

J. C. HAVSTAD

Associate Professor • Department of Philosophy • University of Utah

Cross-Appointed at the Clinical & Translational Science Institute (CTSI)
and the Office of Research Integrity & Compliance (ORIC)

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EDUCATION

PhD, Philosophy and Science Studies, UC San Diego, 2014

- Dissertation Committee: William Bechtel, Nancy Cartwright, Craig Callender, James Griesemer, and Cathy Gere

MA (with honors), Philosophy, San Diego State University, 2007

- Thesis Committee: Mark Wheeler, Thomas Weston, and Brian K. Spitzberg

BA, Philosophy of Life Science, UC San Diego, 2004

- Individual Major Supervisors: Jay Odenbaugh and Steven Shapin

EMPLOYMENT

- Associate Professor (2020–current), Department of Philosophy, Clinical & Translational Science Institute, Office of Research Integrity & Compliance, University of Utah
- Assistant Professor (2015–2020), Philosophy Department, Oakland University
- Postdoctoral Researcher (2014–2015), Integrative Research Center, Field Museum of Natural History
- Instructor (2012–2014), Philosophy Department, UC San Diego
- Editorial Assistant (2008–2010), *Philosophical Psychology*
- Instructor (2006), Philosophy Department, San Diego State University
- Research Assistant (2001–2007 [except summers]), Gene Expression Laboratory of Dr. Ronald M. Evans, Salk Institute for Biological Studies
- Laboratory Assistant (1999–2000), Plant Genetics Laboratory of Dr. Donald R. Strong, UC Davis
- Laboratory Assistant (1999–2002 [summers]), Soil Ecology Laboratory of Dr. Donald R. Strong, Bodega Marine Laboratory

PUBLICATIONS

22. Havstad, J. C. (2022). Sensational Science, Archaic Hominin Genetics, and Amplified Inductive Risk. *Canadian Journal of Philosophy* 52(3): 295–320.
21. Havstad, J. C., & Palazzo, A. F. (2022). Not Functional Yet a Difference Maker: Junk DNA as a Case Study. *Biology & Philosophy* 37: 29, 1–27.
20. Havstad, J. C. (2021). Complexity Begets Crosscutting, Doooms Hierarchy (Another Paper on Natural Kinds). *Synthese* 198: 7665–7696.

19. Havstad, J. C. (2021). Practice Makes Perfect. *Studies in the History and Philosophy of Science* 89: 297–298.
18. Havstad, J. C. (2020). Forty Years after *Laboratory Life*. *Philosophy, Theory, and Practice in Biology*, 12(3), 1–34.
17. Benz, T. A., Piskulich, J. P., Barry, M., Kim, S., & Havstad, J. C. (2020). Student Philanthropy and Community Engagement: A Program Evaluation. *Innovative Higher Education*, 45, 17–33.
16. Havstad, J. C. (2019). Let Me Tell You ‘Bout the Birds and the Bee-Mimicking Flies and *Bambiraptor*. *Biology & Philosophy*, 34(2), 25/1–25.
15. Havstad, J. C. (2019). Metaphorical Ripples. *Philosophy, Theory, and Practice in Biology*, 11, 10/1–5.
14. Havstad, J. C., & Smith, N. A. (2019). Fossils with Feathers and Philosophy of Science. *Systematic Biology*, 68(5), 840–851.
13. Turner, D. D., & Havstad, J. C. (2019). Philosophy of Macroevolution. *Stanford Encyclopedia of Philosophy*, Summer 2019 Edition, doi: <https://plato.stanford.edu/entries/macroevolution>
12. Havstad, J. C. (2018). Messy Chemical Kinds. *British Journal for the Philosophy of Science*, 69(3), 719–743.
11. Havstad, J. C., & Brown, M. J. (2017). Inductive Risk, Deferred Decisions, and Climate Science Advising. In K. Elliott & T. Richards (Eds.), *Exploring Inductive Risk* (pp. 101–106). New York: Oxford University Press.
10. Havstad, J. C., & Brown, M. J. (2017). Neutrality, Relevance, Prescription, and the IPCC. *Public Affairs Quarterly*, 31(4), 303–324.
9. Brown, M. J., & Havstad, J. C. (2017). The Disconnect Problem, Scientific Authority, and Climate Policy. *Perspectives on Science*, 25(1), 67–94.
8. Havstad, J. C. (2016). Protein Tokens, Types, and Taxa. In C. Kendig (Ed.), *Natural Kinds and Classification in Scientific Practice* (pp. 74–86). London: Routledge.
7. Havstad, J. C., Assis, L. C. A., & Rieppel, O. (2015). The Semaphorontic View of Homology. *Journal of Experimental Zoology, Part B: Molecular and Developmental Evolution*, 324(7), 578–587.
6. Havstad, J. C. (2011). Problems for Natural Selection as a Mechanism. *Philosophy of Science*, 78(3), 512–523.
5. Havstad, J. C. (2011). Who is Master Chief? In L. Cuddy (Ed.), *Halo and Philosophy: Intellect Evolved* (pp. 3–14). Chicago: Open Court.
4. Havstad, J. C. (2010). Human Reproductive Cloning: A Conflict of Liberties. *Bioethics*, 24(4), 71–77.
3. Havstad, J. C., & Jahng, I. M. (2008). The Legend of Feminism. In L. Cuddy (Ed.), *The Legend of Zelda and Philosophy: I Link Therefore I Am* (pp. 233–244). Chicago: Open Court.
2. Yang, X., Ongusaha, P. P., Miles, P. D., Havstad, J. C., Zhang, F., So, W. V., Kudlow, J. E., Mitchell, R. H., Olefsky, J. M., Field, S. J., & Evans, R. M. (2008). Phosphoinositide Signalling Links O-GlcNAc Transferase to Insulin Resistance. *Nature*, 451(7181), 964–969.

