

# 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*. Taylor and Francis.

*In print*

2. **Beever, J.** & Cisney V.W. (Eds). (2016). *The Way of Nature or the Way of Grace: Philosophical Themes 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

### Forthcoming

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.

### In Print

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." *Biosemtotics* 6(3), 351-365.
6. **Beever, J.** & Tønnessen, M. (2013). "'Darwin und die Englische Moral': The Moral Consequences of Uexkull's Umwelt Theory." *Biosemtotics* 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.) *Biosemtotics* 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](https://www2.ubishops.ca/baudrillardstudies/vol9_2/v9-2-beever.html).
2. **Beever, J.** (2012). "Meaning Matters: The Biosemiotic Basis of Bioethics." *Biosemtotics*, 5:2. 181-191.
1. **Beever, J.** (2008). "Not Nanoethics, but Nanosemiotics." *Semiotics* 2008: 708-715.

## Peer-Reviewed Chapters

### 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

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. **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 Semiotik* 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: 4<sup>th</sup> Edition*, Vol. 1: 320-323, Jennings, 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

3. **Beever, J.** & Morar, N. (January 2018). "The Ethics and Epistemic Onus of 'One Health'," *Bioethics*. (revise and resubmit received April 2018)
2. \*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*.
1. \*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).

### Research Support and Grant-Writing

#### Funded

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).

## Recent Peer-Reviewed Conference Presentations

50. **Beever, J.** (2018). "The Value of Ethics in Engineering: Hypotheses and Preliminary Data." *American Society for Engineering Education*. Salt Lake City, UT.
49. **Beever, J.** & Pinkert, L.A. (2018). "Moral Foundations and Ethical Frameworks: Analyzing Engineering Ethics." *American Society for Engineering Education*. Salt Lake City, UT.
48. **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.
47. **Beever, J.** (2018). "The Dark Side of Interdependence: Threats of Zombies in *Resident Evil*." *Gettysburg College Philosophy and Film Seminar*. Gettysburg, PA.

### Invited

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.

## 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

18. Directed Readings ( ENG 7919) – Spring 2018, University of Central Florida (Clarke and Thomas)
17. Knowledge, Responsibility, and Society (PHI 5665) – Spring 2018, University of Central Florida\*+
16. Professionalization of Texts & Technology (ENG 6826) – Fall and Spring 2017, University of Central Florida\*
15. Internship in Texts & Technology (ENG 6946) – Summer 2017, University of Central Florida
14. Directed Independent Study (PHI 5907) – Fall 2017, University of Central Florida
13. Internship in Texts & Technology (ENG 6946) – Summer 2017, University of Central Florida
12. Cultural Contexts of Texts and Technology (ENG 6811) – Spring 2017, University of Central Florida\*\*

# Students: 8 | # SPols: 6 | Overall: 5.00 | Dept Avg: 4.49



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 21<sup>st</sup> 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 21<sup>st</sup> Century (PHI3638) – Spring 2016, University of Central Florida
8. Ethical Issues in the 21<sup>st</sup> Century (PHI3638) – Fall 2016, University of Central Florida+
7. Ethical Issues in the 21<sup>st</sup> 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.



## Selected 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.

### Service to Profession (national)

- 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.

### Service to University

- 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.
- 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.

### Service to Department and Program

- 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.
- Chair, Curriculum Committee, Texts & Technology Program, UCF, 2017-present

## 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
- United Faculty of Florida UCF
- Aldo Leopold Foundation, supporting member, 2010 – present
- Forest History Society, 2013-present

