

David Teira

Madrid (1972)

Ph.D. History and Philosophy of Science, University College London

Professeur des Universités

UFR Philosophie, Sorbonne Université

1 Rue Victor Cousin, 75005 Paris

[david.teira@sorbonne-universite.fr](mailto:david.teira@sorbonne-universite.fr) | [dteira@fsof.uned.es](mailto:dteira@fsof.uned.es)<http://www.uned.es/personal/dteira/>

## INTERESTS

AOS: Philosophy of Medicine (esp. Evidence Based Medicine), Philosophy of the Social Sciences (esp. Economics), History and Philosophy of Probability

AOC: Philosophy of science, Ethics, Political philosophy

## EMPLOYMENT

Professeur des Universités [Professor], Sorbonne Université, 2021-

Catedrático [Professor], UNED, 2019-2021 (*on leave*)

Profesor titular [Associate professor], UNED, 2009-2019

Profesor Contratado doctor, UNED, 2005-2009

Profesor ayudante doctor, Universidad de Salamanca, 2003-2005

Profesor ayudante, Universidad Europea de Madrid, 2001-2003

Profesor asociado, Universidad Carlos III de Madrid, 2001-2003

*Visiting Professor*: European School of Molecular Medicine, Milan, 2013 (2 months), 2014 (2 months), 2015 (1 month); U. Paris I, 2015 (1 month) | Instituto de

Investigaciones Filosóficas UNAM, México DF, 2017 (2 months)

*Visiting fellow*: Santander fellow, Wellcome trust Centre for the History of Medicine (UCL), 2009; José Castillejo fellow, CPNSS-London School of Economics, 2007-2008*Honorary research fellow*, STS, University College London, 2013-SELECTED PUBLICATIONS (*Full list available upon request*)*Research papers*

1. “Why Experimental Balance is still a Reason to Randomize”, *British Journal for Philosophy of Science*, forthcoming (with M. Martínez)
2. “On the limits of cultural relativism as a debiasing method”, *Philosophy of science*, forthcoming
3. “The trade-off between impartiality and freedom in the 21st Century Cures Act”. *Philosophy of Medicine*, 2021, 2(1) (With D. Fraile & N. Tempini)

4. "Has classical gene position been practically reduced?", *Biology and Philosophy*, 2020, 35(5), 51 (with O. Vidal)
5. "The Babel of Drugs: On the Consequences of Evidential Pluralism in Pharmaceutical Regulation and Regulatory Data Journeys", in S. Leonelli & N. Tempini, eds., *Varieties of Data Journeys*, Cham, Springer, 207-225 (with N. Tempini)
6. "On the normative principles foundations of pharmaceutical regulation", in A. La Caze & B. Osimani, eds., *Uncertainty in Pharmacology*, Cham, Springer, 2020, 417-438.
7. "A defence of pharmaceutical paternalism", *Journal of Applied Philosophy*, 2020, 37.4, 528-542.
8. "What was fair in actuarial fairness?", *History of the Human Sciences*, 2020, 33.2, 91-114 (With A. Heras & P.-Ch. Pradier)
9. "Placebo Trials without Mechanisms: How far can we go?" *Studies in History and Philosophy of Biological and Biomedical Sciences*, 2019, 77, 101177
10. "Rules versus standards: what are the costs of epistemic norms in drug regulation?", *Science, Technology and Human Values*, 2019, 44(6), 1093–1115 (With Mattia Andreoletti)
11. "Patients' online interventions can scupper clinical trials" [Correspondence], *Nature* 565, 429 (2019) doi: 10.1038/d41586-019-00229-3 (With Niccolò Tempini)
12. "Is the genie out of the bottle? Digital platforms and the future of clinical trials", *Economy and Society*, 48:1 (2019) 77-106 (With Niccolò Tempini)
13. "Model-Based Knowledge and Credible Policy Analysis", in Hsiang-Ke Chao & Julian Reiss (eds.), *Philosophy of Science in Practice. Nancy Cartwright and the Nature of Scientific Reasoning*, Springer (Synthese Library), 2017, 181-197. (with Hsiang-Ke Chao)
14. "Testing oncological treatments in the era of personalized medicine", in G. Boniolo & M. Nathan, eds., *Philosophy of Molecular Medicine*, Routledge, 2017, 236-251.
15. "Debiasing methods and the acceptability of experimental outcomes", *Perspectives on science* 24.6 (2016), 722-743.
16. "Disease-mongering through clinical trials", *Studies in History and Philosophy of Biological and Biomedical Sciences* 51 (2015), 11-18 (with M. González-Moreno & C. Saborido)
17. "Choosing expert statistical advice: practical costs and epistemic justification", *Episteme* 12.1 (2015), 117-129 (with J. González de Prado)
18. "Cómo mide el riesgo el observador imparcial", *Crítica* 47 (2015), 47-65 (with A. Heras)
19. "Kites: the rise and fall of a scientific object", *Nuncius. Journal of the Material and Visual History of Science*, 29.2 (2014), 439-463 (with J. M. Suay)
20. "On the impartiality of British clinical trials", *Studies in History and Philosophy of Biological and Biomedical Sciences*, 44.3 (2013), 412-418.