1. Havstad, J. C. (2007). The Price of Dignity: Kantian Accounts of Moral Responsibility to Non-Human Entities. *Dialogue*, 49(2–3), 99–107.

PRESENTATIONS

52. Havstad, J. C. (2022). “Unified Leveling, Disparate Levels” at the Biennial Meeting of the *Philosophy of Science Association* in Pittsburgh.
51. Havstad, J. C. (2022). “Types of Misconduct, Resulting Coverage Gaps, and Implications for (Self) Governance: Living with / in the Interstitial Spaces” at the Annual Meeting of the *Association of Research Integrity Officers* in Salt Lake City. Keynote Speaker at National Meeting.
50. Havstad, J. C. (2022). “Popular Norms in / of Science” at the National Institute of Health’s R25 Training Course on *Advanced Statistical Methods in Neuroimaging and Genetics*.
49. Havstad, J. C. (2021). “Representation without Reification” at the Biennial Meeting of the *Philosophy of Science Association* in Baltimore.
48. Havstad, J. C. (2021). “Regional and Race Talk—in Paleogenetics, and Beyond” at the National Institute of Health’s *Neurosurgeon Research Career Development Program* (NRCDP) in Deer Valley. Keynote Speaker.
47. Havstad, J. C. (2021). “Recent Claims About Race in Paleo-Genetics” at the National Institute of Health’s R25 Training Course on *Advanced Statistical Methods in Neuroimaging and Genetics*.
46. Havstad, J. C. (2021). “Paleo-Genetics and Claims about Race” at the University of Utah Health’s *Genome Rounds*.
45. Havstad, J. C. (2020). “The Sensational Science of Human Prehistory: High Inductive Risk and Low Epistemic Standards” at Michigan State University’s *Society for Engaged Philosophy of Science* (SEPOS).
44. Havstad, J. C. (2019). “The Structure of Scientific Evolution” at the University of Notre Dame’s *History and Philosophy of Science, Technology, and Values 1st Annual Graduate Conference: Science and the Public*.
43. Havstad, J. C. (2019). “The Normative Evolution of Science” at the University of Toronto’s Department of Biochemistry, Annual Retreat. Theo Hoffman Lecture.
42. Havstad, J. C. (2019). “Unfamiliar Territory: Values in the Paleo-Gene Lab” at Leibniz University Hannover’s *Learning from Empirical Approaches to HPS 2019*.
41. Havstad, J. C. (2019). “Complexity Kills Hierarchy” at the *Rutgers-Bristol Workshop on the Metaphysical Unity of Science* in Newark.
40. Havstad, J. C. (2019). “Beyond Foreseeability” at UT Dallas’s *9th Annual Values in Medicine, Science and Technology Conference*. Plenary Session.
39. Havstad, J. C. (2019). “Archaic Hominins and Inductive Risk in Paleo-Anthropology” at University of Alberta’s *Engaging with Science, Values, and Society Workshop*.
38. Havstad, J. C. (2019). “Containment vs. Monitoring: A Puzzle from Environmental Philosophy” at Oakland University’s *Chernobyl Then and Now: A Global Perspective Symposium*.

