

Jonathan Beever

Department of Philosophy and the Texts & Technology Ph.D. Program
The University of Central Florida, Orlando, FL
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Professional Appointments

Assistant Professor of Ethics and Digital Culture (August 2015 – present)
Department of Philosophy and Texts & Technology Program at The University of Central Florida

Post-Doctoral Scholar (August 2013 – July 2014)
The Rock Ethics Institute at The Pennsylvania State University

Postdoctoral Researcher in Biomedical Engineering Ethics (Jan 2013 – July 2013)
Purdue University, Weldon School for Biomedical Engineering, NSF-funded award #1237868.

Education

Ph.D., Philosophy (September 2006 - December 2012)
Purdue University, West Lafayette, IN
Dissertation: *The Semiotic Foundation of an Ecological Ethic*, with distinction
Committee: Mark Bernstein (Chair – Purdue University), Bernard Rollin (Colorado State University), Daniel Smith (Purdue University), Daniel Kelly (Purdue University)

B.A., Philosophy (September 1999 - May 2003)
University of Maine, Orono, ME, Summa Cum Laude
Honors Thesis, with Highest Honors: *Seduction as Postmodern Discourse: Notes from the Pineal Gland*

Areas of Specialization and Competence

Specializations: Applied Ethics (Bioethics, Environmental Ethics, Animal Ethics), Environmental Philosophy
Competencies: Normative Ethics, Semiotics, American Philosophy

Publications

N.B. Authorship order reflects equal contribution unless otherwise noted with an *.

Book-length Projects

Forthcoming

3. **Beever, J.**, McDaniel R., Stanlick, N. (2018). *Understanding Digital Ethics: Cases and Contexts*. Routledge.

In print

2. **Beever, J.** & Cisney V.W. (Eds). (2016). *The Way of Nature or the Way of Grace: Philosophical Footholds in Terrence Malick's The Tree of Life*. Northwestern University Press.
1. **Beever, J.** & Morar, N. (2013). *Perspectives in Bioethics, Science, and Public Policy*. Purdue University Press.



Peer-Reviewed Articles

In Print

18. **Beever, J.** & Morar, N. (August 2018). "The Ethics and Epistemic Onus of 'One Health'," *Bioethics*. 10.1111/bioe.12522.
17. **Beever, J.** & Whitehouse, P.J. (2018). "The Ecosystem of Bioethics: Building Bridges to Public Health." *Jahr: European Journal of Bioethics* 8/2(16): 227-243.
16. **Beever, J.** & Tønnessen, M. (2017). "Justifying Moral Standing by Biosemiotic Particularism." *Zeitschrift für Semiotik* 37(3-4): 31-54.
15. **Beever, J.** (2017). "The Ontology of Species: Commentary on Kasperbauer's 'Should We Bring Back the Passenger Pigeon? The Ethics of De-Extinction'." *Ethics, Policy, and Environment* <http://dx.doi.org/10.1080/21550085.2017.1291825>.
14. **Beever, J.** (2016). "The Mountain and the Wolf: Leopold's Uexkullian Influence." *Resilience: A Journal of the Environmental Humanities* 4(1): 85-109.
13. **Beever, J.** (2016). "Teaching Ethics Ecologically: Decision-Making Through Narrative." *Teaching Ethics* 16(2): 195-206.
12. **Beever, J.** & Morar, M. (2016). "Bioethics and the Challenge of the Ecological Individual." *Environmental Philosophy* 13(2):215-238.
11. **Beever, J.** & Morar, N. (2016). "The Porosity of Autonomy: Social and Biological Constitution of the Individual in Biomedicine." *American Journal of Bioethics* 16(2): 34-45.
10. **Beever, J.** & Brightman, A.O. (2016). "Reflexive Principlism As An Effective Approach for Developing Ethical Reasoning in Engineering." 2016 [online Feb 2015]. *Science and Engineering Ethics* 22(1):275-291.
9. **Beever, J.** (2015). "An Ecological Turn in American Indian Environmental Ethics." *Environmental Philosophy* 12(1): 1-19.
8. **Beever, J.** (2014). "On Zoosemiotics and Bridging the Value Gap." *Semiotica*. 198,121-135.
7. **Beever, J.** & Cisney, V. (2014). "All Things in Mind: Panpsychist Elements in Spinoza, Deleuze, and Peirce." *Biosemiotics* 6(3), 351-365.
6. **Beever, J.** & Tønnessen, M. (2013). "'Darwin und die Englische Moral': The Moral Consequences of Uexkull's Umwelt Theory." *Biosemiotics* 6(3) 437-447.
5. *Tønnessen, M. (Trans.). (2013). "Jakob von Uexküll: Darwin and the English Morality. Translation of Jakob von Uexküll (1917). *Darwin und die englische Moral, Deutsche Rundschau* 173: 215-242." **Beever, J.** (Ed.) *Biosemiotics* 6(3) 449-471.
4. **Beever, J.** (2013). "Baudrillard's Simulated Ecology." *Sign Systems Studies* 41(1/2): 82-92.
3. **Beever, J.** (2012). "Violence, Terrorism, and the Symbolic Response." *International Journal of Baudrillard Studies* 9(2): https://www2.ubishops.ca/baudrillardstudies/vol9_2/v9-2-beever.html.
2. **Beever, J.** (2012). "Meaning Matters: The Biosemiotic Basis of Bioethics." *Biosemiotics*, 5:2. 181-191.
1. **Beever, J.** (2008). "Not Nanoethics, but Nanosemiotics." *Semiotics* 2008: 708-715.

Peer-Reviewed Chapters

Forthcoming

1. *Hess, J.L., **Beever, J.**, Brightman, A.O., Zoltowski, C. (December 2017). "Enhancing Engineering Students' Ethical Reasoning: Situating Reflexive Principlism with in the SIRA Framework," *Journal of Engineering Education*.
*Brightman, A.O., **Beever, J.**, Hiles, M. (August 2017). "Using Biomedical Principlism to Guide Ethical Medical Device Development," In *Next Generation Ethics: Engineering a Better Society*. Gee, S.&



Abbas, A. (Eds.). Cambridge University Press. (*in press*).

