

Dr. Rafael Ventura

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Areas of Specialization

Philosophy of Science (incl. Biology), Philosophy of Language, Epistemology

Areas of Competence

Logic, Environmental Philosophy, Social and Political Philosophy

Appointments

- Postdoctoral Research Fellow, University of Pennsylvania, Philadelphia, PA, Spring 2020 - present
- Assistant Professor (tenure track), Bilkent University, Ankara, Turkey, Fall 2018 - Fall 2019

Education

- Ph.D. in Philosophy, Duke University, Durham, NC, 2018
- B.A. & M.A. in Philosophy & Ancient History, Humboldt-Universität, Berlin, Germany, 2012

Publications

Peer-Reviewed

1. **Ventura, R.** (*forthcoming*). Structural Inequality in Collaboration Networks, *Philosophy of Science*.
2. **Ventura, R.** and Akçay, E. (2022). A Cognitive-Evolutionary Model for the Evolution of Teaching, *Journal of Theoretical Biology*. [here]
3. **Ventura, R.** (2021). Signaling in an Unknown World, *Erkenntnis*, 1-21. [here]
4. **Ventura, R.** (2019). The evolution of cooperation in finite populations with synergistic payoffs. *Biology & Philosophy*, 34(4): 43. [here]
5. **Ventura, R.** (2019). Ambiguous Signals, Partial Beliefs, and Propositional Content. *Synthese*, 196(7): 2803-2820. [here]
6. **Ventura, R.** (2019). Quantitative Methods in Philosophy of Language. *Philosophy Compass*, 14(7): e12609. [here]
7. **Ventura, R.** (2019). Multicellular Individuality: The Case of Bacteria. *Biological Theory*, 14(2): 131-140. [here]
8. Bonito, G., Hameed, K., Krishnan, J., **Ventura, R.**, Schadt, C., and Vilgalys, R. (2016). Isolating a functionally relevant guild of fungi from the root microbiome of *Populus*. *Fungal Ecology*, 22: 35-42. [here]

Selected Talks (* = invited)

1. "Concept & Measure of Adaptation to Climate Change"
Thick Concepts in the Philosophy of Science, Hannover, Germany, December 2021
2. "Inferential Reliability"
Philosophy of Science Association, Baltimore, MD, November 2021
3. "Plurality of Values as a Foundation for Public Trust in Science"
Trust in Science, Stuttgart, Germany, October 2021
4. "Drift and Selection in a Language Change Experiment"
Culture Evolution Society, Sapporo, Japan, June 2021
Cognitive Sciences Society, Vienna, Austria, July 2021
5. "The Evolution of Information Sharing"
ISHPSSB, Cold Spring Harbor, NY, July 2021
6. "Reliability Models"
Ancestry: Evidence, Inference, Identity, Pittsburgh, PA, January 2021
*Colloquium at the University of Houston, Houston, TX, November 2019**
Computational Methods and the Future of Science, Lawrence, KA, June 2019
7. "Models of Species Metaphysics"
Philosophy of Biology at the Mountains, Salt Lake City, UT, June 2019
8. "The Causes of the Reproducibility Crisis"
Philosophy of Science Association, Seattle, WA, November 2018
9. "Ambiguous Signals, Partial Beliefs, and Propositional Content"
Society for Exact Philosophy, Storrs, CT, May 2018
*Bilkent Department of Philosophy, Ankara, Turkey, February 2018**
10. "The Emergence and Change of Linguistic Meaning"
Centre for the Logic and Philosophy of Science, Düsseldorf, Germany, February 2018

Referees

Alex Rosenberg (Philosophy)
R. Taylor Cole Professor, Duke University
email: alexrose@duke.edu

Robert Brandon (Philosophy)
Professor, Duke University
email: rbrandon@duke.edu

Carlotta Pavese (Philosophy)
Associate Professor, Cornell University
email: cp645@cornell.edu

Gareth Roberts (Linguistics)
Assistant Professor, University of Pennsylvania
email: roban@ling.upenn.edu

Erol Akçay (Biology)
Associate Professor, University of Pennsylvania
email: eakcay@sas.upenn.edu

Michael Weisberg (Philosophy)
Professor, University of Pennsylvania
email: weisberg@phil.upenn.edu