37. Havstad, J. C. (2018). "Evolutionary Thinking about Critique of Function Talk" at *Evolutionary Roles of Transposable Elements: The Science and the Philosophy* at Dalhousie University.
36. Havstad, J. C. (2018). "Why You Should Care about Specimen Collection and Function" at *Philosophy of Biology at the Mountains* in Salt Lake City.
35. Havstad, J. C. (2018). "The Sensational Science of Human Evolution" at the Honors College of Florida Atlantic University.
34. Havstad, J. C. (2018). "High Stakes and Scant Evidence in Paleoanthropology" at the Department of Philosophy of Indiana University – South Bend.
33. Havstad, J. C. (2017). "Collecting and Conservation: A Story about Shrikes and *Siats*" at the Department of Philosophy at Connecticut College.
32. Havstad, J. C. (2017). "Fossils with Feathers and Philosophy of Science" at *Philosophy Meets Paleobiology in the Badlands* at Dinosaur Provincial Park.
31. Havstad, J. C. (2017). "Taxonomic Discovery, Epistemic Standards, and Ecological Aims in Ornithology" at the Biennial Meeting of the *International Society for the History, Philosophy, and Science Studies of Biology* in São Paulo.
30. Havstad, J. C. (2017). "Stakeholder Engagement with Bioplastics" at the Mercator Research Institute on Global Commons and Climate Change in Berlin.
29. Havstad, J. C. (2017). "Underlying Concept Structure" at *Can Biological Practice Inform Scientific Metaphysics?* in Cologne.
28. Havstad, J. C. (2017). "Normative Criteria for Normative Calls to Action" at the *2017 Workshop on Sustainability and Philosophy* at the Norwegian University of Science and Technology.
27. Havstad, J. C. (2017). "Excavating Value-Freedom" at the *Vitenskapsteoretisk Forum* at Antikvariatet in Trondheim.
26. Havstad, J. C. (2017). "Evolutionary Forms: A Horse's Tale" at Oakland University's *Comparative Americas: The 6th Annual American Studies Colloquium*.
25. Havstad, J. C. (2017). "Forty Years after *Laboratory Life*" at the Science Studies Program of UC San Diego.
24. Havstad, J. C. (2016). "Paleontological Science and Values" at the Biennial Meeting of the *Philosophy of Science Association* in Atlanta.
23. Havstad, J. C. (2016). "Digging, Dirt, Dinosaurs, and Denisova" at the Department of History and Philosophy of Eastern Michigan University.
22. Havstad, J. C., & Brown, Matthew J. (2016). "Inductive Risk, Deferred Decisions, and Climate Science Advising" at UT Dallas's *6th Annual Values in Medicine, Science and Technology Conference / 3rd Annual Socially Relevant Philosophy of/in Science and Engineering Consortium*.
21. Havstad, J. C. (2015). "Homology, Identity, Compositionality, and Non-Transitivity" at the Biennial Meeting of the *International Society for the History, Philosophy, and Science Studies of Biology* in Montreal.
20. Havstad, J. C. (2015). "Values in (Paleontological) Science" at UT Dallas's *5th Annual Values in Medicine, Science and Technology Conference*.
19. Havstad, J. C. (2015). "In Search of a Grand Unified (Biological) Theory" at the Field Museum of Natural History's *Founders' Frontiers Symposium*.

