2014): A192.

31. **Kevin C. Elliott** and Daniel J. McKaughan, “Non-Epistemic Values and the Multiple Goals of Science,” *Philosophy of Science* 81 (2014): 1-21.
30. **Kevin C. Elliott** and David Willmes, “Cognitive Attitudes and Values in Science,” *Philosophy of Science* 80 (2013 Proceedings): 807-817.
29. **Kevin C. Elliott**, “Douglas on Values: From Indirect Roles to Multiple Goals,” *Studies in History and Philosophy of Science* 44 (2013): 375-383.
 - Received a certificate of recognition for being among the five most highly cited papers in that journal during the years 2014, 2015, and the first half of 2016
28. 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.
27. David B. Resnik and **Kevin C. Elliott**, “Taking Financial Relationships into Account When Assessing Research,” *Accountability in Research* 20 (2013): 184-205.
26. **Kevin C. Elliott**, “Selective Ignorance and Agricultural Research,” *Science, Technology, and Human Values* 38 (2013): 328-350.
25. **Kevin C. Elliott**, “Epistemic and Methodological Iteration in Scientific Research,” *Studies in History and Philosophy of Science* 43 (2012): 376-382.
24. **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.
23. Katherine Robinson and **Kevin C. Elliott**, “Environmental Aesthetics and Public Environmental Philosophy,” *Ethics, Policy, & Environment* 14 (2011): 175-191.
22. **Kevin C. Elliott**, “Direct and Indirect Roles for Values in Science,” *Philosophy of Science* 78 (2011): 303-324.
21. 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.
20. **Kevin C. Elliott**, “Hydrogen Fuel-Cell Vehicles, Energy Policy, and the Ethics of Expertise,” *Journal of Applied Philosophy* 27 (2010): 376-393.
19. **Kevin C. Elliott**, “Geoengineering and the Precautionary Principle,” *International Journal of Applied Philosophy* 24 (2010): 237-253.
18. **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.
17. Maureen A. O’Malley, **Kevin C. Elliott**, Chris Haufe, and Richard M. Burian, “Philosophies of Funding,” *Cell* 138 (2009): 611-615.
16. **Kevin C. Elliott**, “The Ethical Significance of Language in the Environmental Sciences: Case Studies from Pollution Research,” *Ethics, Place, & Environment* 12 (2009): 157-173.
15. **Kevin C. Elliott**, “A Case for Deliberation in Response to Hormesis Research,” *Human and Experimental Toxicology* 27 (2008): 529-538.
14. **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.

13. **Kevin C. Elliott**, "Varieties of Exploratory Experimentation in Nanotoxicology," *History and Philosophy of the Life Sciences* 29 (2007): 311-334.
12. Charles Bryan, Theresa Call, and **Kevin C. Elliott**, "The Ethics of Infection Control: Philosophical Frameworks," *Infection Control and Hospital Epidemiology* 28 (2007): 1077-1084.
11. **Kevin C. Elliott**, "Norton's Conception of Sustainability: Political, Not Metaphysical," *Environmental Ethics* 29 (2007): 3-22.
10. **Kevin C. Elliott**, "An Ironic *Reductio* for a Pro-Life Argument: Hurlbut's Stem Cell Proposal," *Bioethics* 21 (2007): 99-111.
9. **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.
8. **Kevin C. Elliott**, "An Ethics of Expertise Based on Informed Consent," *Science and Engineering Ethics* 12 (2006): 637-661.
7. **Kevin C. Elliott**, "Hormesis and Environmental Policy: An Ethical Analysis," *Public Affairs Quarterly* 20 (2006): 31-53.
6. **Kevin C. Elliott**, "Developmental Systems Theory and Human Embryos: A Response to Austriaco," *National Catholic Bioethics Quarterly* 5 (2005): 49-59.
5. **Kevin C. Elliott**, "Error as Means to Discovery," *Philosophy of Science* 71 (2004): 1-24.
4. **Kevin C. Elliott**, "Biomedical Ethics, Public-Health Risk Assessment, and the Naturalistic Fallacy," *Public Affairs Quarterly* 16 (2002): 351-376.
3. **Kevin C. Elliott**, "Conceptual Clarification and Policy-Related Science: The Case of Chemical Hormesis," *Perspectives on Science* 8 (2000): 346-366.
2. **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.
1. 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.

Invited Book Chapters (Reviewed by Editor Unless Otherwise Noted)

17. **Kevin C. Elliott**, "Roles for Social and Ethical Values in Environmental Health Research," in Friedo Zölzer and Gaston Meskens (eds.), *Research Ethics for Environmental Health* (London: Routledge, forthcoming).
**Reviewed by an external referee in addition to the volume's editors
16. **Kevin C. Elliott**, "Precautionary Principles," in B. Hale and A. Light (eds.), *Routledge Companion to Environmental Ethics* (London: Routledge, forthcoming).
15. **Kevin C. Elliott**, "Roles for Socially-Engaged Philosophy of Science in Environmental Policy," in David Boonin (ed.), *Handbook of Philosophy and Public Policy* (Palgrave-MacMillan, 2018).
14. 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* (Chicago: University of Chicago Press, 2018), p. 197-213.
**Reviewed by an external referee in addition to the volume's editors

- This book won the National Communication Association’s 2018 Award for Best Edited Collection on Communication Ethics
13. **Kevin C. Elliott**, Cheryl A. Murphy, and Natàlia Garcia-Reyero, “The Future of Adverse Outcome Pathways: Analyzing Their Social Context,” in Natàlia Garcia-Reyero and Cheryl Murphy (eds.), *A Systems Biology Approach to Advancing Adverse Outcome Pathways for Risk Assessment* (Cham: Springer, 2018), p. 391-404.
**Because my co-authors were the volume’s editors, this chapter did not receive peer review from an outside party
 12. **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), p. 136-149.
 11. **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>
 10. **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.
**Reviewed by an external referee in addition to the volume’s editor
 - This book won a 2017 PROSE Honorable Mention Award for Educational Theory by the American Association of Publishers
 9. **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.
 8. **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.
 7. **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.
 6. **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.
 5. 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).
 4. **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.
 3. **Kevin C. Elliott**, “Risk, Precaution, and Nanotechnology,” in R. Sandler (ed.), *Ethics and Emerging Technologies* (Palgrave-Macmillan, 2013).
 2. **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.
 1. **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.

