Jonathan Vandenburgh

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Academic Employment	**Stanford University** Postdoctoral Fellow, McCoy Family Center for Ethics and Society and Apple University, 2022-present
Education	**Northwestern University** Ph.D., Philosophy, 2022. Dissertation: "Causal Models, Meaning, and Beliefs" Committee: Sandy Goldberg, Fabrizio Cariani, Michael Glanzberg, and Lance Rips **Northwestern University** M.A., Philosophy, 2018. **University of Notre Dame** B.S., Mathematics, *magna cum laude*, 2016.
Areas of Specialization	AOS: Epistemology, Ethics, Philosophy of AI AOC: Logic, History of Philosophy
Publications	"A Causal Safety Criterion for Knowledge," *Erkenntnis* (2023) https://doi.org/10.1007/s10670-023-00678-3 "Backtracking Through Interventions: An Exogenous Intervention Model for Counterfactual Semantics," *Mind & Language* **38**(4), 981-999 (2023) https://doi.org/10.1111/mila.12447 "Conditional Learning Through Causal Models," *Synthese* **199**, 2415-2437 (2021) https://doi.org/10.1007/s11229-020-02891-x
In Preparation	"Machine Learning and Knowledge: Why Robustness Matters" Under review; available on arXiv "Statistical Generalization and the Ethics of Belief" Under review; draft available "Risk Scores, Knowledge, and Reasonable Rejection"

	"Risk in Non-Consequentialist Choice Theory"
	"A Structural Model for the Epistemology of Probability"
Other Manuscripts	"Triviality Results, Conditional Probability, and Restrictor Conditionals" Available on Philpapers (2020)
	"Learning as Hypothesis Testing" Available on Philpapers (2020)
Academic Talks	"Does Machine Learning Give Us Knowledge?" Lawrence Berkeley National Laboratory, 2023
	"Trustworthiness and Knowledge from Machine Learning"* Philosophy of Science Meets Machine Learning, 2023
	"Knowledge, Causal Safety, and Shortcuts in Machine Learning"* Causation in Kyoto, 2023
	"Counterfactuals and Algorithmic Fairness" Philosophy, AI, and Society Workshop, 2023
	"Statistical Generalization and the Ethics of Belief" Stanford Political Theory Workshop, 2023
	"A Causal Safety Criterion for Knowledge" Stanford Logic and Formal Philosophy Seminar, 2022
	"Generics, Stereotypes, and Causal Beliefs"* Dual Character Concepts, Normative Generics, and Evaluative Language, 2022
	"Learning as Hypothesis Testing"* Progic: Combining Probability and Logic, 2021
	"A Bayesian Approach to Conditionals Without Triviality"* European Summer School in Logic, Language, and Information (ESSLLI), 2019 (* indicates refereed talks)
Conference Participation	Participant, Workshop on Teaching Professional Business Ethics Georgetown University, 2023
	Chair, "Causation, determinism, and decision-making" Central APA, 2022
	Commenter, "Might- and would-counterfactuals, indeterministic structural equations, and synchronized interventions" Central APA, 2021

Teaching	**Instructor, Northwestern University** PHIL 110-CN: Intro to Philosophy, Fall 2021 **Teaching Assistant, Northwestern University** PHIL 210: History of Philosophy: Modern, Spring 2022 PHIL 260: Intro to Moral Philosophy, Fall 2019 CLASSICS 212: Rome: Culture and Empire, Spring 2019 PHIL 210: History of Philosophy: Ancient, Winter 2019 [4 sections] PHIL 254: Intro to the Philosophy of the Natural Sciences, Winter 2018 PHIL 150: Intro to Logic, Fall 2017
Professional Service	Coordinating Panelist, Ethics and Society Review Board, 2023-24 Secondary Reader, Undergraduate Thesis ("Killer Robots on the Battlefield"), 2023 Mentor for Technology and Racial Justice Graduate Fellowship, 2023 Vice President, Northwestern Philosophy Graduate Student Association, 2020-21 TA Coordinator, Northwestern Philosophy Department, 2020-21 Reviewer for *Philosophical Studies*, *Journal of Philosophical Logic*, *Synthese* (x3), *Erkenntnis*, *Linguistics and Philosophy*, *Acta Analytica* (x2), *Philosophia*, and *Theoria*
Languages and Skills	English (native), German (intermediate), French (basic), Python, MATLAB, LaTeX

References

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