18. Havstad, J. C. (2015). "Bridging the Gap between Science and Policy in the Case of Climate Change" at the Honors College of Oakland University.
17. Havstad, J. C. (2014). "Messy Chemical Kinds" at the Biennial Meeting of the *Philosophy of Science Association* in Chicago.
16. Brown, Matthew J., & Havstad, J. C. (2014). "The Disconnect Problem for Science and Policy" at the Biennial Meeting of the *Philosophy of Science Association* in Chicago.
15. Havstad, J. C. (2014). "The Classification of Complex Chemical Kinds" at the Philosophy Department of CSU Sacramento.
14. Havstad, J. C. (2014). "Rethinking the Relation between Science and Policy" at the Responsible Conduct of Research Office of CSU Sacramento.
13. Havstad, J. C. (2014). "Scientists During Disasters" at the Center for Practical and Professional Ethics of CSU Sacramento.
12. Brown, Matthew J., & Havstad, J. C. (2014). "Science-Based Policy as Interdisciplinary Inquiry" at the Annual Meeting of the *Association for Feminist Epistemologies, Methodologies, Metaphysics, and Science Studies* in Waterloo.
11. Havstad, J. C., & Brown, Matthew J. (2014). "Policy-Relevant and Yet Policy-Neutral? Tensions in the IPCC's Self-Understanding" at the *1st Annual Socially Relevant Philosophy of/in Science and Engineering Consortium* in Waterloo.
10. Havstad, J. C. (2013). "Biochemical Kinds and Selective Naturalism" at the Science Studies Program of UC San Diego.
9. Havstad, J. C. (2013). "Complex Objects and Integrative Pluralism" at the Biennial Meeting of the *International Society for the History, Philosophy, and Science Studies of Biology* in Montpellier.
8. Havstad, J. C. (2011). "The Classification of Proteins" at the Biennial Meeting of the *International Society for the History, Philosophy, and Science Studies of Biology* in Salt Lake City.
7. Havstad, J. C. (2011). "Proteins and Pluralism" at UC San Diego's *Science Studies Graduate Student Conference with Hasok Chang*.
6. Havstad, J. C. (2011). "The New Biological Taxonomy" at Arizona State University's *Biology in the Desert*.
5. Havstad, J. C. (2010). "*Laboratory Life: A Retrospective*" at UC San Diego's *Biology by the Sea*.
4. Havstad, J. C. (2009). "Evolutionary Theory and Mechanistic Explanation" at San Diego State University's *150 Years of Evolution: Darwin's Impact on the Humanities and Social Sciences*.
3. Havstad, J. C. (2009). "Mechanism and Natural Selection" at the Biennial Meeting of the *International Society for the History, Philosophy, and Science Studies of Biology* in Brisbane.
2. Havstad, J. C. (2009). "On Darwinian Populations and Natural Selection" at UC San Diego's *Philosophy Department Graduate Student Conference with Peter Godfrey-Smith*.
1. Havstad, J. C. (2008). "Human Reproductive Cloning and Parfit's Non-Identity Problem" at San Diego State University's *Student Research Symposium*.