Contributed Book Chapters (Review Status Noted Individually)

6. **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.
**Not peer reviewed

5. **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.
**Reviewed by an external referee
4. **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.
**Reviewed by an external referee
3. **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.
**Reviewed by the volume’s editors
2. **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.
**Reviewed by the volume’s editor
1. **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.
**Reviewed by an external referee and the volume’s editors

Articles, Essays, Letters, Book Reviews (Not Peer Reviewed)

40. Essay by **Kevin C. Elliott**, “The Value-Ladenness of Scientific Language: How ‘Biodiversity’ Separates Humans and Nature,” in *Seeds of Change*, an open-access collection created by the Biodiversity Revisited initiative: <https://www.biodiversity-revisited.earth/seeds-of-change-inspiring-a-new-research-agenda-for-life-on-earth/>.
39. Letter to the editor by Gunilla Oberg, **Kevin C. Elliott**, and Annegaaik Leopold, “Science is Political But Should Not Be Partisan,” *Integrated Environmental Assessment and Management* 16 (2020): 6-7.
38. Blog post by **Kevin C. Elliott**, Nicole Kleinstreuer, Patrick McMullen, Gary Miller, Bhramar Mukherjee, Roger Peng, Melissa Perry, Reza Rasoulpour, and Elizabeth Boyle, “Is Artificial Intelligence Revolutionizing Environmental Health?” on the Simply Statistics blog: <https://simplystatistics.org/2019/12/04/is-artificial-intelligence-revolutionizing-environmental-health/>
37. Case study by Kendra Cheruvelil, **Kevin C. Elliott**, Georgina Montgomery, Isis Settles, and Patricia Soranno, “Ethics & Team Power Dynamics in Authorship Decisions,” published in 2019 in the Online Ethics Center for Engineering: <https://www.onlineethics.org/Resources/ethics-and-team-power-dynamics.aspx>
36. Non-peer-reviewed article by Yann Devos, **Kevin C. Elliott**, Philip Macdonald, Katherine McComas, Lucia Parrino, Domagoj Vrbos, Tobin Robinson, David Spiegelhalter, and Barbara Gallani, “Conducting Fit-for-Purpose Food Safety Assessment,” *European Food Safety Authority Journal* 17(S1) (2019): e170707. Openly available online at: <https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2019.e170707>
35. Non-peer-reviewed article by **Kevin C. Elliott**, “Managing Social and Ethical Values in Regulatory Science and Risk Assessment,” *European Food Safety Authority Journal* 17(S1) (2019): e170709. Openly available online at: <https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2019.e170709>
34. Editorial introduction to special journal issue by Yann De Vos, **Kevin C. Elliott**, and Anthony Hardy, “Editorial: Special Issue on EFSA’s Third Scientific Conference ‘Science, Food, and Society’,” *European Food Safety Authority Journal* 17(S1) (2019): e170706. Openly available online at: <https://efsa.onlinelibrary.wiley.com/doi/10.2903/j.efsa.2019.e170706>

33. Commentary by **Kevin C. Elliott**, “The Kaleidoscope of Citizen Science,” *Narrative Inquiry in Bioethics* 9 (2019): 47-52.
32. Special journal section introduction by **Kevin C. Elliott** and Ted Richards, “Introduction: The Responsible Use of Science in Societal Decision-Making—Part 2,” *Public Affairs Quarterly* 31 (2017): 255-258.
31. Special journal section introduction by **Kevin C. Elliott** and Ted Richards, “Introduction: The Responsible Use of Science in Societal Decision-Making—Part 1,” *Public Affairs Quarterly* 31 (2017): 157-163.
30. Web essay by **Kevin C. Elliott**, “Rather Than Being Free of Values, Good Science is Transparent about Them,” *The Conversation*, November 6, 2017, available online at: <https://theconversation.com/rather-than-being-free-of-values-good-science-is-transparent-about-them-84946> and <https://www.electrochem.org/redcat-blog/rather-free-values-good-science-transparent/>
29. Web essay by 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/>
28. Chapter in an edited volume from the MSU Social Science Scholars program by 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*, 2016.
27. 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.
26. 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.
25. 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
24. Viewpoint by **Kevin C. Elliott** and David B. Resnik: “Scientific Reproducibility, Human Error, and Public Policy,” *BioScience* 65 (2015): 5-6.
23. Special journal section introduction by 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.
22. Letter by **Kevin C. Elliott** and David B. Resnik: “Transparency of Values: Response to Schwartz,” *Environmental Health Perspectives* 122 (2014): A291-A292.
21. Book Review by **Kevin C. Elliott**: *Environmental Health Ethics*, by David Resnik (New York: Cambridge University Press), *Ethics, Policy & Environment* 17 (2014): 238-239.
20. 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.
19. 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>.