21. “Blinding and the non-interference assumption in field experiments”, *Philosophy of the Social Sciences*, 43.3 (2013), 358-372
22. “A contractarian solution to the experimenter’s regress”, *Philosophy of science* 80 (2013), 709-720.
23. “Causality, Impartiality and Evidence-Based Policy”, in H-K Chao, S-T, Chen & R. Millstein, *Mechanism and causality in biology and economics*, N.York, Springer, 2013, 207-224 (with Julian Reiss)
24. “Why Friedman's methodology did not generate consensus among economists?”, *Journal of the History of Economic Thought*, 31.2 (2009), 201-214.
25. “The Politics of Positivism: Disinterested Predictions from interested agents”, in U. Mäki “, ed., *The Methodology of Positive Economics: reflections on the Milton Friedman legacy*, Cambridge, Cambridge University Press, 2009, pp. 189-214 (with J. Zamora Bonilla).
26. “Facts, Norms and Expected Utility Functions”, *History of the Human Sciences* 21.2 (2008), 45-62 (With P.-Ch. Pradier & S.Jallais)
27. “Ensayos clínicos e interés general”, *Arbor*, CLXXXIV 730 (2008), 207-216
28. “Milton Friedman, the Statistical Methodologist”, *History of Political Economy* 39.3 (2007), 511-528
29. “On the Normative Dimension of St. Petersburg Paradox”, *Studies in History and Philosophy of Science* 37 (2006), pp. 210-23.
30. “A Positivist Tradition in Early Demand Theory”, *Journal of Economic Methodology* 13.1 (2006), pp. 25-47
31. “Normas éticas y estadísticas en la justificación de los ensayos clínicos aleatorizados”, *Crítica* 38 (2006), 39-60 (With M. García Alonso)
32. “¿Ética o economía? Philippe van Parijs y la renta básica”, *Isegoría* 29 (2003), pp. 159-172.
33. “Frank Knight: Le risque comme critique de l'économie politique”, *Revue de Synthèse* 121.4 (2000), pp. 79-116. (With P.Ch. Pradier)

#### *Surveys [Commisioned]*

1. “Statistical evidence and the reliability of medical research”. In H. Kincaid, J. Simon & M. Solomon, *The Routledge Companion to Philosophy of Medicine*, London, Routledge, 2017, 218-227 (with M. Andreoletti)
2. “Quasi- and Field Experiments”. In: James D. Wright (editor-in-chief), *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol 19. Oxford: Elsevier, 2015, pp. 736–741. (with A. Diaz, M. Jiménez-Buedo)
3. “The Ethics of Statistical Testing”, in C. Luetge, ed., *Handbook of the Philosophical Foundations of Business Ethics*, Springer, 2013, pp. 1535-1549 (With Jan Sprenger)
4. “Frequentist versus Bayesian Clinical Trials”, in Fred Gifford, ed., *Philosophy of Medicine [Handbook of Philosophy of Science, vol. 16]*, Amsterdam, Elsevier, 2011, pp. 255-297