SERVICE appearances

- Invited Panelist, "Successful Approaches and Lessons from Further Afield," *Siting Ethics Workshop*, History, Philosophy, and Culture Working Group, Next Generation Event Horizon Telescope Collaboration, November 2022
- Invited Speaker, "Research Ethics in Practice," K-Club, University of Utah, June 2022
- Invited Panelist, "Ethics of Crowdsourcing Websites that Hire Workers for Research Projects," *Best Practice Network*, Research Education (REd), University of Utah, May 2022
- Invited Guest, "The Newest on the Oldest: Trends in Philosophy of the Deep Past," *Sciences of the Origin Project*, University of Belgrade, May 2022
- Invited Speaker, "Research Ethics Consults (RECs): What, Why, and How," University of Texas – Dallas, April 2022
- Guest Lecturer, "Responsible Conduct of Research," NIH R25 Training Course in *Advanced Statistical Methods in Neuroimaging and Genetics*, University of Utah, February 2022
- Invited Speaker, "Publishing and Other Workflows," Grad Practicum Series, Department of Philosophy, University of Utah, January 2022
- Guest Lecturer, "Responsible Conduct of Research," *Neurosurgeon Research Career Development Program (NRCDP)*, Deer Valley, October 2021
- Guest Lecturer, Physics Professionalization Course, University of Utah, September 2021
- Invited Panelist, Informal Science Education and Outreach Panel, Public Engagement with Science Workshop, University of Cincinnati, April–May 2021
- Guest Lecturer, "Responsible Conduct of Research," NIH R25 Training Course in *Advanced Statistical Methods in Neuroimaging and Genetics*, University of Utah, February 2021
- Guest Lecturer, Computing and Global Change Seminar, University of Southern California, November 2020
- Invited Speaker, "Working in a Way that Feels Good," Grad Practicum Series, Department of Philosophy, University of Utah, October 2020
- Invited Panelist, "Why Science Needs Philosophy" Roundtable, Department of Biochemistry, University of Toronto, September 2020
- Guest Lecturer, Philosophy of Science Seminar, Connecticut College, September 2020
- Invited Moderator, "How to Actually Do Science" Panel, *Field Forward Symposium*, Field Museum of Natural History, September 2020
- Guest Lecturer, Environmental Ethics Course, Claremont McKenna College, September 2020
- Invited Panelist, "Bullying and Misbehavior in the Research Setting: Does the U of U need a Policy?," *Ethics, Education, and Engagement (E³) Series*, University of Utah, September 2020
- Guest Lecturer, Physics Professionalization Course, University of Utah, September 2020

- Guest Lecturer, Graduate Proseminar, University of Utah, September 2020
- Chair, Tuesday Morning Session, *Philosophy of Biology at the Mountains (on Zoom)*, University of Utah, June 2020
- Invited Participant, *Reflexive Bioarchaeology – ArcheoGenEthics Workshop*, Max Planck Institute for the Science of Human History, Jena, May 2020
- Commentator, “Matthew J. Brown’s *Science and Moral Imagination*” Author Meets Critics Session, *Doing Science in a Pluralistic Society*, University of Dayton, April 2020
- Invited Panelist, “Engaging with Science,” *1st Annual Graduate Conference of the History and Philosophy of Science, Technology, and Values Program: Science and the Public*, University of Notre Dame, November 2019
- Judge, Great Lakes Regional Ethics Bowl, November 2019
- Invited Participant, *McMillan’s Chernobyl: An Intimation of the Way the World Would End*, College of Arts and Sciences, Oakland University, March 2019
- Invited Participant, *Evidence and the Scientific Method: Rigor vs. Use*, Institute for Practical Ethics, UC San Diego, March 2019
- Chair, “Species and Lineages” Session, Biennial Meeting of the *Philosophy of Science Association*, Seattle, November 2018
- Guest Lecturer, Graduate Seminar on Natural Kinds, Marquette University, October 2018
- Invited Panelist, *Writing Across Disciplines*, Oakland University, October 2018
- Invited Instructor, 5-Day Seminar, *Philosophy of Biology at the Mountains*, University of Utah, June 2018
- Judge, Upper Midwest Regional Ethics Bowl, November 2017
- Chair, “Summarizing Philosophy of Paleontology” Session, *Philosophy Meets Paleobiology in the Badlands*, Dinosaur Provincial Park, August 2017
- Chair, “Thinking About Fossils” Workshop, Annual Meeting of the *Society of Vertebrate Paleontology*, Calgary, August 2017
- Chair, “Methodology in Non-Primate Cognition” Session, Biennial Meeting of the *International Society for the History, Philosophy, and Science Studies of Biology*, São Paulo, July 2017
- Invited Panelist, “Forms in the Americas” Roundtable, *Comparative Americas: The 6th Annual American Studies Colloquium*, Oakland University, March 2017
- Guest Lecturer, Graduate Seminar on Climate Change, Oakland University, March 2017
- Invited Speaker, *MLK Day Teach-In Event*, College of Arts and Sciences, Oakland University, January 2017
- Invited Participant, *Recent Alumni Workshop Weekend*, Philosophy Department, UC San Diego, October 2016
- Departmental Representative, *Go for the Gold*, Oakland University, October 2016
- Commentator, “Philosophy of Biology” Colloquium Session, Annual Meeting of the *American Philosophical Association (Central Division)*, Chicago, March 2016
- Participant, 3rd Biennial Workshop of *The Mentoring Project for Pre-Tenure Women Faculty in Philosophy*, UMass Amherst, May 2015