18. 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.
17. 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.
16. Letter by Daniel McKaughan and **Kevin C. Elliott**: "Voles, Vasopressin, and the Ethics of Framing," *Science* 338 (Dec. 7, 2012): 1285.
15. 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.
14. 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.
13. Special journal issue introduction by Justin Weinberg and **Kevin C. Elliott**, "Science, Expertise, and Democracy" in *Kennedy Institute of Ethics Journal* 22 (2012): 83-90.
12. Letter by **Kevin C. Elliott**: "Nanotechnology and the Precautionary Principle," *Environmental Health Perspectives* 119 (2011): A240.
11. 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>
10. 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.
9. 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.
8. 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.
7. Book review by **Kevin C. Elliott**: *Nature in Common?*, edited by Ben Minteer (Philadelphia: Temple University Press, 2009), *Environmental Ethics* 32 (2010): 79-84.
6. 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.
5. Contribution for special issue by **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>.
4. Special journal issue introduction by **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>.
3. 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.

2. 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.
1. Letter by **Kevin C. Elliott**: “Kevin Elliott Replies,” *National Catholic Bioethics Quarterly* 5 (2005): 227-228.

Research Grants

External Grants

4. (SUBMITTED Oct. 3, 2019) Kendra Cheruvilil and Isis Settles (co-leads), PIs: Erin Cech, **Kevin Elliott**, Georgina Montgomery. “Collaborative Research: ECR EIE DCL: Broadening Participation of Underrepresented Scholars in Academic STEM: The Influence of an Inclusive Climate on Early-Career Outcomes.” NSF Education and Human Resources Core Research Program. ~\$2.5 million (~\$1 million to MSU). 2020-2025.
 - Website: <https://ee-stem.weebly.com/climbs-up.html>
3. Kathryn Plaisance (Awardee), Collaborators: **Kevin Elliott**, John McLevey, Ashley Mehlenbacher, Michael O’Rourke, Eric Turkheimer, “Engaging Science with Philosophy: Best Practices for Fostering Effective Collaboration,” Canada SSHRC Insight Grant, 435-2020-0969. 188,179 CAD. 2020-2025.
2. **Kevin Elliott** (lead), PIs: Kendra Cheruvilil, Georgina Montgomery, Isis Settles, Patricia Soranno. “Ethical Standards and Practices of Environmental Scientists: Does Team Diversity Matter?” NSF Cultivating Cultures for Ethical STEM Program, SES-1449466. \$600,000. 2014-2020.
 - Successfully applied for an \$8,632 supplement in 2017 to provide additional graduate student training
 - Website: <https://ee-stem.weebly.com/step.html>
1. David Berube (lead), PIs: **Kevin Elliott**, Pat Gehrke, Jennifer Kuzma, Dietram Scheufele. “NIRT: Intuitive Toxicology and Public Engagement” NSF Nanoscale Interdisciplinary Research Program, SES-0709056. \$1,399,258. 2007-2012.

Internal Grants

5. **Kevin Elliott** (lead), Megan Halpern, Jean Tsao, “Unpacking the Lyme Controversy: A Test Case for Experience-Based Science Communication,” MSU S3 (Science and Society at State) program. \$10,000. 2020-2021.
4. Mark Largent (lead), **Kevin Elliott**, Aaron McCright, Mark Navin, Sean Valles. “Michiganders’ Views of Vaccines.” MSU Institute for Public Policy and Social Research. \$20,000. 2016-2017.
3. Sean Valles (lead), **Kevin Elliott**, Mark Largent, Aaron McCright. “Testing Communication Tactics for Overcoming Skepticism.” MSU ITBI program. \$6,830. 2015-2017.
2. **Kevin Elliott** (lead), John Besley, Norbert Kaminsky, Joseph Martin, Aaron McCright, Cheryl Murphy. “Promoting Quality and Trust in Industry-Funded Research.” MSU S3 (Science and Society at State) program. \$10,000, supplemented with \$3,000 from LBC’s pilot data fund. 2014-2016.
1. Patricia Soranno (lead), Kendra Cheruvilil, **Kevin Elliott**, Georgina Montgomery, Pang-Ning Tan. “Conceptions of Good Science in a Data-Rich World.” MSU S3 (Science and Society at State) program. \$10,000. 2014-2016.

Presentations

Invited Presentations

61. “Elucidating Values Judgments in Research on Environmental Endocrine Disruptors,” invited presentation for the Gordon Research Conference on Environmental Endocrine Disruptors, Sunday River, Maine, June 2020. **Rescheduled for 2022 due to the novel coronavirus*
60. “Open Science in Regulatory Environmental Risk Assessment: An Overview,” invited keynote presentation for a session on “Open Science in Regulatory Environmental Risk Assessment at the Society for Environmental Toxicology and Chemistry Europe meeting, Dublin, Ireland, May 2020. **Presented remotely as a recording because the conference was converted to an electronic format due to the novel coronavirus*
59. “Getting Clear about Transparency in Science,” invited keynote presentation for a workshop on “Doing Science in a Pluralistic Society” at the University of Dayton, April 2020. Available online: <https://www.youtube.com/watch?v=1mjYB2s7SW4&feature=youtu.be> **Presented remotely because the workshop was converted to an electronic format due to the novel coronavirus*
58. “Science and Values: Independent Realms or Collaborative Partners,” invited presentation for the CSH Science and Religion Forum: Limits of Science—Opportunities for Religion?, at the University of Bern, Switzerland, November 2019.
57. “Value Judgments and Open Science: Getting Clear about Transparency,” invited presentation at the University of British Columbia, Canada, July 2019.
56. “Value Judgments and Open Science: Getting Clear about Transparency,” invited presentation at the Royal Institute of Technology, Sweden, May 2019.
55. “Value Judgments and Open Science: Getting Clear about Transparency,” invited presentation at the University of Helsinki, Finland, May 2019.
54. “Understanding the Roles of Philosophical Positions and Values in Scientific Controversies,” invited presentation in a special session at the Society for Environmental Toxicology and Chemistry (SETAC) Europe conference, Helsinki, Finland, May 2019.
53. “Value Judgments and Open Science: Getting Clear about Transparency,” invited presentation for a workshop at the University of Alberta on science and values, funded by a SSHRC Insight Grant, May 2019.
52. “Managing Values in Science and Risk Assessment,” invited presentation for the European Food Safety Association (EFSA) conference on “Science, Food, Society,” Parma, Italy, September 2018.
51. “Recognizing and Addressing Values in Environmental Health Research,” invited keynote presentation for the International Symposium on Ethics of Environmental Health, Budweis, Czech Republic, September 2018.
50. “De-extinction: Who Needs a Pet Dodo Bird?” invited discussant for Brews and Views seminar at MSU, June 2018.
49. “Socially Relevant Philosophy in the Environmental Sciences,” invited presentation in a symposium, “Development of Socially Responsible Philosophy of Science,” at the Central Division Meeting of the American Philosophical Association, Chicago, February 2018.
48. “Conflicts of Interest: Reflections for SRA Roundtable,” invited presentation for a roundtable session, “Conflict of Interest in Conducting Research and Risk Assessments,” Society for Risk Analysis Meeting, Washington, DC, December 2017.
47. “Values in Environmental Research: Citizens’ Views of Scientists Who Acknowledge Values,” invited presentation for the AAAS Center for Public Engagement with Science & Technology, November 2017.
46. “Transparency: The Neglected Question in Science and Values,” invited presentation for the Philosophy of Science discussion group at the University of Michigan, November 2017.

