

## Jacy Reese Anthis | Curriculum Vitae | January 2024

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### EDUCATION

2027 (expected)	PhD. University of Chicago. Sociology and statistics (joint). Doctoral certificate in advanced quantitative methods.
2021	MA. University of Chicago. Sociology.
2015	BSA. University of Texas. Neuroscience with economics minor. Distinguished scholar. High honors.

### POSITIONS HELD

2016–Current	Co-Founder. Sentience Institute.
2023–Current	Visiting Scholar. Center for Human-Compatible AI in Electrical Engineering & Computer Science at the University of California, Berkeley with Stuart Russell.
2021–2022	Research Assistant. Institute on the Formation of Knowledge.
2015–2016	Researcher. Animal Charity Evaluators.
2014–2015	Research Assistant. Joshua Greene Moral Cognition Lab at Harvard University, in collaboration with the Safra Center for Ethics.
2014–2014	Summer Research Analyst. GiveWell.
2013–2014	Research Assistant. Russell Poldrack Cognitive Neuroscience Lab at the University of Texas.

### ARTICLES

*Notes: In machine learning and human-computer interaction, conferences are top venues for peer-reviewed publication. Last authorship position corresponds with a role as principal investigator.*

Ladak, Ali, Jamie Harris, and Jacy Reese Anthis. (forthcoming) “Which Artificial Intelligences do People Care Most About? A Conjoint Analysis.” ACM Conference on Human Factors in Computing Systems (CHI) 2024.

Kim, Stephanie, Jacy Reese Anthis, and Sarah Sebo. (forthcoming) “A Taxonomy of Robot Autonomy for Human-Robot Interaction.” ACM/IEEE Intl. Conference on Human-Robot Interaction (HRI) 2024.

Anthis, Jacy Reese and Victor Veitch. 2023. “Causal Context Connects Counterfactual Fairness to Group Fairness and Robust Prediction.” Advances in Neural Information Processing Systems (NeurIPS) 2023. [arxiv.org/abs/2310.19691](https://arxiv.org/abs/2310.19691).

Ladak, Ali, Matti Wilks, and Jacy Reese Anthis. 2023. “Extending Perspective Taking to Nonhuman Animals and Artificial Entities.” *Social Cognition*. [doi.org/10.1521/soco.2023.41.3.274](https://doi.org/10.1521/soco.2023.41.3.274).

Pauketat, Janet VT and Jacy Reese Anthis. 2022. “Predicting the Moral Consideration of Artificial Intelligences.” *Computers in Human Behavior*. [doi.org/10.1016/j.chb.2022.107372](https://doi.org/10.1016/j.chb.2022.107372).

Harris, Jamie and Jacy Reese Anthis. 2021. “The Moral Inclusion of Artificial Entities: A Literature Review.” *Science and Engineering Ethics*. [doi.org/10.1007/s11948-021-00331-8](https://doi.org/10.1007/s11948-021-00331-8).

Anthis, Jacy Reese and Eze Paez. 2021. “Moral Circle Expansion: A Promising Strategy to Impact the Far Future.” *Futures*. [doi.org/10.1016/j.futures.2021.102756](https://doi.org/10.1016/j.futures.2021.102756).

Anthis, Jacy Reese. 2020. "Institutional Change and the Limitations of Consumer Activism." *Palgrave Communications*. [doi.org/10.1057/s41599-020-0405-8](https://doi.org/10.1057/s41599-020-0405-8).

Mohorcich, J. and Jacy Reese Anthis. 2019. "Cell-Cultured Meat: Lessons from GMO Adoption and Resistance." *Appetite*. [doi.org/10.1016/j.appet.2019.104408](https://doi.org/10.1016/j.appet.2019.104408).

## UNDER REVIEW AND IN PREPARATION

Anthis, Jacy Reese, Janet VT Pauketat, Ali Ladak, and Michael Dello-Iacovo. (under review) "What Do Laypeople Think About Sentient AI?"

Manoli, Katerina, Janet VT Pauketat, and Jacy Reese Anthis. (under review) "The AI Double Standard: Humans Judge AIs More Harshly for One Bad AI Than They Judge Humans for One Bad Human."