In Print

6. *Hess, J., **Beever, J.**, Strobel, J., Brightman, A.O. (2017). "Empathic Perspective-Taking and Ethical Decision-Making in Engineering Ethics Education." In *Philosophy and Engineering: Exploring Boundaries, Expanding Connections*: 163-179, Byron Newberry, B., Michelfelder, D., Zhu, Q.(Eds.). Springer.
5. **Beever, J.** (2016). "Symbolic Violence as Subtle Virulence: A Philosophy of Terrorism." In *Re-Visioning Terrorism: A Humanistic Perspective*: 163-179, Lawton, B. & Coda, E. (Eds.). West Lafayette, Purdue University Press.
4. **Beever, J.** (2016). "The World of Representation in *The Tree of Life*." In *The Way of Nature and the Way of Grace: Philosophical Footholds on Terrence Malick's The Tree of Life*: 233-250, Cisney, V. & **Beever, J.** (Eds.). Northwestern University Press.
3. **Beever, J.** (2015). "Have Hope, Not too Much, Mostly for Plants: Hope in Environmental Moral Literacy." In *Ecology, Ethics, and Hope*: 111-126, Brei, A. (Ed.). Rowman and Littlefield.
2. *Tønnessen, M. & **Beever, J.** (2015). "Beyond Sentience: Biosemiotics as Foundation for Animal and Environmental Ethics," In *Animal Ethics & Philosophy: Questioning the Orthodoxy*: 47-62, Hadley, J. & Aaltola, E. (Eds.). Rowman and Littlefield, International.
1. *Springer, J.A., **Beever, J.**, Morar, N., Sprague, J.E., Kane, M.D. (2010). "Ethics, Privacy, and the Future of Genetic Information in Healthcare Information Security," In *Information Assurance and Security Ethics in Complex Systems: Interdisciplinary Perspectives*: 186-205, Dark, M. (Ed.). IGI Global Springer.

Peer-Reviewed Conference Proceedings

In Print

8. **Beever, J.** and Pinkert, L.A. (2018). "Identifying Moral Foundations and Disciplinary Frameworks of Engineering Ethics." *American Society for Engineering Education 2018*. Paper ID #22839.
7. **Beever, J.** (2018). "The Value of Ethics in Engineering: Hypotheses and Preliminary Data." *American Society for Engineering Education 2018*. Paper ID #22824.
6. **Beever, J.** & Brightman, A.O. (2016). "A Principlist Approach for Thinking about the Social Impacts of Engineering." Conference Proceedings of the American Society for Engineering Education. Paper ID #16973.
5. **Beever, J.** & Hess, J. (2016). "Deepwater Horizon Oil Spill: An Ethics Case Study in Environmental Engineering." Conference Proceedings of the American Society for Engineering Education. Paper ID #15112.
4. *Hess, J., **Beever, J.**, Iliadis, A., Kisselburgh, L., Zoltowski, C., Krane, M. and Brightman, A.O.* (2014). "A Transfer Case Assessment Tool for Measuring Ethical Reasoning Abilities of Engineering Students Using a Reflexive Principlism Approach." *Frontiers in Education 2014*.
3. *Kisselburgh, L., Zoltowski, C., **Beever, J.**, Hess, J., Iliadis, A., Krane, M., Brightman, A.O.* (2014). "Effectively Engaging Engineers in Ethical Reasoning about Emerging Technologies: A Cyber-Enabled Framework of Scaffolded, Integrated, and Reflexive Analysis of Cases." *Proceedings of the 2013 IEEE Frontiers in Education Conference (FIE 2013)*: 1561-1563.
2. **Beever, J.** (2011). "Symbolic Violence as Subtle Virulence: The Philosophy of Terrorism." *Proceedings: Revisioning Terrorism*. Purdue University Press.
<http://docs.lib.purdue.edu/revisioning/2011/910/18>.
1. **Beever, J.** (2009). "On the Scope of Valuation in Peirce's Teleology." *Proceedings of the Semiotic Society of America*.

Editor-Reviewed Entries, Reviews, and Responses



In Print

9. Kuebler, S., **Beever, J.** (2018). Kuebler, S. and **Beever, J.** 2018. "Ethics is for Everyone." *UCF Forum*.
9. **Beever, J.** (2018). Book review. "On Expecting Relations: Review of Wendy Wheeler's *Expecting the Earth: Life, Culture, Biosemiotics* (2016)." *New Formations*, Issue 92.
8. *Tønnessen, M., **Beever, J.**, Hendlin, Y.H. "Introducing Biosemiotic Ethics." (2017). *Zeitschrift für Semiotik* 37(3-4): 3-12.
7. ***Beever, J.**, Tønnessen M., Hendlin, Y.H. (2017). "Interview on Biosemiotic Ethics with Wendy Wheeler." *Zeitschrift für Semiotic* 37(3-4): 177-188.
6. **Beever, J.** (2017). "Anthropocentrism in the Anthropocene." *Encyclopedia of the Anthropocene*: 39-44, Jennings, B. (Ed.), Elsevier.
5. **Beever, J.** & Morar, N. (2017). "Interconnectedness and Interdependence: Challenges for Public Health Ethics." *American Journal of Bioethics* 17(9):1-3. Invited Peer Commentary.
4. **Beever, J.** & Morar, N. (2016). "The Porosity of Autonomy: (Some) Replies to our Colleagues." *American Journal of Bioethics* 16(4): W4-W6w. Invited Response to Commentary.
3. **Beever, J.** (2013). "Biocentrism vs. Anthropocentrism." *Bioethics: 4th Edition*, Vol. 1: 320-323, Jenning, B. (Ed.), MacMillan Reference.
2. **Beever, J.** (2013). "Bioethics at Purdue University." *Encyclopedia of Food and Agricultural Ethics*. DOI 10.1007/978-94-007-6167-4_374-6.
1. **Beever, J.** (2013). Book review. 2013. Beever, Jonathan. "Review of Ronald L. Sandler's *The Ethics of Species* (2012)." *Environmental Values* 22(6): 792-794.