- Chair, “Bioethics” Colloquium Session, Annual Meeting of the *American Philosophical Association (Pacific Division)*, Vancouver, April 2015
- Commentator, “Philosophy of Biology” Colloquium Session, Annual Meeting of the *American Philosophical Association (Pacific Division)*, San Diego, April 2014
- Chair, “Lives and Value” Colloquium Session, Annual Meeting of the *American Philosophical Association (Pacific Division)*, San Francisco, March 2013
- Commentator, “Function in Neuroscience and Biology” Colloquium Session, Annual Meeting of the *American Philosophical Association (Pacific Division)*, Seattle, April 2012
- Chair, “Philosophy of Biology” Symposium Session, Annual Meeting of the *American Philosophical Association (Pacific Division)*, San Diego, April 2011

SERVICE appointments

- Co-Chair, Diversity Committee, *Translational Research: Implementation, Analysis, and Design (TRIAD)*, University of Utah, 2022–current
- Member, Philsci-Archive Board, University of Pittsburgh, 2022–current
- Member, UBelong Committee, Clinical and Translational Science Institute, University of Utah, 2022–current
- Ombuds, *Philosophy of Science Association*, 2022–current
- Member, Program Committee, *11th Annual Values in Medicine, Science and Technology Conference*, UT Dallas, 2022–2023
- Coordinator, Philosophy of Science Reading Group (PSRG), Department of Philosophy, University of Utah, 2021–current
- Coordinator, Summer Reading Group (SRG), Department of Philosophy University of Utah, 2021–current
- Content Generator, *Ethics, Education, and Engagement (E³) Series*, Research Education (REd), University of Utah, 2021–current
- Lead, Research Ethics Consults (RECs), University of Utah, 2021–current
- Member, Diversity Committee, College of Humanities, University of Utah, 2021–current
- Member, Program Committee, *10th Annual Values in Medicine, Science and Technology Conference*, UT Dallas, 2021–2022
- Instructor, “Case Studies in the Responsible Conduct of Research (RCR),” Research Education (REd), University of Utah, 2020–current
- Member, Diversity Committee, Population Health Research Team, University of Utah, 2020–2022
- Member, Graduate Committee, Department of Philosophy, University of Utah, Fall 2020
- Substitute Member, Academic Senate, Oakland University, Winter 2020
- Diversity Advocate Officer, Philosophy Department, Oakland University, 2019–2020
- Editor, *Philosophy, Theory, and Practice in Biology*, 2019–current
- Member, Program Committee, Biennial Meeting of the *Philosophy of Science Association*, Baltimore, 2019–2021