5. “Continental Philosophies of the Social Sciences”, I. Jarvie & J. Zamora (eds.), *The Sage Handbook of the Philosophy of the Social Science*, London, Sage, 2011, pp. 81-102
6. “Los economistas como metodólogos: Friedman y Samuelson”, en Juan Carlos García-Bermejo (ed.), *Sobre la economía y sus métodos* [Enciclopedia Iberoamericana de Filosofía, vol, 30], Madrid, Trotta-CSIC, 2009, pp. 21-34

*Edited*

1. T. Reydon, D. Teira, A. Toon, EPSA17: Selected papers from the biannual conference in Exeter, *European Journal for Philosophy of Science*, Virtual Issue.
2. J. Reiss, M. Solomon, D. Teira, eds., "Mechanisms, continental approaches, trials, and evolutionary medicine: New work in the philosophy of medicine", *Theoretical Medicine and Bioethics* 31.2 (2011)
3. Review Symposium: J. Reiss, *Error in economics, Economics and philosophy*, 25.2 (2009), 199-215.
4. J. Reiss, D. Teira, J. Zamora, eds., “New Philosophy of the social sciences”, *Philosophy of the social sciences*, 38.3 (2008), 311-78.
5. D. Teira &, J. Zamora, eds, "Science, normativity and the public", *Social epistemology*, 21.1 (2007), pp. 1-81

SELECTED TALKS AND CONFERENCE PAPERS (2016-2022)

---

1. “Incertitude et paternalisme pharmaceutique”, Incertitude et médecine: perspectives historiques et contemporaines, U. Lyon III, 12/2021 (*invited*) | U. Clermont Ferrand, 2/2022 (*invited*)
2. “Why experimental balance is still a reason to randomize?”, EPSA, U. Turin, 9/2021 (with Marco Martinez)
3. “The trade-off between impartiality and participants' freedom in clinical trials”, Workshop: Reactivity in the research process, U. Bergen, 3/2020 (*invited*) | Philosophy and Methodology of Medicine, LMU Munich 6/2021 (*keynote*)
4. “Regulatory evidence: the US 21st Century Cures Act in historical perspective”, Gesellschaft für Geschichte der Wissenschaften Tagung 2019, U. Bonn, 9/2019 (*keynote*)
5. “On the limits of cultural relativism as a debiasing method”, Norms in social research workshop, U. Bergen 9/2019 (*invited*) | PSA 2020, Baltimore
6. “Health risks, insurance and fairness”, 2<sup>nd</sup> International Conference on the Philosophy of Public Health, Universitat Autònoma de Barcelona, 6/2019 (*Invited*)
7. “Biases and replication: a contractarian approach”, BIAS 2019, LMU Munich 4/2019.
8. “Has classical genetics been practically reduced?”, Congreso de la SLMFCE IX, Madrid 11/2019 | EPSA 19, U. Geneva 9/2019 (with O. Vidal)
9. “Rules versus standards in drug regulation”, PSA 2018, Seattle 11/2018 | Statistical evidence and evidence of mechanisms Workshop, U. Valencia 6/2019 (*Invited*) (with M. Andreoletti)

10. “Clean Data on the Cholera Plague”, HSS 2018, Seattle 11/2018 (with C. Uzcanga)
11. “The tailor, the peddler, and the influencer: three experiences of a philosopher engaging with physicians”, Connecting the medical humanities with healthcare, University College London, 5/2018 (*invited*)
12. “Actuarial fairness counter-performed”, Performativity and the Governance of Actuarial Models, EHESS, Paris 2/2018.
13. “Policy of Truth: Data Journeys from the Patient to the Pharmaceutical Regulator”, Varieties of Data Journeys, U. Exeter, 11/2017 (with N. Tempini) (*Invited*)
14. “Evidential pluralism and regulatory paternalism in drug testing”, Data Journeys Workshop, U. Exeter 1/2017 (*Invited*) | Drug Safety Workshop, LMU Munich 1/2017 (*Invited*)
15. “Does Replication Help With Experimental Biases In Clinical Trials?”, PSA 2016, Atlanta 11/2016 | Scientific Misconduct and Scientific Expertise Workshop, Universitat Autònoma de Barcelona, 11/2016 (*Invited*)
16. Session Convenor: “Weakening and strengthening forensic science in Europe”, 4S/EASST, Barcelona 9/2016
17. “Which patients should bear the costs of drug testing?”, 1<sup>st</sup> International Conference on the Philosophy of Public Health, Universitat Autònoma de Barcelona, 5/2016 (*Invited*)
18. “Telling placebos apart”, Placebo effect/response Workshop, Manchester Metropolitan University, 4/2016 (*Invited*)
19. “Taking the Risks of Testing Personalized Treatments”, MUST 9, LMU Munich, 3/2016 (with M. Lemoine & B. Clarke)