Work Under Review

1. Beever, J. (2018). The Horror of Relations: The Dark Side of Interdependence. *Philosophy Now*.

Works In Preparation

5. Waldmann, E. & **Beever, J.** "Epistemic Assumptions in Soundscape Ecology Sampling Models."
4. **Beever, J.**, & Spector-Bagdady, K. "The Individual and the Community of Data: A Public Health Perspective on the Common Rule."
3. **Beever, J.** "The Genealogy of Bioethics: Term and Concept."
2. **Beever, J.** "The Ecology of Meaning and Mattering."
1. **Beever, J.** "Soundscape Conservation Values."

Research Support and Grant-Writing*Funded*

8. **Beever, J.** (PI) & Kuebler, S. (2018). Office of Research & Commercialization's (ORC) Research Mentoring Opportunity. \$3000.
7. **Beever, J.** & Kuebler, S. (co-PIs). (2017-2018). "Cultivating a Culture of Ethical Research across UCF," COACHE Level 2 Award Program. \$10000.
6. **Beever, J.** & Kuebler, S. (co-PIs). (2017-2018). "Cultivating an Institutional Culture of Ethics and Responsible Conduct," COACHE Award Program. \$5000.
5. **Beever, J.** (PI). (2017-2018). "Ecological and Psychological Implications of Liminal Space: A Study in Soundscape Ecology and Conservation," UCF Advancement of Early Career Researchers Grant. \$7500.
4. **Beever, J.** (PI). (2012-2013). "Interdisciplinary Ethics Education Evaluation," Purdue Discovery, Engagement And Learning (DEAL). \$2500.
3. Tuana, N., Richard, T., Schienke, E. (2014). "Graduate Pedagogy for Ethical Dimensions of Coupled Natural and Human Systems Research." NSF EESE Grant #1135327. \$296,736. **Beever, J.** as a postdoc developed graduate seminars on research integrity in science and engineering as part of this project.



2. Brightman, A.O. (PI), NSF Ethics Education in Science and Engineering Grant (2012-2015) Award #1237868, \$300,000 for *SIRA Modules for Effectively Engaging Engineers in Ethical Reasoning About Emerging Technologies*. **Beever, J.** was member of grant-writing team.
1. **Beever, J.** (PI). "Graduate Research Assistant Funding for the Bioethics Seminar Series." Purdue University Provost and Global Policy Research Institute (2011-2014). \$72,000. Self-initiated proposal to support a seminar series Beever developed as a graduate student. The award supported 0.75 FTE graduate student appointments to run what has become the Lectures in Ethics, Policy, and Science. That funding support remains ongoing.

Fellowships, Awards, and Honors

5. "PRIME Ethics - Purdue's Reflective & Interactive Modules for Engineering Ethics." Brightman, Beever, Hess, Iliadis, Kisselburgh, Krane, Loui, Zoltowski. *Infusing Ethics into the Development of Engineers*. National Academy of Engineering Exemplary Program. (2015).
4. Forest History Society (FHS) Alfred D. Bell Travel Scholarship (2013).
3. Visiting Soundscape Fellow, Global Sustainable Soundscapes Network (2012 and 2013).
2. Visiting Research Fellow, Aldo Leopold Foundation (May 2012 – June 2012).
1. Kaufmann Foundation Purdue Realization and Entrepreneurship Ph.D. and Postdoctoral Fellowship (2011-2012).

Peer-Reviewed Conference Presentations

Completed

53. **Beever, J.** (Oct 2018). "Term and Concept: Genealogy in Bioethics." *American Society of Bioethics & the Humanities Early Career Advisors Program*. Anaheim, CA.
52. **Beever, J.** (Nov 2018). "Sound, Silence, Environment: Liminality." *Semiotics of Hybrid Natures*. University of Tartu, Estonia.
51. **Beever, J.** (2018). "The Value of Ethics in Engineering: Hypotheses and Preliminary Data." *American Society for Engineering Education*. Salt Lake City, UT.
50. **Beever, J.** & Pinkert, L.A. (2018). "Moral Foundations and Ethical Frameworks: Analyzing Engineering Ethics." *American Society for Engineering Education*. Salt Lake City, UT.
49. **Beever, J.** (2018). "Ethical Practice in the Engineering Workplace. ASEE Postcard Roundtable: Preparing Co-Op and Internship Students for the Engineering Workforce." *American Society for Engineering Education*. Salt Lake City, UT.
48. Lam, C., Pinkert, L.A., & **Beever, J.** (2018). "Aligning Methods and Materials with Questions and Concepts: A Closer Look at a Study of Moral Foundations and Ethical Frameworks." *UCF DWR Symposium*. University of Central Florida.
47. **Beever, J.** (2018). "The Dark Side of Interdependence: Threats of Zombies in *Resident Evil*." *Gettysburg College Philosophy and Film Seminar*. Gettysburg, PA.
46. **Beever, J.** & Morar, N. (2017). "Role of Metaphors of Interdependence in Public Health Ethics." *American Public Health Association*. Atlanta, GA.
45. Clarke, R., **Beever, J.**, & Argo, B. (2017). "Noise and Nature in the Anthropocene: Soundscape Ecology to Understand Liminal Space." *HASTAC 2017*. Orlando, FL.
44. **Beever, J.** & Morar, N. (2017). "The Epistemic and Ethical Onus of "One Health." *American Society for Bioethics and the Humanities Early Career Advisor Program*. Kansas City, MO.
43. Morar, N. & **Beever, J.** (2017). "One Health: The Role of Metaphors of Interdependence in Bioethics." *American Society for Bioethics and the Humanities*. Kansas City, MO.
42. Rassner, I., Hiles, M., **Beever, J.**, & Brightman, A.O. (2017). "Addressing the Critical Need for Effectively Translating Ethics Education into the Engineering Workplace." *American Society for Engineering Education*. Columbus,