45. Invited presentation and participation in panel for “Guardians of the Public Trust: Ethics in the Modern Era,” organized by the Capital Area Chapter of the American Society for Public Administration, Cooley Law School, October 2017.
44. “Bias and Conflicts of Interest: Reflections for SOT Roundtable,” 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.
43. “Values in Science: How to Throw Out the Bathwater and Keep the Baby,” invited presentation at Oakland University, February 2017.
42. “Turning Research Ethics Outward: Navigating Value-Laden Science,” invited lecture for Ethics Day at the National Institute of Environmental Health Sciences, December 2016.
41. Invited 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.
40. “Values in Science: How to Throw Out the Bathwater and Keep the Baby,” invited presentation for MSU Philosophy Department, October 2016.
39. “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.
38. (with Kathy Robinson, who presented the paper), “Environmental Aesthetics, Ethics, and Oil Drilling,” invited presentation for a conference on Environmental Aesthetics and Ethics at Indiana University, May 2016.
37. “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.
36. “Public Perceptions of Industry-Funded Safety Studies: Challenges and Suggestions,” invited presentation at the Bayer CropScience, Research Triangle Park, NC, February 22, 2016.
35. “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.
34. “Engines of Knowledge or Merchants of Doubt: Can We Trust Industry-Funded Science?” invited talk for Lyman Briggs College Speaker Series, Michigan State University, October 2014.
33. “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=-l2TI9csYg>
32. “Addressing the Science/Policy Interface in Public Health Research,” invited talk for a group in the USC School of Public Health, October 2013.
31. “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.
30. “Financial Conflicts of Interest and Criteria for Research Credibility,” invited speaker for UCSD Science Studies Colloquium, San Diego, March 2013.
29. Invited commentator for an Author Meets Critics session on Carl Cranor’s book, *Legally Poisoned*, Central APA, New Orleans, February 2013.

28. Invited commentator for a session on Modeling and Climate Change, Eastern APA, Atlanta, December 2012.
27. "Wetlands as Technoscientific Objects," invited presentation for the second workshop of the Genesis and Ontology of Technoscientific Objects (GOTO) project, France, October 2012.
26. "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.
25. "Anthropocentric Indirect Arguments for Environmental Protection," invited colloquium series presentation at Kansas State University, September 2012.
24. "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.
23. "Is a Little Pollution Good for You? Ethics and Value Judgments in the Environmental Health Sciences," invited presentation for Ethics Day at the National Institute of Environmental Health Sciences, May 2012.
22. "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.
21. "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.
20. "The Ethical Challenge of Conflicts of Interest in Scientific Research," invited lecture as the Jackson Center Visiting Ethicist for Coastal Carolina University, March 2012.
19. "Criteria for the Credibility of Environmental Research," invited presentation at Michigan State University, January 2012.
18. "The Nature and Significance of Selective Ignorance in Scientific Research," invited presentation at Michigan State University, October 2011.
17. "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.
16. "Selective Ignorance in Agricultural Research," invited presentation at GenØk Center for Biosafety, Tromsø, Norway, June 2011.
15. "Selective Ignorance in Agricultural Research," invited presentation at the University of Twente, Netherlands, June 2011.
14. "Direct and Indirect Roles for Values in Science," invited presentation for the Kolloquium Neue Themen der Wissenschaftstheorie, Bielefeld University, Germany, June 2011.
13. "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.
12. "Wetlands, Hormetic Agents, and Endocrine Disruptors," invited presentation for a workshop on the Genesis and Ontology of Technoscientific Objects, Basel, Switzerland, June 2011.
11. "Selective Ignorance: Causes, Effects, and Responses," invited presentation at a conference on Agnotology, organized by Martin Carrier and Janet Kourany, Bielefeld, Germany, May 2011.