Anthis, Jacy Reese, Kristian Lum, Michael Ekstrand, Avi Feller, Alexander D'Amour, and Chenhao Tan. (in prep) "Dubious Debiasing: Inherent Challenges in Achieving Fairness in Large Language Models."

Lum, Kristian, Jacy Reese Anthis, Chirag Nagpal, and Alexander D'Amour. (in prep) "Bias in Language Models: Beyond Trick Tests and Toward Grounded Evaluation."

Anthis, Jacy Reese. (in prep) "Modeling Frames of AI Discourse with Natural Language Processing, 2010–2023."

Pauketat, Janet VT, Katerina Manoli, Daniel Shank, and Jacy Reese Anthis. (in prep) "AI Autonomy and Sentience Asymmetrically Impact Mind Perception, Moral Inclusion, and Perceived Threat."

Anthis, Jacy Reese. (in prep) "The Fall and Rise of AI Agency."

Tan, Joshua, Jacy Reese Anthis, and Divya Siddarth. (in prep) "Analogies Between Collective Intelligence and AI."

Anthis, Jacy Reese. (in prep) "Competence-Based Benchmarking."

## BOOK

Anthis, Jacy Reese. 2018. *The End of Animal Farming: How Scientists, Entrepreneurs, and Activists are Building an Animal-Free Food System*. Boston, MA: Beacon Press.

## CHAPTERS

Anthis, Jacy Reese. (forthcoming) "Existential Humility," in *Design Beyond the Human: Transdisciplinary Conversations About the Planet*. Bloomsbury: London.

Anthis, Jacy Reese and Emily Soice. 2023. "Animals," in *Modern Meat: The Next Generation of Meat From Cells*. Oxford: The Cellular Agriculture Society.

Wilks, Matti, Jacy Reese Anthis, Jah Ying Chung, and Muriel Vernon. 2023. "Consumers," in *Modern Meat: The Next Generation of Meat From Cells*. Oxford: The Cellular Agriculture Society.

Anthis, Jacy Reese. 2022. "Consciousness Semanticism: A Precise Eliminativist Theory of Consciousness," in *Biologically Inspired Cognitive Architectures 2021*, eds. Paul V. Klimov and David J. Kelley. New York: Springer. [doi.org/10.1007/978-3-030-96993-6\\_3](https://doi.org/10.1007/978-3-030-96993-6_3) (non-paywalled).

Anthis, Jacy Reese and Peter Singer. 2017. "The Inner Lives of Farmed Animals," in *The Reductarian Solution*, ed. Brian Kateman. New York: TarcherPerigee.

## GRANTS

2020–Current	PhD Fellowship, University of Chicago <i>Seven years of full funding and living stipend for PhD studies, equivalent to over \$600,000 including tuition.</i>
2020–Current	Competitive travel grants to various academic conferences.
2016–Current	Sentience Institute <i>Raised over \$1,300,000 to date for interdisciplinary research projects.</i>
2021	Summer Research Grant, University of Chicago <i>\$2,000 for summer research with the University of Chicago Social Sciences Division.</i>

## PRESENTATIONS

- “Testing the Limits of Chatbots” (prompt injection workshop with attack/defense teams). 2023. Cypher (India’s largest AI conference).
- “The Rise of Digital Minds.” 2023. Cypher (India’s largest AI conference).
- “Framing a General Purpose Technology: The Case of AI Multiobjectivity.” 2022. Strategic Management Society Annual Conference.
- “AI Safety Needs Data Scientists.” 2022. Imperial College London.
- “Field-Level Framing Contests in Artificial Intelligence.” 2022. AI and Strategy Consortium.
- “The Individual-Institutional Gap: Evidence from the Animals, Food, and Technology (AFT) Survey.” 2021. Annual Meeting of the American Sociological Association.
- “The Many Frames of Artificial Intelligence: Preliminary Grounded Theory.” 2021. European Group for Organizational Studies Colloquium.
- “Emergent Trends in Public Opinion on Animal Farming and Animal Product Alternatives.” 2021. American Association for the Advancement of Science Annual Meeting. 2nd place in Student Poster Competition.
- “Institutional Change and the Limitations of Consumer Activism.” 2020. Annual Meeting of the American Sociological Association.
- “Moral Circle Expansion.” 2020. Annual Meeting of the American Sociological Association.
- “[Animal Ethics and Moral Circle Expansion](#).” 2018. Effective Altruism Global. Melbourne.
- “When Is Confrontation Effective?” 2017. Animal Rights National Conference. Los Angeles.
- “Wild Animal Suffering.” 2016. International Animal Rights Conference. Esch-sur-Alzette.
- “Is Individual Consumption an Effective Tool for Social Change?” 2016. Oxford University.
- “The End of Animal Farming.”  
Presented more than 40 times since 2018 at institutions including Harvard University, University of Pennsylvania, Northwestern University, and Yale University and 15 other countries. This presentation was delivered at [TEDxUniversityOfMississippi in February 2018](#), with over 200,000 views and selected as a small number of TEDx talks featured on TED.com.
- “Effective Altruism.”  
Presented more than 30 times since 2015.