- OH. [distinguished lecture]
41. **Beever, J.** & Hannah, M. (2017). "Ethical Foundations in Team Science Settings." *2017 Science of Team Science Conference*. Clearwater, FL.
 40. **Beever, J.** (2017). "Conceptualizing Ethical Decision-Making in Team Science." *2017 Science of Team Science Conference*. Clearwater, FL.
 39. **Beever, J.** (2017). "Biosemiotics of Sound and Silence: Interdependence and Value in a Noisy World." *Seventeenth Annual Gatherings in Biosemiotics*. Lausanne, Switzerland.
 38. **Beever, J.** & Morar, N. (2016). "Rethinking Public Health Ethics Ecologically." *Socially Relevant Philosophy of/in Science and Engineering* special session at the *Philosophy of Science Association*. Atlanta, GA.
 37. **Beever, J.** (2016). "All Bioethics is Public Health Ethics." *American Society for Bioethics and the Humanities*. Washington, D.C.
 36. **Beever, J.** (2016). "Privacy and Confidentiality in the Digital Era." *American Society for Bioethics and the Humanities*. Washington, D.C.
 35. **Beever, J.** & Morar, N. (2016). "How to Rethink Public Health Ethics Ecologically." *American Society for Bioethics and the Humanities: Environmental Bioethics Affinity Group*. Washington, D.C.
 34. **Beever, J.** & Morar, N. (2016). "The Constitution of the Self." *International Association for Environmental Philosophy*. Salt Lake City, UT.
 33. **Beever, J.** & Brightman, A.O. (2016). "A Principlist Approach for Thinking about the Social Impacts of Engineering." *American Society for Engineering Education*. New Orleans, LA.
 32. Kisselburgh, L., Hess, J., Zoltowski, C., **Beever, J.**, Brightman, A.O. (2016). "Assessing a Scaffolded, Interactive, and Reflective Analysis Framework for Developing Ethical Reasoning in Engineering Students." *American Society for Engineering Education*. New Orleans, LA.
 31. **Beever, J.** & Hess, J. (2016). "Deepwater Horizon Oil Spill: An Ethics Case Study in Environmental Engineering." *American Society for Engineering Education*. New Orleans, LA.
 30. **Beever, J.** (2016). "Deepwater Horizon Oil Spill: An Ethics Case Study in Environmental Engineering." *Association for Practical and Professional Ethics*. Washington, D.C.
 29. **Beever, J.** (2015). "Meaning and Mattering: Framing the Value of Nature through Ecologies of Meaning." *The Florida Philosophical Association*. Flagler College, St. Augustine, FL.
 28. **Beever, J.**, N.Morar (2015). "Social and Biological Constitution of the Patient in Biomedicine." *American Society for Bioethics and the Humanities*. Houston, TX.
 27. **Beever, J.**, Lee, L.M., Jennings, B., Whitehouse, P.J. (2015). "Bridging Bioethics: Historical and Contemporary Engagements." *American Society for Bioethics and the Humanities*. Houston, TX.
 26. **Beever, J.**, Lee, L.M., Jennings, B., Whitehouse, P.J. (2015). "Re-conceptualizing Bioethics: Public, Individual, and Environment." *American Public Health Association*. Chicago, IL.
 25. **Beever, J.**, Lee, L.M., Jennings, B., Whitehouse, P.J. (2015). "Public Health Ethics: Bridging Medical, Public Health, and Environmental Ethics." *International Association for Environmental Philosophy*. Atlanta, GA.
 24. Brightman, A.O. & **Beever, J.** (2015). "Reflexive Principlism and Emerging Shifts in Ethics in Engineering." *International Communication Association Nordic Regional Conference*. Copenhagen.
 23. **Beever, J.**, Brightman, A.O., Zoltowski, C., Hess, J. (2015). "New Paradigms and Tools for Engineering Ethics." *American Society for Engineering Ethics*. Workshop.
 22. **Beever, J.** (2015). "Conceptualizing Ethical Decision-Making: Scale, Scope, and Skill." *Penn State Moral Literacy Colloquium*. University Park, PA.
 21. **Beever, J.** (2015). "Ethical Decision-Making Methodologies Across Disciplines." *Socially Relevant Philosophy of/in Science and Engineering*. Detroit, MI.
 20. **Beever, J.** & Morar, N. (2014). "Toward an Ecological Bioethics." *International Association for Environmental Philosophy, American Philosophical Association*. Philadelphia, PA.
 19. **Beever, J.** & Morar, N. (2014). "Patients as Biological and Social Communities in Biomedicine." *Society for Socially Relevant Philosophy of/in Science and Engineering, American Philosophical Association*. Philadelphia, PA.
 18. **Beever, J.** (2014). "Putting Life in Bioethics: Bridging the Past and the Future." *American Society for Bioethics and the*



Humanities. San Diego, CA.