10. “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.
9. “The Ethics of Food,” invited presentation for the USC, Aiken, Biology/Geology fall seminar series and Inter-Curricular Enrichment (ICE) Program, September 2010.
8. “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.
7. “Incorporating Societal Values in Environmental Research,” invited presentation for the USC School of the Environment Colloquium series, February 2010.
6. “The Plant a Row Project,” invited presentation at the Sustainability of SC Local Food Systems Workshop, Columbia, SC, January 2010.
5. “From the Precautionary Principle to Precautionary Science,” invited guest lecture at the College of Charleston, Charleston, SC, March 2009.
4. “Value Judgments, Ethics, and LCA of Nanomaterials,” invited presentation at the NSF-EPA sponsored workshop, “Life Cycle Aspects of Nanoproducts, Nanostructured Materials, and Nanomanufacturing: Problem Definitions, Data Gaps, and Research Needs,” Chicago, November 2009.
3. “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.
2. “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.
1. “Ethical and Social Values in Nanotoxicology,” invited presentation at the 2nd Workshop of the Nano Ethics Network, Aarhus, Denmark, November 2007.

Other Presentations

69. “Making Open Science Work for Nonspecialists,” in a symposium, “Opening Up Open Science,” organized by Kevin Elliott for the Biennial Meeting of the Philosophy of Science Association, Baltimore, MD, November 2020.
68. (co-presented with Kathryn Plaisance), “A Framework for Analyzing Engaged Philosophy of Science,” Biennial Meeting of the Society for Philosophy of Science in Practice, East Lansing, MI, July 2020. **Rescheduled to July 2021 because of the novel coronavirus.*
67. “Developing Systems for Promoting Scientific Transparency: Lessons from Lyme Disease,” Fifth meeting of the Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE), East Lansing, MI, July 2020. **Rescheduled to July 2021 because of the novel coronavirus.*
66. (co-presented with Kathryn Plaisance), “A Taxonomy of Engaged Philosophy of Science,” Fifth Public Philosophy Network conference, East Lansing, MI, October 2019.
65. (Isis Settles as presenter, co-authored with Sheila Brassel, Patricia Soranno, Kendra Cheruvilil, and Georgina Montgomery), “Team Climate Mediates the Effect of Diversity on Science Teams,” Science of Team Science conference, Lansing, MI, May 2019.
64. (Jacalyn Beck as presenter, co-authored with Sheila Brassel, Robert Montgomery Kendra Cheruvilil, and Isis Settles), “The Impact of Gender Composition and Leadership on the Productivity and Authorship Practices of Interdisciplinary Research Teams,” Science of Team Science conference, Lansing, MI, May 2019.

63. (Organized workshop with Kendra Cheruvelil, Georgina Montgomery, Isis Settles, and Patricia Soranno), “Navigating Power Dynamics in Authorship Decisions,” Workshop at the Science of Team Science conference, Lansing, MI, May 2019.
62. (Organized workshop with Kendra Cheruvelil, Georgina Montgomery, Isis Settles, and Patricia Soranno), “Authorship Decisions: Advocating for Representation,” Career Development Workshop at the American Association for the Advancement of Science meeting, Washington, DC, February 2019.
61. (co-authored by Isis Settles, Sheila Brassel, Kendra Cheruvelil, Georgina Montgomery, and Patricia Soranno) “Interdisciplinary Scholarship to Promote Inclusivity in Science: A Case Study of Credit and Authorship,” at the Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE) conference, Atlanta, June 2018.
60. Participation in Author Meets Critics session for my book, *A Tapestry of Values*, at the Central Division Meeting of the American Philosophical Association, Chicago, February 2018.
59. “Navigating Values in Environmental Science,” presentation at the Society of Environmental Toxicology and Chemistry (SETAC) meeting, Minneapolis, November 2017.
58. “Navigating Financial Conflicts of Interest in Research,” in the “Social Responsibility from the Inside Out” session that was part of the “Scientific Reproducibility and Social Responsibility” all-day seminar at the AAAS Meeting, Boston, February 2017.
57. “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.
56. (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.
55. “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.
54. (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.
53. (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.
52. (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.
51. (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.
50. “University-Industry Partnerships: Identifying Concerns and Developing Practices,” Neo-Liberalism and Higher Education Conference, Michigan State University, March 2015.
49. (Patricia Soranno was the lead presenter; other authors included Kendra Cheruvelil and Georgina Montgomery) “Exploratory Analysis and Big Data,” at the Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE) conference, Detroit, March 2015.

48. (with Kendra Cheruvelil, Georgina Montgomery, Isis Settles, and Patricia Soranno) "STEP (Science Teams' Effective Practices," at the SRPoiSE conference, Detroit, March 2015.
47. "Communicating Science on Socially Relevant Topics," show-and-tell presentation with Daniel McKaughan at the PSA meeting, Chicago, IL, November 2014.
46. "Anthropocentric Indirect Arguments for Environmental Protection," International Society for Environmental Ethics Annual Conference, Allenspark, CO, June 2014.
45. "Moral Molecules and Love Drugs? Backtracking and Science Communication," for the 2014 Iowa State Summer Symposium on Science Communication, June 2014.
44. Participant on the panel "A New Paradigm for Graduate Education," Association for Practical and Professional Ethics Conference, Jacksonville, FL, February 2014.
43. "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.
42. "Financial Conflicts of Interest and Scientific Standards," workshop on standards at Michigan State University, September 2013.
41. (with Daniel McKaughan), "Non-Epistemic Values and the Multiple Goals of Regulatory Science," State's Stakes in Science workshop, Bielefeld, Germany, July 2013.
40. (with Daniel McKaughan), "Non-Epistemic Values and the Multiple Goals of Science," Society for Philosophy of Science in Practice conference, Toronto, CA, June 2013.
39. (with Daniel McKaughan), "Non-Epistemic Values and the Multiple Goals of Science," Cognitive Attitudes and Values in Science workshop, Notre Dame, IN, June 2013.
38. (with David Willmes), "Propositional Attitudes and Values in Science," biennial PSA meeting, San Diego, November 2012.
37. "Themes in U.S. Responses to Nanotechnology," S.NET conference, University of Twente, Netherlands, October 2012.
36. "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.
35. "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.
34. "Selective Ignorance: Causes, Effects, and Responses," TRiP Conference on Science, Knowledge, and Democracy, Columbia, SC, April 2011.
33. "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.
32. "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.
31. "Geoengineering and the Precautionary Principle," Annual Meeting of the Society for Applied Philosophy, Oxford University, July 2010.