- Member, Program Committee, *10th Annual Values in Medicine, Science and Technology Conference*, UT Dallas, 2019–2020
- Judge, *Annual Essay Contest*, Philosophy Department, Oakland University, 2019–2020
- Substitute Member, Academic Senate, Oakland University, Winter 2019
- Member, Program Committee, *8th Annual Values in Medicine, Science and Technology Conference*, UT Dallas, 2017–2018
- Co-Coordinator, Marketing Materials, Philosophy Department, Oakland University, 2016–2020
- Founding Member and Co-Director, Engineering Ethics Visit Program, Oakland University, 2016–2020
- Member, Center for Ethics Advisory Board, Oakland University, 2016–2020
- Member, Master of Arts in Liberal Studies Executive Committee, College of Arts and Sciences, Oakland University, 2016–2020
- Coordinator, Specialist Philosophy of Science Course Development, Philosophy Department, Oakland University, 2016–2019
- Director, *Annual Essay Contest*, Philosophy Department, Oakland University, 2016–2019
- Founding Member and Co-Coordinator, *Student Philanthropy and Community Engagement Pearson Pilot Program*, College of Arts and Sciences, Oakland University, 2016–2018
- Faculty Representative, *Humanities Summit*, College of Arts and Sciences, Oakland University, 2016–2017
- Coordinator, *Philosophy Open House Event*, Oakland University, March 2016
- Coordinator, *Philosophy @ OU 2016–2017 Colloquium Series*, 2015–2017
- Mentor, *The Job Candidate Mentoring Program for Women in Philosophy*, Wellesley College, 2015–2017
- Departmental Representative, College of Arts and Sciences Assembly, Oakland University, 2015–2016
- Judge, *Annual Essay Contest*, Philosophy Department, Oakland University, 2015–2016
- Coordinator, Interdisciplinary Postdoc Working Group, Field Museum of Natural History, 2015
- Coordinator, Conceptual Reading Group, Field Museum of Natural History, 2014–2015
- Coordinator, Graduate Philosophy Colloquia: Quarterly Workshops, Philosophy Department, UC San Diego, 2013–2014
- Founding Member and Co-Coordinator, *Summer Program for Women in Philosophy*, Philosophy Department, UC San Diego, 2013–2014
- Coordinator, Medical Humanities Reading Group, UC San Diego, 2012–2014
- Founding Member and Co-Coordinator, Medical Humanities Research Group, UC San Diego, 2012–2014
- Coordinator, Graduate Student Summer Reading Groups, Philosophy Department, UC San Diego, 2012

- Member, Local Advisory Committee, Biennial Meeting of the *Philosophy of Science Association*, San Diego, 2011–2012
- Program Representative, Graduate Student Association, UC San Diego, 2010–2012
- Coordinator, Graduate Student Summer Reading Groups, Philosophy Department, UC San Diego, 2010
- Founding Member and Co-Coordinator, Graduate Student Working Group I & II, Philosophy Department, UC San Diego, 2009–2013
- Departmental Representative, Science Studies Program and Prospective Students, UC San Diego, 2009–2011
- Founding Member and Co-Coordinator, Bioethics Reading Group, Philosophy Department, UC San Diego, 2009–2011
- Organizer, *Biology by the Sea*, UC San Diego, 2009–2010
- Coordinator, Graduate Philosophy Colloquia, Philosophy Department, UC San Diego, 2008–2010
- Co-Organizer, *Philosophy Graduate Student Conference with Peter Godfrey-Smith*, UC San Diego, 2008–2009
- Graduate Student Representative, Philosophy Department, UC San Diego, 2008–2009
- Article Referee, *Frontiers*, 2023–current; *Kennedy Institute of Ethics Journal*, 2022–current; *Engineering Studies*, 2021–current; *Philosophical Studies*, 2021–current; *Erkenntnis*, 2020–current; *European Journal for Philosophy of Science*, 2020–current; *Acta Biotheoretica*, 2019–current; *Internet Encyclopedia of Philosophy*, 2019–current; *Perspectives on Science*, 2019–current; *Studies in History and Philosophy of Science*, 2019–current; *Topoi*, 2019–current; *Biology & Philosophy*, 2018–current; *Canadian Journal of Philosophy*, 2018–current; *Foundations of Chemistry*, 2018–current; *Studies in History and Philosophy of Biological and Biomedical Sciences*, 2018–2019; *British Journal for the Philosophy of Science*, 2017–current; *Philosophy, Theory, and Practice in Biology*, 2015–2019; *Synthese*, 2015–current; *History and Philosophy of the Life Sciences*, 2014–2015; *Philosophy of Science*, 2010–current
- Society Member, *Society of Systematic Biologists*, 2018–2020; *International Society for the History of Philosophy of Science*, 2017–current; *International Society for the Philosophy of Chemistry*, 2017–current; *Society of Vertebrate Paleontology*, 2017–2018; *Friends of the SEP*, 2016–current; *Philosophy of Science Association*, 2008–current; *American Philosophical Association*, 2007–current; *International Society for the History, Philosophy, and Social Studies of Biology*, 2003–current

CLASSES taught

Animal Minds and Morals (Oakland University)

Bioethics (Oakland University)