17. **Beever, J.** & Morar, N. (2014). "Patients as Biological and Social Communities in Biomedicine." *American Society for Bioethics and the Humanities Early Career Scholars Program*. San Diego, CA.
16. **Beever, J.** (2014). "Soundscape Ecology and Environmental Valuation." *International Association for Environmental Philosophy*, New Orleans, LA.
15. Hess, J., **Beever, J.**, Brightman, A.O. (2014). "An Ethics Transfer Case Assessment Tool for Measuring Ethical Reasoning Abilities of Engineering Students Using Reflexive Principlism Approach." *IEEE Frontiers in Education Conference*, Madrid.
14. Kisselburgh, L., Zoltowski, C., **Beever, J.**, Hess, J., Iliadis, A., Krane, M., Brightman, A. (2014). "Effectively Engaging Engineers in Ethical Reasoning about Emerging Technologies: A Cyber-enabled Framework of Scaffolded, Integrated, and Reflexive Analysis of Cases." *American Society for Engineering Education*. Indianapolis, IN.
13. Hess, J., **Beever, J.**, Strobel, J., Brightman, A.O. (2014). "Empathy and Ethical Reasoning in Engineering Ethics Education." *fPET-2014*, (Hess presenting). Virginia Tech, VA.
12. **Beever, J.** (2014). "Peirce, Biosemiotics and the Scope of Semiosis." *Society for the Advancement of American Philosophy*. Denver, CO.
11. **Beever, J.** (2014). Bioethics as Ecological Ethics: the Human in Context and Community, *Case Western Reserve University*. Cleveland, OH.
10. **Beever, J.** (2013). "Reflexive Principlism in an Online Context." *Society for Ethics Across the Curriculum*. Corvallis, OR.
9. **Beever, J.** (2013). "A Value Bias in Biomedicine." *Third Annual Western Michigan University Medical Humanities Conference*. Kalamazoo, MI.
8. Kisselburgh, L., Zoltowski, C. **Beever, J.**, Hess, J., Krane, M., Brightman, A.O. (2013). "Enabling Engineering Ethics: Using Scaffolded, Integrated, and Reflexive Analysis (SIRA) of Cases and Cyber-enabled Learning to Develop Moral Reasoning." *IEEE Frontiers in Education Conference*, (Kisselburgh and Hess presenting).
7. **Beever, J.** (2013). "An Ecological Turn in American Indian Environmental Ethics." *Summer Institute for American Philosophy*. University of Oregon, Eugene.
6. **Beever, J.** (2013). "The Intrinsicity of Value: A Case Study in Soundscapes." *International Society for Environmental Ethics (ISEE): Tenth Annual Meeting on Environmental Philosophy*. East Anglia, UK.
5. Beever, J. (2013). "Case Study Modules For Effectively Engaging Engineers in Moral Reasoning About Developing Technologies." *The Seventh Annual International Conference on Ethical Issues in Biomedical Engineering*. SUNY Downstate Medical Center.
4. **Beever, J.** (2012). "Refocusing Ethics Education and Moral Reasoning in Engineering." *14th Annual Meeting of the Society for Ethics Across the Curriculum*. Grand Rapids, MI.
3. **Beever, J.** (2011). "Toward a Biosemiotic Approach to Environmental Ethics." *11th Gathering in Biosemiotics*. The Dactyl Foundation, New York, New York.
2. **Beever, J.** (2011). "On Zoosemiotics and Bridging the Value Gap." *Zoomsemiotics and Animal Representation*. Tartu, Estonia.
1. **Beever, J.** (2007). "Baudrillard, Simulated Ecology, and Recovering Reminders of the Real: The As is Through the As If." *Semiotic Society of America*. New Orleans, LA.

Invited

20. **Beever, J.** (October 25, 2018). "A Socratic Seminar on Small and Large Scale Bioethical Problems: IVF, Biospecimens, and Climate Change." *Phi Delta Epsilon Pre-Med Organization*. University of Central Florida.
19. **Beever, J.** (October 2, 2018). "Civic Engagement and Ethical Literacy." *Florida Chapter of the American Society for Public Administration*. Orlando City Hall, Orlando, FL.
18. **Beever, J.** (April 30, 2018). "Biohacking Brains and Bodies: Ethical Implications of Transhumanism." *Shaping AI and Augmented cognition in the USAF of 2030*. Online WebEx.
17. **Beever, J.** and L. Favela. (2018). "Bioethics: A Case Study Discussion." *Phi Delta Epsilon Pre-Med Organization*. University of Central Florida.



16. **Beever, J.** (2018). "Bioethics and DNR Tattoos." *American Medical Student Association*. University of Central Florida.
15. **Beever, J.** (2017). "Ethics and Chemistry." *Florida Chemistry Conclave*. University of Central Florida.
14. **Beever, J.** (2016). "Building Bridges: The Genealogy of Bioethics." *Cancer Culture and Community 2016*. Purdue University. West Lafayette, IN.
13. **Beever, J.** (2016). "Environmental and Societal Impacts to Living Longer." *The Ethics of Transhumanism* panel talk with Ginger Leigh, Mason Cash, and Zoltan Istvan.
12. **Beever, J.** (2015). "Ethical Decision-Making in Interdisciplinary Science." *Team Science Summit 2015*, Arizona State University.
11. **Beever, J.** (2015). "Reconsidering Autonomy." *International Association of Clinical Research Nurses Seminars in Ethics, Health Care Research, and Nursing Practice*. [GoToWebinar].
10. **Beever, J.** (2014). "The Porosity of Autonomy." *Philosophy and Medicine Workshop*. Bowling Green State University, Bowling Green, OH. Plenary Speaker.
9. **Beever, J.** (2014). "Valuing Nature's Voices." *Global Sustainable Soundscapes Network 2014*, Wells, ME.
8. **Beever, J.** (2013). "Goodwashing': Values, Ethics, and Science." *Purdue University Department of Agronomy Seminar*. West Lafayette, IN.
7. **Beever, J.** & Weldon, R.L. (2013). "'We have Moral Obligations to Those to Whom We are Connected': Ethics and Privilege." *Purdue Ecological Sciences and Engineering Program Colloquium*. West Lafayette, IN.
6. **Beever, J.** (2012). "Bioethics and the Environment." *Invited Keynote for the Purdue Bioethics Symposium*. West Lafayette, IN.
5. **Beever, J.** (2012). "Research Ethics and Philosophical Ethics: the Relationships between Codes, Principles, and Moral Reasoning." *Purdue Institutional Review Board Retreat*.
4. **Beever, J.** (2012). "Bioethics and Environmental Value: How We Reason About Things that Morally Matter." *Aldo Leopold Foundation Public Brown Bag*, Aldo Leopold Center, Baraboo, WI. Available online at <https://www.youtube.com/watch?v=4GviNafYdS4> with 45000 views, 27 likes, and 417 subscriptions.
3. **Beever, J.** (2012). "Ethics, Bioethics, and Moral Reasoning: How to Live Well in a Complex World." *Inaugural Address to the Philosophy Club*, Indiana University Kokomo.
2. **Beever, J.** (2012). "Stakeholders of Today in Human Research: The Ongoing Legacy of Henrietta Lacks." *Panel discussion for the College of Health and Human Science* (with Philip Low (Biochemistry) and Elizabeth Campbell (HRPP Director)), Purdue University.
1. **Beever, J.** (2012). "Bioethics and Public Policy at Purdue." *Purdue Global Policy and Research Institute Salon*, Washington, D.C.