30. "Precautionary Science' and the Identification of Nanotechnology Risks," Humanities and Technology Association Conference, Charlottesville, VA, September 2009.
29. "Precautionary Science' and the Identification of Nanotechnology Risks," Society for the Study of Nanoscience and Emerging Technologies Conference, Seattle, WA, September 2009.
28. "The Ethical Significance of Language in the Environmental Sciences: Case Studies from Pollution Research," ISHPSSB Meeting, Brisbane, Australia, July 2009.
27. "Democratizing University Science: The Limits of Conflict-of-Interest Policies," Science and Values: The Politicisation of Science Conference, Bielefeld, Germany, May 2009.
26. "Precautionary Science and Nanotoxicology," at the Technical University of Darmstadt, Germany, May 2009.
25. "Scientific Judgment and the Limits of Conflict-of-Interest Policies," Feminist Epistemology, Methodology, Metaphysics, and Science Studies (FEMMSS) Conference, Columbia, SC, March 2009.
24. (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.
23. "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.
22. "Fuel Cells, Global Warming, and the Ethics of Expertise," Human Flourishing and Restoration in the Age of Global Warming conference, Clemson University, September 2008.
21. "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.
20. Member of roundtable on "Environment, Technology, and Ethics," Ethics in Emerging Technologies Symposium, University of North Carolina at Charlotte, April 2008.
19. "Hydrogen Fuel Cells, Energy Policy, and the Ethics of Expertise," Energy & Responsibility conference, University of Tennessee, April 2008.
18. "Varieties of Exploratory Experimentation in Nanotoxicology," International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB) Conference, Exeter, UK, July 2007.
17. "Exploratory Experimentation and Nanotoxicology," Society for Philosophy and Technology Conference, Charleston, SC, July 2007.
16. "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.
15. "Norton's Conception of Sustainability: Political Not Metaphysical?" Globalization, Environmental Ethics and Environmental Justice conference at Michigan State University, August 2006.
14. "Comments on Norton's *Sustainability*," response to a lecture by Bryan Norton at the University of South Carolina, March, 2006.
13. "Contextual Values and Anomalies: The Case of Multiple Chemical Sensitivity," Philosophy of Medicine Workshop, University of Alabama, Birmingham, November 2005.
12. "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.

11. "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.
10. "A Novel Account of Scientific Anomaly: Implications for Environmental Ethics and Policy," University of South Carolina Philosophy Department Colloquium, January 2005.
9. "Analysis of Anomaly in Scientific Controversy: Help for the Dispute Over Low-Dose Biochemical Effects," in the symposium "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.
8. "A Novel Account of Scientific Anomaly: Implications for Ethics, Policy, and Scientific Discovery," Louisiana State University Philosophy Department Discussion Series, October 2004.
7. "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.
6. "The Role of Anomaly in Scientific Discovery: Lessons from Contemporary Toxicology," University of Cincinnati Philosophy Department Colloquium, January 2003.
5. "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.
4. "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.
3. "Error as Means to Discovery," International Society for History, Philosophy, and Social Studies of Biology (ISHPSSB) Conference, Quinnipiac College, CN, July, 2001.
2. "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.
1. "Chemical Hormesis: Assessing the Warrant for Policy-Driven Science," 17th Biennial Meeting of the Philosophy of Science Association, Vancouver, BC, November, 2000.

Media Coverage

Media coverage of 2019 PLOS ONE paper, "Team Climate Mediates the Effect of Diversity on Environmental Science Team Satisfaction and Data Sharing": <https://msutoday.msu.edu/news/2019/diversity-on-teams-leads-to-positive-outcomes-but-not-for-all-individuals/> and <https://www.hrdiver.com/news/underrepresented-workers-more-likely-to-have-negative-team-experiences/559191/>

Press release for AAAS workshop, February 2019: <https://www.canr.msu.edu/news/workshop-getting-women-due-credit-on-paper>

Interviewed for essay on conflicts of interest in nutrition research, October 2018: <https://undark.org/article/ethics-nutrition-science-funding/>

Interview about my three books published in 2017, "Values in Science and Science in Normative Theorising," March 29, 2018, at the Justice Everywhere blog: <http://justice-everywhere.org/>

Two interviews for Chinese Social Sciences Today in November and December, 2017, following up on my piece for *The Conversation* about values in science:

http://www.cssn.cn/bk/bkpd_qkyw/bkpd_bjtj/201711/t20171117_3746168.shtml and
<http://38.83.102.134:81/epaper/zsxsbd/2017/12/14/A04/story/1912598.shtml>

Media coverage of 2017 PLOS ONE paper, “Values in Environmental Research: Citizens’ Views of Scientists Who Acknowledge Values”: <http://msutoday.msu.edu/news/2017/can-open-and-honest-scientists-win-public-trust/> and <http://us11.campaign-archive2.com/?u=f8609630ae206654824f897b6&id=90162b879b> and <https://www.sciencedaily.com/releases/2017/10/171025150626.htm>

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#.VE5xmvnE-AU>;
<http://www.sc.edu/news/newsarticle.php?nid=2804#.VE5x2PnE-AU>;
<http://www.youtube.com/watch?v=JEPiltuDGxo>