*Talks at regular Departmental seminars:*

Egenis (Exeter U., 2016), Dpt. of Philosophy (Bristol U., 2016), Chaire for Ethics and Financial Norms (U. Paris I, 2016), Seminario Abierto de Filosofía (UPV/EHU, 2016), Seminario de Investigadores (IIF-UNAM, 2017), Seminario de Bioética (UNAM, 2017), Dpto. de Filosofía (U. Valencia, 2017), ETH Zurich, 2018, CLPS (Gent U, 2019), Dpto. De Filosofía (U. Málaga, 2020), HPS (Cambridge, 2021), SND (Sorbonne U., 2021), Facultad de Economía (UNAM, 2021), Hôpital Armand-Trousseau (Paris, 2021), *Cercle d’Epistemologie Economique* (U. Paris I, 2021) Facultad de CC. Políticas y Sociología (UNED, 2022)

AWARDS, GRANTS

---

*Awards*

Premio extraordinario de licenciatura (*First class honours*, B.A. 1996), Premio extraordinario de doctorado (*First class honours*, Ph.D. 2003); Best doctoral dissertation 2001-2003, Spanish Society for Logic, Methodology and Philosophy

of Science; José Castillejo Fellowship (Spanish Ministry of Science, 2007); Young researcher award (UNED-Banco de Santander, 2008); Runner up, OCW Universia Awards (2010)

#### *Grants*

Principal investigator of: “Biases in experiments with humans in the social and biomedical sciences” (2011-2015), 30.000 EUR + 82.000 EUR research fellowship; “Normative inferences and interferences in scientific research” (2015-2018), 27.000EUR, “Racionalidad y contraconocimiento” (2019-2021), 52.000EUR + 82.000 EUR research fellowship. Part of the research team in three Spanish Ministry of Education research grants (2003-2011), totaling 120.000 EUR. Occasional research grants and contracts from various Spanish (AECL, FECYT, UNED) and international (NWO) funding bodies.

#### SELECTED TEACHING

---

##### *Thesis advised*

Doctoral dissertations: UNED: J. M. Suay (2013); Francisco Molina, (co-supervised with Francisco Vázquez, UCa, 2016); Clara Uzcanga, (co-supervised with B. Hoppe, LMU, 2017); Ezequiel López Rubio (co-supervised with E. Ratti, Notre Dame, 2020) | European Institute of Oncology/UdS Milan: Mattia Andreoletti (2018).

##### *External examiner (PhD)*

Universidad del País Vasco (Philosophy, 2011), Università degli Studi di Milano (Philosophy, 2013), U. Paris I Pantheon-Sorbonne (Economics, 2014), Universidad Autónoma de Madrid (Medicine, 2015), University of Toronto (Medicine, 2016), Université de Lausanne (Law, 2017), Universidad Nacional Autónoma de México (Philosophy, 2018), U. Barcelona (Philosophy, 2018), U. Johannesburg (Philosophy, 2022)

##### *Invited graduate teaching:*

Universidad de Salamanca (2005), University College London (2008, 2009), Universidad del País Vasco (2012), Universidad Austral de Chile (2013), European School of Molecular Medicine (2013, 2014, 2015), U. Paris I (2015), Instituto de Investigaciones Filosóficas, UNAM (2017), Universidad de Valencia (2021)

##### *Courses materials (selection)*

OCW: [Filosofía de las ciencias sociales](#), OCW Universia  
MOOC: [Informes Periciales científicos: ¿cómo interpretarlos?](#) EDX UNED Abierta | [Periodismo y verificación de noticias en la era de las Fake news](#) EDX UNED

#### SERVICE TO THE PROFESSION

---

##### *Refereeing*

Journals: *Ágora*, *Argumenta*, *Asclepio*, *British Journal for Philosophy of Science*, *Cambridge Journal of Economics*, *Crítica*, *Daimon*, *Economics & Philosophy*,