Non Peer-Reviewed

1. Kisselburgh, L., Zoltowski, C., **Beever, J.**, Hess, J., Iliadis, A., Krane, M., Brightman, A.O. (2013). *SIRA Framework to Develop Moral Reasoning in Engineers*. *National Science Foundation workshop for Ethics and Education in Science and Engineering*. Washington, DC. Poster.

Ph.D. Advising

Completed

6. Montaquila, J. (2017). "Personnel Security and Insider Threat Considerations in a Law Enforcement Sample: Behavioral Modeling Based upon the Results from a Simulated Cheating Task. UCF Institute for Simulation and Training, Ph.D. Committee Member. (Chair: Dr. Bruce Caulkins).

In Progress

5. DeArmas, N. (Summer 2018). Ph.D. Committee member
4. Moeller, L. (Summer 2019). Ph.D. Committee member
3. Thomas, P. (Summer 2020). Ph.D. Chair
2. Clarke, R. (Summer 2020). Ph.D. Chair
1. Tarvin, E. (Summer 2021). Ph.D. Chair



Teaching

** course new to Beever and to Department/Program

* course new prep for Beever

+ online mode

Graduate Instruction

16. Directed Readings (ENG 7919) – Spring 2018, University of Central Florida (Clarke and Thomas)
15. Knowledge, Responsibility, and Society (PHI 5665) – Spring 2018, University of Central Florida*+
14. Professionalization of Texts & Technology (ENG 6826) – Fall and Spring 2017, University of Central Florida*
13. Directed Independent Study (PHI 5907) – Fall 2017, University of Central Florida
12. Cultural Contexts of Texts and Technology (ENG 6811) – Spring 2017, University of Central Florida**
11. Theoretical and Applied Ethics (PHI5627) – Spring 2016, University of Central Florida*
10. Sound, Silence, Environments (ENG6939) – Spring 2016, University of Central Florida**
9. Digital Ethics (PHI6938) – Spring 2015, University of Central Florida**
8. Intersections of Anthropology and Bioethics (Bioethics 596) – Spring 2015, Penn State University**
7. Anthropology and Conservation within Bioethics (Bioethics 596) – Fall 2014, Penn State University**
6. Research Integrity in Science and Engineering (Bioethics 597c) – Fall 2014, Penn State University
5. Research Integrity in Science and Engineering (Bioethics 597b) – Spring 2014, Penn State University, co-taught with Dr. Nicolae Morar**
4. Biomedical Engineering Ethics (BME 59500) – NSF Pilot – Fall 2013, Purdue University, co-taught with Dr. Andrew Brightman, Weldon School of Biomedical Engineering
3. Global Policy Issues (CINT 49900) – Graduate Mentor – Fall 2013 Purdue University (teaching assistant)
2. Biomedical Engineering Ethics (BME 595) – Summer 2011 Purdue University (teaching assistant)
1. Bioengineering Ethics (BME 595R) – Spring 2008 Purdue University (pilot course development and teaching assistance)

Undergraduate Instruction

14. Directed Reading (PHI4912 with Evan Waldmann) – Spring 2018, University of Central Florida
13. Ethical Issues in the 21st Century (PHI3638) – Fall 2017, University of Central Florida
12. Environmental Ethics (PHI3640) – Summer 2017, University of Central Florida+
11. Environmental Ethics (PHI3640) – Spring 2017, University of Central Florida*+
10. Directed Readings (Honors 4904H with Austin Tindle) – Spring 2016, University of Central Florida
9. Ethical Issues in the 21st Century (PHI3638) – Spring 2016, University of Central Florida
8. Ethical Issues in the 21st Century (PHI3638) – Fall 2016, University of Central Florida+
7. Ethical Issues in the 21st Century (PHI3638) – Fall 2015, University of Central Florida
6. Ethical Theory (PHI3670) – Fall 2015, University of Central Florida
5. Honors Introduction to Philosophy (PHI2010H) – Fall 2015, University of Central Florida
4. Introduction to Ethics (PHIL 111) – Spring 2011, Purdue University
3. Religions of the East (PHIL 330) – Spring and Fall 2010 Purdue University (teaching assistant)
2. Biomedical Ethics (PHIL 270) – Spring 2009 Purdue University (teaching assistant)
1. Animal Ethics (PHIL 280) – Fall 2008 Purdue University (teaching assistant)

Faculty Training

6. **Beever, J.** & Kuebler, S. (Apr 17, 2018). “Building a Culture of Ethical Literacy Across the Disciplines.” *Undergraduate Research Council*, University of Central Florida.
5. **Beever, J.** & Kuebler, S. (Feb 20, 2018). “Building a Culture of Ethical Literacy Across the



- Disciplines.” *Assistant Professor Development Program*, University of Central Florida.
4. **Beever, J.** & Kuebler, S. (Jan 31, 2018). “Cultivating a Culture of Ethical Leadership.” *Chairs & Directors Excellence Program*, University of Central Florida.
 3. **Beever, J.** & Kuebler, S. (Jan 23, 2018). “Cultivating a Culture of Ethical Leadership.” *Chairs & Directors Excellence Program*, University of Central Florida.
 2. **Beever, J.** & Kuebler, S. (Oct 12, 2017). “Ethics and Responsible Conduct Beyond RCR.” *College of Science New Faculty Workshops*, University of Central Florida.
 1. **Beever, J.** & Frisque, R. (2014-2016). “Teach the Teachers” College of Science Faculty Ethics Workshop (annual, week-long), Penn State University.