## DATASETS AND ESTIMATES

Pauketat, Janet, Ali Ladak, and Jacy Reese Anthis. [\*Artificial Intelligence, Morality, and Sentience \(AIMS\) Survey\*](#). 2021–Current. Sentience Institute.

Anthis, Jacy Reese and Ali Ladak. [\*Animals, Food, and Technology \(AFT\) Survey\*](#). 2017–Current. Sentience Institute.

Anthis, Kelly and Jacy Reese Anthis. [\*Global Farmed Animal Estimates\*](#). 2017–Current. Sentience Institute.

Anthis, Jacy Reese. [\*US Factory Farming Estimates\*](#). 2017–Current. Sentience Inst.

## SELECTED ESSAYS

[Why We Need a "Manhattan Project" for A.I. Safety](#). 2023. Salon.

[We Need an AI Rights Movement](#). 2023. The Hill.

[Key Questions for Digital Minds](#). 2023. Sentience Institute.

[The Future Might Not Be So Great](#). 2022. Sentience Institute.

[My Answers to the Big Questions](#). 2021. Personal blog.

[Utilitarianism in an Age of Moral Turbulence](#). 2020. Arc Digital.

[Joaquin Phoenix is Right](#). 2020. New York Daily News.

[A Foie Gras Ban is Overdue](#). 2019. The Guardian.

[China and India Could Lead the Way in Adopting 'Clean Meat'](#). 2019. The Guardian.

['Clean Meat,' the Future of Vegetarianism](#). 2018. National Review.

[Is "Clean Meat" the Solution to Industrial Animal Farming?](#). 2018. Georgetown Journal of Intl. Affairs.

[Our Treatment of Animals Is Stalling Human Progress](#). 2018. Quartz.

[The Moral Demand for Cultured Meat](#). 2016. Salon.

[Wild Animals Endure Illness, Injury, and Starvation. We Should Help](#). 2015. Vox.

## MISCELLANEOUS

OpenAI Red Team. 2023 to present.

Sentience Institute Board of Directors. 2020 to present.

SIGCHI Emerging Scholars. 2023. Minneapolis, USA.

Lead organizer of the Summit on AI in Society with dozens of leading AI scholars. 2022.

Diverse Intelligences Summer Institute. 2022. St. Andrews, UK.

Summer Institute in Computational Social Science. 2021. Princeton, USA (virtual).

App Academy (web development bootcamp). 2015. San Francisco, USA.

Volunteer with Animal Charity Evaluators from 2013 to 2014, then served on the Board of Directors from October 2014 to August 2015, including as Interim Board Chair in 2015.

Ad hoc peer reviewer for *ACM Conference on Human Factors in Computing Systems (CHI)*, *ACM Conference on Computer-Supported Cooperative Work (CSCW)*, *American Journal of Sociology (AJS)*, *Artificial Intelligence Review*, *Digital Society*, *Food Quality and Preference*, *Frontiers in Artificial Intelligence*, *Frontiers in Sustainable Food Systems*, *New Techno-Humanities*, and *Societal Impacts*.

Born on December 16, 1992 in Shenandoah, Texas, USA.