Course Instruction

Courses Taught at MSU

LB 133: Introduction to History, Philosophy, and Sociology of Science
LB 325A: Science and the Environment
LB 334: Science, Technology, and Public Policy
LB335: Natural Environment
MC399: Advanced Independent Study (Conflicts of Interest in Nutrition Research)
LB/MC 459: STEPPS Capstone (Public-Interest Science; Values in Science)
LB 492: Senior Seminar (Money and Science; Values in Science; Independent Study)
FW 439: Conservation Ethics
FW 893: Graduate Seminar (Philosophy of Environmental Science)

Courses Taught at USC

PHIL 101A: Ethics of Food
PHIL 111: Inductive Logic
PHIL 317: Science and Engineering Ethics
PHIL 341: Environmental Ethics
SCHC 359K: Ethics of Food
PHIL 524: Ethical Theory
PHIL 524: Philosophy of Biology
PHIL/ENVR 835: Seminar in Environmental Ethics

Courses Taught at LSU

PHIL 2025: Bioethics
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 7901: Value Judgments in Scientific Reasoning

Courses Taught at Notre Dame (taught as sole instructor while a graduate student)

PHIL 101: Introduction to Philosophy
PHIL 241: Ethics (received Kaneb Center Outstanding Graduate Instructor Award)
MEES 608: Theories of Science/Values in the Practice of Science (summer course taught at the Chesapeake Biological Laboratory of the University of Maryland)

Student Advising

Students Advised at MSU

Graduate committee member for Remington Moll (PhD student in FW), Tutilo Mudumba (PhD student in FW), Jared Talley (PhD student in Philosophy), Marco Vázquez Pérez (MA student at U of British Columbia), Emma Baitz (MA student at U of Melbourne)

Mentor for Scholarship of Undergraduate Teaching and Learning Fellow Corey Highley (PhD student in FW) for two years

Research advisor for undergraduates Chris Brennan (during spring 2017) and Jordan Fournier (from summer 2018 through spring 2019) on an NSF-funded project

Mentor for undergraduate Social Science Scholars Manny Alalouf and Alex Federau (calendar year 2015) on a research project, resulting in a book chapter, "Clinical Trial Registries as a Solution to Structural Problems in Pharmaceutical Research, in *Social Science Scholars Research, Vol. 1*

Supervisor for Honors Options in 2019-2020 for Brandon Page and Priya Razdan, 2018-2019 for Abby Thiemkey, Emma Constantino, Michaela Kratofil, Brendan Barbara, Zach Spodek, Jay Garlapati, Sahiba Singh, Tristyn Walton, Sarah Klein, 2017-2018 for Unie Gu, Ellary Marano, Sarah Marshall, Arpita Nayak, Taryn Stefanski; in 2016-2017 for Johanna Becker, Lucy Schroeder, Joseph Shemanski; in 2015-2016 for Joe Brennan, Angela Ferrara, Andrew Gibson, Tyler Thur; in 2014-2015 for Jolisa Brooks, Emily Caretti, Kat Crowley, Katie Kryczynski, Andrew Stables; in 2013-2014 for Monique Cheng, Ellen Duane, Jeff Fisher, Dhaval Ruwala, Sarah Scott

Reader for Humanities Pre-Law Program senior thesis for Hannah Stoloff

Students Advised at USC

Graduate advisor for Katherine Robinson (Ph.D. student in Philosophy), dissertation titled "The Moral Significance of Environmental Aesthetics and Its Importance in Environmental Decision Making and Policy Setting," graduated December 2009

Graduate advisor for Jim Johnson (MA student in Philosophy), thesis titled "Plantinga's Theistic Science: Roles for Theistic Aims in Scientific Practice," graduated December 2008

Mentor for undergraduates in the Nanoscholars Program, Josh Call and Conor McFadden

Director of 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)

Second reader of Honors theses for Sam Johnson and Andrew Bowden (2011-2012), for Tyler French and Charlotte Barr (2012-2013)

Advisor for 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

Advisor for undergraduates Adam Port and Margaret McCoy under the Ronald E. McNair Post-Baccalaureate Achievement Program in summer 2012; 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*.

Students Advised at LSU

Graduate advisor for three MA students:

- Robby Burleigh, thesis titled "Evaluating Miriam Solomon's *Social Empiricism: The Environmental Endocrine Hypothesis*," graduated December 2006
- Jonathan Tall, thesis titled, "Informed Decision Making," graduated May 2006
- Robert Rose, thesis titled, "Three Views of Anomaly and Their Heuristic Utility," graduated May 2005

Graduate committee member for Whitney Broussard (Ph.D. student in Oceanography and Coastal Studies)

Professional Service and Leadership

Leadership for Conferences, Workshops, and Professional Societies

Co-Chair (with Katie Kendig and Sean Valles), local organizing committee, SPSP2020 (Biennial Meeting of the Society for Philosophy of Science in Practice), East Lansing, MI, July 2020

Member, Planning Committee, “Emerging Technologies to Advance Research and Decisions on the Environmental Health Effects of Microplastics,” workshop of the National Academy of Sciences Committee on Emerging Science for Environmental Health Decisions, January 2020

Member, Planning Committee, “Emerging Advances in Artificial Intelligence for Environmental Health Research and Decisions,” workshop of the National Academy of Sciences Committee on Emerging Science for Environmental Health Decisions, June 2019

Chair, Program Committee, PSA2018 (Biennial Meeting of the Philosophy of Science Association), Seattle, WA, Nov. 1-4, 2018

Member, Planning Committee, “Understanding Pathways to a Paradigm Shift in Toxicity Testing and Decision-Making,” workshop of the National Academy of Sciences Committee on Emerging Science for Environmental Health Decisions, November 2017

Member, Poster Committee, PSA2016 (Biennial Meeting of the Philosophy of Science Association), Atlanta, GA, Nov. 3-5, 2016

Reviewer, IEEE International Symposium on Ethics in Engineering, Science, and Technology, ETHICS 2016, Vancouver, Canada, May 2016

Workshop co-organizer (with Anjan Chakravartty, Melinda Gormley, Janet Kourany, and Jessica Nickrand), “The Collaboration Conundrum: Special Interests and Scientific Research,” University of Notre Dame, Nov. 5-6, 2015

Member, workshop organizing committee, “Knowledge from the Margins,” Michigan State University, August 18-19, 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, Program Committee, PSA2014 (Biennial Meeting of the Philosophy of Science Association), Chicago, IL, Nov. 6-9, 2014

Member, Programme Committee, European Philosophy of Science Association meeting, Helsinki, Finland, 2013

Workshop co-organizer (with Don Howard), “Cognitive Attitudes and Values in Science,” University of Notre Dame, June 6-7, 2013.