Guest Lectures

11. **Beever, J.** (2018). “Ethics in Optics.” *Frontiers in Optics* (Steven Kuebler), University of Central Florida.
10. **Beever, J.** (2018). “Data Ethics.” UCF Internet of Things REU Big Data and Ethics Workshop (Pamela Wisniewski), University of Central Florida.
9. **Beever, J.** (2018). “Digital and Cyber Ethics.” *Emerging Cyber Issues IDC 6600* (Bruce Caulkins), University of Central Florida.
8. **Beever, J.** (2017). “Ethics and Responsible Conduct in Optics Engineering.” *Frontiers in Optics OSE 4930* (Stephen Kuebler), University of Central Florida.
7. **Beever, J.** (2016). “Embedded Ethics and the Fact/Value Distinction.” Guest lecture, *Frontiers in Optics OSE 4930* (Stephen Kuebler), University of Central Florida., October 2016.
6. **Beever, J.** (2016). “Behavioral and Ethical Implications of Cybertechnologies.” Guest lecture, *Behavioral Aspects of Cybersecurity, IDC 6601* (Bruce Caulkins), University of Central Florida.
5. **Beever, J.** (2016). “Ethical Decision-Making in Conditions of Uncertainty.” Guest Speaker, ENG 6811, “Wicked” Discourse of Climate Change, University of Central Florida.
4. **Beever, J.** (2015). “Ethics in/and Science.” Guest lecture, *Frontiers in Optics OSE 4930* (Stephen Kuebler), University of Central Florida.
3. **Beever, J.** (2015). “Plant Ethics and Moral Standing In Research Integrity.” Guest lecture, BIOET 504, Penn State University.
2. **Beever, J.** (2014). “The Deepwater Horizon Oil Spill: A Case Study in Engineering Ethics.” *Graduate Seminar in Engineering Ethics*, Professor Andrew Brightman, Purdue University.
1. **Beever, J.** (2014). “Ethical Reasoning as a Design Process.” *Graduate Seminar in Engineering Ethics*, Professor Andrew Brightman, Purdue University.

Instructional Resources and Experience

4. Faculty Learning Community member (2015-2016), University of Central Florida.
3. Instructional Design and Learning (IDL 6543), University of Central Florida.
- 2.. SIRA Modules: Engineering Ethics Modules Utilizing Reflexive Principlism (Canvas Instructure course).
1. Research Integrity in Science and Engineering (RISE): Ethics Modules in Moral Literacy (2015), Penn State University.

Professional Service

Service to Profession (international)

- Division Chair of the Engineering Ethics Division, *American Society for Engineering Education*, 2017-2018.
- Session Moderator, *International Association for Environmental Philosophy*, Memphis, October 2017.
- Secretary, *International Association for Environmental Philosophy*, 2017.



- Guest editorship for Special Issue of *Zeitschrift für Semiotik: Biosemiotic Ethics*. Morten Tønnessen, Jonathan Beever, and Yogi Hendlin. #1/2 2016.
- Session Chair, Environmental Bioethics Affinity Group, *American Society for Bioethics and the Humanities*, 2016.
- Program Chair of the Engineering Ethics Division, *American Society for Engineering Education*, 2016-2017.
- Conference paper submission reviewer, *American Society for Engineering Education* LEES and Ethics Divisions, Fall 2016-2017.
- Conference paper submission reviewer, *Association for Practical and Professional Ethics* (Fall 2016), *Florida Philosophical Association* (Fall 2015), *Engineering Ethics Division, American Society for Engineering Education* (Fall 2015).
- Secretary of the Ethics Division, *American Society for Engineering Education*, 2015-2016.
- Proposal review: *The Animal Inside*. Rowman and Littlefield. 2015.
- Search Committee Member, Rock Ethics Institute co-funded hires in Biobehavioral Health and in Rural Sociology, 2015.
- Proposal review: *Values and Vaccine Refusal*. Taylor and Francis. 2013.
- Peer reviewer for manuscript submissions:
 - JAMA Oncology* (August 2018), *Journal of Medicine & Philosophy* (August 2018, November 2017), *Big Data and Society* (January 2016 and April 2016), *Science and Engineering Ethics* (October 2015), *Literature and Medicine* (September 2014), *Jahr - European Journal of Bioethics* (September 2014), *Environmental Philosophy* (July 2013 and April 2014), *Environment and Planning D: Society and Space* (February 2013), *Claritas* (July 2012), *Biosemiotics* (August 2011).

Service to Profession (national)

- Member, American Society for Engineering Education (ASEE) Ethics Task Force
- Participant, Penn State Bioethics Colloquium, “Interdependence.” *Penn State University* (digital participation), April 2018.
- Moderator and Judge, Southeast Regional Ethics Bowl, *University of Central Florida*, October 2016.
- Book proposal reviewer, *Beyond the Code: A How-To manual for the Ethical Engineer*. Routledge/Taylor & Francis, Fall 2015.
- Consultant, NSF Ethics Education in Science and Engineering Grant, Award #1237868, Brightman, A.O. (PI), 2012-2016.
- Session Chair, American Philosophical Association, Eastern Division, Philadelphia, PA, 2014.
- Mentor, postbaccalaureate and high school students in planning and organizing workshop on genetic modification and the environment, Summer and Fall 2014.
- Steering Committee Member, Global Sustainable Soundscape Network, 2014-2015.
- Invited Ambassador, “Office of Research Integrity, Quest for Research Excellence”, Georgetown University, 2012.

Service to University

- Talkback panelist (with Mark Trolice, MD), *Human Error*, UCF Theater, August 2018
- Poster Session Evaluator, NSF Research Experience for Undergraduates “The Internet of Things” (Damla Turgut, PI), June 2018
- RICHES Advisory Board Member (May 2018-present)
- Workshop Presenter, “FAR Out: Creating Annual Reports that Will, Like, Totally Wow Your Administrators,” *Assistant Professor Excellence Program*, University of Central Florida, April 2018
- Workshop Presenter, “Ethical and Legal Issues in Teaching and Learning,” Graduate Student Professionalization Workshops, University of Central Florida, 2017-2018.



