

Ramón Alvarado

University of Oregon
Department of Philosophy

EDUCATION

- PhD Philosophy, University of Kansas, *2020*
- M.A. Philosophy (Epistemology of Science), University of Kansas, *2017*
- M.A. Philosophy (Ethics), The University of Texas at El Paso, *2014*
- B.A. Philosophy, The University of Texas at El Paso, *2011*

AREAS OF SPECIALTY

Philosophy of Computation, Data Ethics

AREAS OF COMPETENCE

Ethics, Philosophy of Science

ACADEMIC APPOINTMENT

- 2019- Assistant Professor of Philosophy and Data Ethics, University of Oregon

PUBLICATIONS

“Should we stop training radiologists?” In *Bioethics* (2021)

“Computer Simulations as Instruments” in *Foundations of Science*. 1-23.
DOI 10.1007/s10699-021-09812-2 (2021)

“Error, reliability and health-related digital autonomy in AI diagnoses of social media analysis.” (with Nicolae Morar) *The American Journal of Bioethics*, 21(7), 26-28. (2021)

"Epistemic Opacity, Big Data, Artificial Intelligence and Machine Learning." in *Big Data and the Democratic Process* ed. Kevin Macnish and Jai Galliot. Edinburgh University Press (2020)

“Epistemic Entitlements and Computer Simulations”
(With John Symons) *Minds and Machines* (2019): 1-24 (2019).

“Can We Trust Big Data? Applying Philosophy of Science to Software”
(With John Symons) in *Big Data & Society* 3.2 (2016):
2053951716664747.

Accepted “Explaining Epistemic Opacity” in *The Science and Art of Simulation II*
ed. Kaminski, Andreas, Michael Resch, and Petra Gehring. Springer,
Cham. (in press/production)

Translations Otto Neurath’s “An International Encyclopedia of the United Sciences” In
Logic, Epistemology, and the Unity of Science. Ed. by S. Rahman, J.
Symons, D.M. Gabbay, and J.P. van Bendegem. 2004. Kluwer Academic
Publishers. Dordrecht, The Netherlands (with John Symons)

WORKS IN PROGRESS

Monographs “Simulating Science”
“Cyber-Ethics for the 21st Century” (Coauthored)

Papers “Epistemic Injustice in Data Science”
“The Turing Test and AI’s Moral Status”
“Why Fairness Fails: algorithmic parity as an ethical concept”
“When does opacity Matter?”

PRESENTATIONS

Refereed “Reversibility as a Design Principle in Artificial Intelligence” 22nd
International Biennial Meeting for the Society for Philosophy and
Technolog. Université Catholique de Lille. (2021)

“Machine guessing, Pigeon Superstition and Trust in AI” International
Methodological School in Social and Human Sciences Conference, at the
Research and Innovation Laboratory of Theoretical-Practical Philosophy
and Applied Epistemology, Moldova State University (2020)

“Epistemic Injustice in Machine Learning Technology”
The Society of Learning Algorithms, Conference series: Science and Art
of Simulation (SAS) High-Performance Computing Center Stuttgart,
Germany (2019)

“Epistemic Injustice in the Development and Deployment of Data
Science”
5th International Conference on the History and Philosophy of Computing
Bergamo, Italy (2019)

“Epistemic Injustice in Data Science” Presented at Surveillance Technology and Bias Panel at the Institute for Digital Research in the Humanities 9th annual Digital Humanities Forum. University of Kansas (2019)

“Opacity in Computational Methods” (Poster)
National Security Agency’s Science of Security Workshop on Securing the Internet of Things. University of Kansas (2018)

“Opacity in Computational Methods”
Conference series: Science and Art of Simulation IV (SAS), Epistemic Opacity in Computer Simulation and Machine Learning. High-Performance Computing Center (HLRS), University of Stuttgart, Germany (2018)

"Instruments, Enhancement and Opacity: Problems in Simulation"
Computer Simulation Methods Summer School org. in University of Stuttgart by Politecnico di Milano, Middlesex University and the High-Performance Computing Center (HLRS). (2017)

“Epistemic Warrants in Software Intensive Science”
Summer School on Simulation and Science. Leuphana Universität Lüneburg. Lunenburg/Lenzen/Hamburg (2016)

