Ramón Alvarado

University of Oregon
Department of Philosophy
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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, University of Oregon

PUBLICATIONS

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

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 PREPARATION

Monograph   "Computer Simulations as Instruments"

Papers   "Epistemic Injustice in Data Science"
"The Turing Test and AI's Moral Status"
"Agent-Independent Epistemic Opacity"

PRESENTATIONS

Refereed   "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"
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)

Other   "Opacity in Computational Methods" (Poster)
National Security Agency's Science of Security Workshop on Securing the Internet of Things. University of Kansas (2018)

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   Critical Reasoning, University of Oregon, Spring 2020

Data Ethics, 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

(Fall 2019)   Data Ethics (Phil 223) Introduction to data ethics for data science-intensive majors. University of Oregon (Course and Syllabus)

Ethics of Technology (Phil 423): Autonomous Technology. University of Oregon (Syllabus)

Moral Theory (Phil 323): From metaethics to meaning in a good life. University of Oregon (Syllabus)

(Winter 2020) Data Ethics Seminar, University of Oregon. (Course and Syllabus)

Internet Society and Philosophy (Phil 123), University of Oregon (Syllabus)

RESEARCH

Research group work Data ethics research group, University of Oregon. (2019) Multidisciplinary collaboration exploring data ethics projects and grant opportunities between U of O and OHSU.

Research Assistant   Science of Security Lablet, the University of Kansas. (2018/2019) Interdisciplinary collaboration exploring ontological and epistemological questions concerning resilience.
PIs: Perry Alexander (KU Electrical Engineering and Computer Science) and John Symons (KU Philosophy)
Funding: National Security Agency.

SERVICE

Undergraduate Studies Committee (2019-2020)

Philosophy Self-Study Committee (2019-2020)

Head Selection Committee (2019-2020)

Library Representative (2019-2020)

SERVICE TO THE PROFESSION

Organized

2nd Annual Conference on Computational Methods and the Future of Science: Autonomy, Agency and Data Science. University of Oregon (Summer, 2020)

Conference on Computational Methods and the Future of Science, University of Kansas (2019)

Host

Red Hot Graduate Research on "Shifting Paradigms"
The Commons, University of Kansas (2018)

Referee

Paper submissions for Graduate Association of Students in Philosophy Graduate Student Conference, University of Kansas (2017)

Public Philosophy

Lawrence Talks! Live Discussion Panel (and Podcast Episode 4 p.1) on *AI and AI Ethics*. Lawrence Public Library. (2019)

Lawrence Talks! Podcast (Episode 4 p.2) Interiew on *AI and the Meaning of Life*. (2019)

River City Chautauqua (KKFI Community Radio broadcast and podcast) interview on *Opacity and Big Data*. (2019)

River City Chautauqua (KKFI Community Radio broadcast) interview on *Surveillance Capitalism*. (2019)

Memberships

Commission for the History and Philosophy of Computing

American Association of Mexican Philosophers