- Workshop Presenter, “Personal Integrity as Graduate Students,” Graduate Student Professionalization Workshops, University of Central Florida, 2017-2018.
- Invited Ethics Bowl judge, IDH3600 Honors Case Studies in Ethics, UCF (Prof. Michael Strawser), November 2017.
- Invited Reviewer, VPR Advancement of Early Career Researchers 2017-2018 grant applications, UCF, October 2017.
- Interview with Dr. Gary Deel, “Following Carl – Episode #1 “A Philosopher’s Take on Employment Law.” UCF and UMA, July 2017.
- Peer reviewer for FL Division of Cultural Affairs General Program Support grant, UCF, May 2017.
- Peer reviewer for NEH Summer Stipend grant program, UCF. September 2016.
- Workshop Panelist, “The Job Search,” Workshop Series for Texts & Technology, Fall 2016.
- UFF-UCF, Alternate Senator, 2016-2019.
- Research Mentor Fair Presenter, UCF College of Medicine, Lake Nona Campus, Summer 2016.
- Grant Reviewer, Office of Research and Commercialization, University of Central Florida. May 2016.
- Member, Dean’s Advisory Committee. UCF, 2016-2018.
- Workshop Leader, “Teaching About Sustainability in Ways that Work: A Teaching Workshop for UCF Faculty.” UCF, February 22, 2016.
- Panel Discussion Leader, “GMOs and the Environment,” Penn State University, October 2014.
- Member, Acoustics and Soundscape Research Group, Penn State University, November 2013 – June 2015.
- Member, Marcellus Shale Research Group, Penn State University, November 2013 – June 2015.
- Co-Organizer, Sound/Science/Environment Workshop, Penn State University, April 2014.
- Co-Developer/Facilitator, Rock Research Ethics Lecture Series, Penn State University, 2013-2015.
- Poster Judge, Ecological Sciences & Engineering Symposium, Purdue University, October 2012.
- Steering Committee Member, Purdue Cancer Center 5k Challenge Race, Purdue University, 2009-2012.
- Guest Speaker, “Bioethics and Moral Reasoning.” Purdue Undergraduate Bioethics Club, Purdue University, September 2012.
- Guest Speaker, “Purdue Bioethics and Biomedical Engineering.” Biomedical Engineering Graduate Student Orientation. Purdue University, August 2012.
- Guest Speaker, “Ethics, Bioethics, and Moral Reasoning.” Inaugural address to the Purdue Undergraduate Bioethics Club, Purdue University, January 2012.
- Co-Developer/Facilitator, Bioethics Seminar Series (www.purdue.edu/bioethics) Purdue University, 2006 – 2012.

Service to Department and Program

- Internship for Bartley Argo in Texts & Technology (ENG 6946) – Summer 2017, University of Central Florida
- Organizer, UCF T&T Colloquium Series event, Dr. Bryan Pijanowski (Purdue), “Seven Sonic Pathways to Address a Silent Wicked Problem,” November 1, 2017 (cosponsored by T&T, CREATE, and CHDR).
- Panel Member, Digital Humanities faculty panel, *Intro to Texts & Technology*, UCF, October 2017.
- Advisor for Evan Waldmann, SURF Award Recipient Fall 2017 (he was unable to accept award due to other obligations), Harvard REU recipient, “Liminal Spaces” research team member.
- Teaching Observation, PHI 3033 Spring 2017 W, UCF, Dr. Jeanine Viau
- Chair, Ad Hoc Committee for Spending Money, Texts & Technology Program, UCF, March-May 2017.
- Chair, Curriculum Committee, Texts & Technology Program, UCF, 2017-2018
- Member, Curriculum Committee, Texts & Technology, UCF, 2015-2017, 2018-2019
- Workshop Leader, “Building Engagement in Online Courses,” Teaching Matters Workshop, Department of Philosophy, UCF, March 2017.



- Honors Committee Chair, Austin Tindle, [project postponed], Spring 2017.
- Speaker, “8x8” Faculty Lightning Talk, Texts & Technology, November 2016.
- Honors Committee Member, Diana Dominquez “The History of Inequality in Education and the Question of Equality Versus Adequacy,” Fall 2016.
- Guest Speaker, UCF Philosophical Society, “Soundscape Ecology and Environmental Value,” Spring 2016.
- Faculty Advising, UCF Philosophy for UCF undergraduate students, 2015-2019.
- Guest Lecture, *Introduction to Texts and Technology* (ENG6800), UCF, Fall 2015.
- Curriculum Committee Member, Department of Philosophy, UCF, September 2015-present.
- Director of the Theoretical and Applied Ethics Certificate Program, University of Central Florida, September 2015 – present.

Service to Community

- Consultant on development of bioethics modules related to animal welfare: USDA NIFA award #2013-07168 – PI Candace Croney, Purdue University (2015-2018).
- Application Review Committee, UCF Creative School for Children, May 2017.
- BullFrog Films reviewer, *Death by Design*, January 2017.
- Interview, “Rob Ford’s Crack Video: Is it Unethical to Watch?” with reporter Trevor Dunn for CBC.CA article on release of video of Rob Ford. 8.12.16.
- Workshop participant, “SciRanch” science communication workshop, Oracle AZ, July 2014.
- Volunteer, NICHES Land Trust “bio-blitz” Service Day, Lafayette, IN, 2012.
- Volunteer, Boiler Green Initiative Arbor Day Planting, Lafayette, IN, 2010.
- Volunteer, Detrash the Wabash environmental clean-up, Lafayette, IN, 2008 – 2009.

Current Professional Memberships

- American Philosophical Association
- International Association for Environmental Philosophy
- Socially Responsible Philosophy of/in Science and Engineering (SRPoiSE)
- American Society for Bioethics and the Humanities
- American Public Health Association
- Association for Practical and Professional Ethics
- Florida Philosophical Association
- Global Sustainable Soundscape Network
- AFL-CIO
- Florida Education Association
- UFF-UCF
- Aldo Leopold Foundation, supporting member, 2010 – present
- Forest History Society, 2013-present