Member, Program Committee, Science-Policy Interactions and Social Values Conference, University of Texas-Dallas, April 2012

Conference co-organizer (with Justin Weinberg), “Science, Knowledge, and Democracy,” University of South Carolina Three Rivers Philosophy Conference, April 1-3, 2011; co-recipient with Justin Weinberg of an American Philosophical Association grant for \$1,700 to support the conference

Member, Program Committee, Society of NanoScience and Emerging Technologies Conference, Seattle, WA, Sept. 2009

Member, Review Committee for awarding the Marjorie Grene Prize, International Society for History, Philosophy, and Social Studies of Biology, 2007, 2009, and 2011

Member, Membership Development Committee, International Society for History, Philosophy, and Social Studies of Biology, 2007-2009

Journal Editing

Associate Editor, *Philosophy of Science*, January 2019-present

Associate Editor, *BMC Medical Ethics*, September 2015-April 2017

Member, Editorial Board, *Accountability in Research*, May 2012-present

Member, Editorial Board, *Ethics, Policy, & Environment* (formerly *Ethics, Place, & Environment*), Jan. 2011-present

Academic Peer Reviewing

Ad hoc reviewer for journals: *Academic Medicine; Analysis; Biology and Philosophy; British Journal for the Philosophy of Science; Citizen Science; Environmental Health Perspectives; Ecological Economics; Economics and Philosophy; Environmental Values; Erkenntnis; European Journal for Philosophy of Science; Foundations of Science; Higher Education Policy; Hyle; Integrated Environmental Assessment and Management; Journal of Evaluation in Clinical Practice; Journal of General Philosophy of Science; Journal of Responsible Innovation; Kennedy Institute of Ethics Journal; Lancet; Mind; Nanoethics; Perspectives on Science; Philosophical Psychology; Philosophy of Science; Philosophy and Technology; PLoS Biology; Public Affairs Quarterly; Reflections in Mutation Research; Science and Public Policy; Science of the Total Environment; Social Science and Medicine; Spontaneous Generations; Studies in Ethics, Law, and Technology; Studies in History and Philosophy of Biological and Biomedical Sciences; Studies in History and Philosophy of Science; Synthese; Techne; Technology and Culture; Theoretical Medicine and Bioethics; Theoria*

Ad hoc reviewer of grant proposals for the National Science Foundation, Humboldt Foundation Research Fellowships, the Canada Research Chair program, the Netherlands Organization for Scientific Research, the Research Foundation of Flanders

Ad hoc reviewer of book manuscripts for Cambridge University Press, Lexington Press, MIT Press, Oxford University Press, Wiley-Blackwell

External writer for tenure/promotion cases in 2011, 2012, 2017, and 2018

Institutional Service

Service at MSU

Member of LBC ad hoc committee on annual performance evaluation policies, 2020

Contributor to strategic planning for FW: member of the strategic planning committee in 2019 and coordinator for the "Conservation Social Science" white paper, 2019-2020

Chair of LBC ad hoc committee on annual merit review policies and criteria, 2018-2019

Coordinator for LBC HPS writing studios, 2016-2018

Coordinator for advising of LBC HPS majors, 2016-2018

Co-convener (with Robyn Bluhm) of LBC HPS group and liaison to the LBC Dean, 2016-2017

Member of search committees: Fixed-Term LBC instructors, spring 2014; Philosophy of Neuroscience, 2014-2015; Fixed-term LBC instructor, 2016; Sociology of Science, 2018

Member of committees: Briggs EPC Committee (2014-2015), Fisheries and Wildlife Awards Committee (2015-present), University Council/Faculty Senate (2015-2016), Chair of Inquiry Panel for potential case of research

misconduct (2017), Briggs Mentoring Committee (2018-2019), Fisheries and Wildlife Curriculum Committee (2018-2020)

Service at USC

Director of Graduate Studies, USC Philosophy Department, Spring 2010

Director of Undergraduate Advising, USC Philosophy Department, Fall 2007

Member of search committees: Vice President for Research, summer 2011; Bioethics and Philosophy of Medicine, 2006-2007; Philosophy of Science, 2007-2008; Philosophy of Science, 2011-2012

Member of committees: Advisory Committee for the USC School of Earth, Ocean, and Environment, Fall 2011-2012; Faculty Oversight Committee for the VPR's Sustainability Initiative, Spring 2011; First Year Reading Experience Organizing Committee, Spring 2011; Graduate Committee for the Department of Philosophy, 2006-2014; Michael J. Mungo Undergraduate Teaching Awards Committee, Summer 2010-2012; USC Farmer's Market advisory committee, January 2010-2012; Awards Committee for the Department of Student Life, Spring 2010-2012; USC Udall Selection Committee, 2007-2014

Service at LSU

Member of committees: Steering Committee of the LSU Collegium for Science and Religion, 2004-2006; Pennington Biomedical Research Center Institutional Review Board, 2004-2006; Pennington Biomedical Research Center Stem Cell Group, 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.