*Enrahonar, Erkenntnis, European Journal for Philosophy of Science, Empiria, History of Political Economy, Isegoría, Journal of Economic Methodology, HAU Journal of Ethnographic Theory, Journal of the History of the Behavioral Sciences, Journal of Evaluation in Clinical Practice, Journal of Medicine and Philosophy, Journal of Philosophical Economics, Journal of Theoretical Medicine and Bioethics, Lato Sensu, Logos, Papers, Perspectives on Science, Philosophy of medicine, Philosophiques, Philosophy of Science, Philosophy of the Social Science, Research in the History of Economic Thought and Methodology, Revista de Ciencias Sociales, Revista española de investigaciones sociológicas, Revista de filosofía, Revista internacional de sociología, Risk Analysis, Science as Culture, Social epistemology, Studies in History and Philosophy of science, Studies in History and Philosophy of Biological and Biomedical Sciences, Synthese, Theoria, Theoretical Medicine and Bioethics, Topoi.*

Publishers: Routledge, London College Publications, Oxford University Press, Springer, Rowman & Littlefield

Funding bodies: ANEP (Spain), Canada Research Chairs, FNRS (Belgium), Fondecyt (Chile), European Research Council, Hcéres (France), Research Foundation Flanders (Belgium), South African National Research Foundation, Swiss National Science Foundation.

Recruitment/Promotion committees: University of Queensland, University College Cork, University of Zaragoza, Universidad Complutense de Madrid, U. South Carolina, Columbia University

*Committees, etc.*

*BSPS Open*, editor-in-chief (2020-) | *Philosophy of medicine*: Governing board (chair) | *European Journal for Philosophy of Science*: Associate editor (2016-2020), Editorial board (2020-) | *History and Philosophy of the Life sciences*, Associate editor (2018-2021) | *Theoria*: Deputy editor (2009-2013), consulting editor (2013-2020) | *Éndoxa*: editorial board (2017-)

Phil-Sci Archive board (2018-), PSA Committee on Open Acces Monograph Publishing (co-chair, 2017-2019), EPSA Board (2013-2015), EPSA Newsletter editor (2013-2015); International Network of Economic Methodology, Executive Board (2012-2018); Philosophy of Medicine Roundtable (2009-2019), Steering committee; Conseil d'administration, Société de Philosophie des Sciences (2011-2017). Coordinador de actividades, Fundación Urrutia Elejalde (2003-2014). Newsletter editor, Spanish Society for Logic, Methodology and Philosophy of Science (2005-2008); Junta directiva, Sociedad Iberoamericana de Metodología Económica (2000-2003).

*Major conferences organized*: New Philosophy of the Social Sciences (2006), Social norms (2008), INEM 2008, Philosophy of medicine roundtable (2009, 2011), ENPOSS 2014, Models and Simulations 7 (2016), INEM 2017.

*Scientific committee*: ENPOSS 2012, IV Congrès Societé de Philosophie de Sciences 2012, XXII SIUCC 2012, Philosophy of Medicine Roundtable (2013-

2019), EPSA 2013 (Helsinki), Conferences Duhem 2015, 15th Congress of Logic, Methodology and Philosophy of Science (2015), Objectivity in Science (Tilburg, 2015). Evidence, Inference and Risk (Munich, 2016), III Lisbon International Conference on Philosophy of Science (Lisbon, 2016), EPSA 2017 (Exeter, Co-chair), INEM 2017, ENPOSS 2017, Conceptual and Methodological Aspects of Biomedical Research (Prague, 2020), XII Congrès Société de Philosophie de Sciences 2020, 17th Congress of Logic, Methodology and Philosophy of Science (2022)

*Major administrative duties*

UFR Philosophie, Sorbonne U: International Exchanges coordinator (2021-), Biomedical Humanities Master Coordinator (2021-)

Departamento de Lógica, Historia y filosofía de la ciencia, UNED: Head of department (2011-2019), Graduate tutor (2006-)

Departamento de Filosofía, Universidad de Salamanca: Non-tenured faculty representative, Junta de Facultad (2003-2005)