“An Alternative Account of Moral Supervenience”
Annual Meeting for the New Mexico/Texas Philosophical Society, University of Texas at El Paso, El Paso Texas. (2014)

“The Problem of Ontic Levels in Mechanistic Explanation.”
Biannual Meeting for the International Society for the History, Philosophy and Social Studies of Biology, Montpellier, France. (2013)

"Pessimistic Meta-Induction and Proper Functions."
New Mexico/ West Texas Philosophy Conference, New Mexico State University, Las Cruces, NM (2012)

"Cómo Contrarrestar la Meta-Inducción Pesimista en la Ciencia"
Primer Encuentro Filosófico de la Frontera, Universidad Autónoma de Ciudad Juárez (2012)

Invited “The Turing Test and AI’s Moral Status” Forms of Normativity (FoNTI)
Invited Talk at University of Vienna (2021)

“Conceptual Challenges to Fairness in AI” Computer and Information Science Department Colloquium, University of Oregon (2021)

“Is Fairness Useless” Diversity Equity and Inclusion in STEM Advanced Seminar

“Epistemic Injustice in Data Science” Data Ethics Conversation Series, University of Oregon (2020)

“Qué es la Inteligencia Artificial?” Webinar Centro Universitario de Los Lagos, Universidad de Guadalajara (2020)

Panel Discussant at “Lawrence Talks: Ethics of AI”
The Commons, University of Kansas (2018)

"What Business Ethics Can Tell Us About The Panama Papers"
Latin American Graduate Organization Annual Symposium, University of Kansas (2017)

Panel Discussant at " Mapping the (Post)Human: Yuval Harari and the Next Dominant Species"
The Commons, University of Kansas (2017)

“Is decision-making complex?” (Poster)
Constraint Programming and *Decision-Making Workshop*, University of Texas at El Paso. El Paso, TX (2013)

TEACHING

Instructor Data Ethics (200-level), University of Oregon, Spring 2021

AI and Philosophy, Clark Honors College (U of O), Winter 2021

Ethics, University of Oregon, Winter 2021

AI, University of Oregon, Fall 2020

Internet, Society & Philosophy, University of Oregon, Fall 2020

Critical Reasoning, University of Oregon, Spring 2020

Advanced Data Ethics (400/500), University of Oregon, Winter 2020

Internet Society and Philosophy, University of Oregon. Winter 2020

Ethics of Technology, University of Oregon. Fall 2019

Moral Theory, University of Oregon. Fall 2019

Business Ethics, University of Kansas, Summer 2015 - Fall 2018

Introduction Philosophy, University of Texas at El Paso, (Sum) 2012-2014
Course and Syllabus Development

SERVICE TO THE PROFESSION

Chair	Session 4.06: AI Design at 22nd International Biennial Meeting for the Society for Philosophy and Technolog. Université Catholique de Lille. (2021)
	Session 7E. Science and Policy in Epidemiology. Central APA (2021)
Reviewer	<i>Minds and Machines</i> (2021) <i>Big Data and Society</i> (2021) <i>Philosophy of Science</i> (2021) <i>Medicine, Health Care and Philosophy</i> (2021) <i>Minds and Machines</i> (2020)
Organized	Data Ethics Online Seminar Series, University of Oregon (2020)
	Data Ethics Conversation Series, University of Oregon (2020)
Public Philosophy	Webinar: Qué es la Inteligencia Artificial? Centro Universitario de Los Lagos, Universidad de Guadalajara (2020)
	Lawrence Talks! Live Discussion Panel (and Podcast Episode 4 p.1) on <i>AI and AI Ethics</i> . Lawrence Public Library. (2019)
	Lawrence Talks! Podcast (Episode 4 p.2) Interview on <i>AI and the Meaning of Life</i> . (2019)
	River City Chautauqua (KKFI Community Radio broadcast and podcast) interview on <i>Opacity and Big Data</i> . (2019)
	River City Chautauqua (KKFI Community Radio broadcast) interview on <i>Surveillance Capitalism</i> . (2019)
Memberships	Commission for the History and Philosophy of Computing American Association of Mexican Philosophers APA