Case Studies and Research Ethics (University of Utah)

Critical Thinking and Composition (San Diego State University)

Ethics and Practice of Science (Oakland University)

Ethics, Reasoning, and Study Skills (San Diego State University)

Introduction to Ethics in Science and Engineering (Oakland University)

Introduction to Philosophy (Oakland University)
 Literature, Medicine, and the Doctor–Patient Relationship (UCSD School of Medicine)
 Natural Kinds (Oakland University)
 Normative Reform of Science (University of Utah)
 Research Ethics (University of Utah)
 Philosophy and the Environment (UC San Diego)
 Philosophy of Biology (Oakland University)
 Technology and Human Values (UC San Diego)

public PHILOSOPHY

- Guest Blogger, “Why Most Scientists Think Birds Are Dinosaurs—And You Should Too,” *OUPblog* (<http://blog.oup.com>), 2019
- Founding Contributor, *Extinct* (<http://www.extinctblog.org>), 2016–current
- Episode Consultant, “What is a Species?” on *The Brain Scoop*, YouTube, 2016
- Featured Guest, “The First Brachiosaurus” on *The Brain Scoop*, YouTube, 2015
- Poster Presenter, “Is *Y: The Last Man* a Feminist Comic?,” *Comics Arts Conference* at San Diego Comic-Con International, 2014
- Guest Blogger, “Using Comics to Teach Philosophy, Inclusively,” *Comics Forum* (www.comicsforum.org), 2014
- Poster Presenter, “*Asterios Polyp* as Postmodern Literature,” *Comics Arts Conference* at San Diego Comic-Con International, 2013
- Interviewee, “Taking Comics Seriously,” *Print Mag*, 2013
- Poster Presenter, “Visual Paradoxes: Using Comics to Teach Philosophy,” *Comics Arts Conference* at San Diego Comic-Con International, 2012
- Interviewee, “The Unknown Soldier,” *Official Xbox Magazine*, 2011
- Chapter Author, “Who is Master Chief?,” *Halo and Philosophy* (Chicago: Open Court, 3–14), 2011
- Poster Presenter, “Graphic Adaptation: To and From Comics and Other Media,” *Comics Arts Conference* at San Diego Comic-Con International, 2011
- Invited Panelist, “Comic Studies Forum: Intellectual Property,” *Comic Arts Conference* at San Diego Comic-Con International, 2010
- Chapter Co-Author, “The Legend of Feminism,” *The Legend of Zelda and Philosophy* (Chicago: Open Court, 233–244), 2008

financial GRANTS

Faculty Summer Research Fellowship		
University Research Committee, Oakland University, 2017–2018		\$10,000
Medical Humanities Research Group		
Center for Humanities, UC San Diego, 2012–2013		\$1500
Renewal, 2013–2014		\$1500
Arts and Humanities Initiative Award		
Dean of Arts and Humanities, UC San Diego, 2011–2012		\$5,000

other AWARDS

- National Science Foundation Faculty Incentive Award, College of Humanities, University of Utah, Spring 2023
- Best of 2018, Philosophy Articles for Oxford University Press, January 2019
- Editor's Choice Article, Volume 69(3), *British Journal for the Philosophy of Science*, September 2018
- PI Academy Graduate, The Research Office, Oakland University, April 2018
- Faculty Recognition Night, Student Athletes of Oakland University, February 2018
- Order of the Plume, College of Arts and Sciences, Oakland University, April 2017
- Peer Mentorship Award, Graduate Student Association, UC San Diego, April 2014
- Graduate with Distinction, Philosophy Department, San Diego State University, May 2007
- Provost's Honors, Revelle College, UC San Diego, Fall 2002
- National Merit Scholarship, UC San Diego, September 2000
- Bank of America English Award, Davis Senior High School, June 2000
- Nova Nordisk Science Award, Davis Senior High School, June 2000

CERTIFICATES via training courses

- Trained Mediator, *Mediation and Conflict Management Seminar*, Principles of Negotiation (PON), Harvard Business School—in progress, expected April 2023
- Trained Ombuds, *Foundations of the Organizational Ombuds Course*, International Ombuds Association (IOA)