

Current position

FCT Research Fellow - SFRH/BPD/99879/2014
Centre for Philosophy of Science of the University of Lisbon
Faculdade de Ciências da Universidade de Lisboa Campo Grande
Edifício C4, 1749-016 Lisboa
Portugal

Current affiliations

Adjunct Professor at the Universidad de Santiago de Chile, Santiago, Chile
Member, Instituto Interdisciplinario de Filosofía y Ciencias de la Complejidad, Santiago, Chile
Visiting Lecturer at the Universidad de Concepción for the period 2014-2016, Chile

Former academic positions

Lecturer of Philosophy at the Universidad de Santiago de Chile, Santiago, Chile (2010-2014)
Post-doctoral Research Fellow at the Konrad Lorenz Institute (KLI) for Evolution and Cognition Research, Altenberg, Austria (2006-2008)

University Education

Ph.D. in Philosophy – Department of Philosophy, Logic and Scientific Method, London School of Economics and Political Science, United Kingdom

First degree in Philosophy – Department of Philosophy, Bologna University, Italy

Research experience

Principal investigator - The philosophical relevance of microbial research: the emergence of a new domain-general vision of life - Research grant N° 11110409, Fondo Nacional de Desarrollo Científico y Tecnológico de Chile, CLP \$ 19.486.000 (2011-2014)

Participant - Humans, sub humans, animals: the limits of humanity – Fondo Nacional de Investigación, Ciencia y tecnología de Chile and Instituto de Estudos Avançados, Universidad de Sao Paulo, Brasil (2012-2014)

Participant - Questioning the Tree of Life Project – The Leverhulme Trust, United Kingdom (2008-2010)

Research Fellow - The epistemological implications of selection theory - Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg, Austria (2006-2008)

Publications

A soul of truth in things erroneous: Popper's "amateurish" evolutionary philosophy in light of contemporary biology (with Lorenzo Baravalle).
History and Philosophy of the Life Sciences, 36:525-545, 2015

De humanos y líquenes.
Scientiae Studia, 12 (2):331-357. 2014

The epistemological resilience of the concept of morphogenetic field (with Isaac Hernandez).
In Minelli, A. & Pradeu, T. (eds.) Towards a Theory of Development. Oxford University Press. 2014

The Trouble with Natural Genetic Engineering.
Biological Theory, 7 (1):80-88. 2013

Taking Biology Seriously : Neo-Darwinism and its Many Challenges.
In Brinkworth, M.H. & Weinert, F. (eds.), Evolution 2.0: Implications of Darwinism in Philosophy and the Social and Natural Sciences. Springer. 2012

Reviewer's report - The public goods hypothesis for the evolution of life on Earth.
Biology Direct 6:41. 2011

Risky Business.
Biological Theory, 5 (2):187-193. 2010

Invited presentations

On the concept of biological information and its supposed problems
Universidad de Santiago, Chile
14 October 2014

The origin of subjectivity: a biopsychist perspective
Universidad de Concepcion, Chile
6 October 2014

El origen de la subjetividad
"Humanos e Animais: Os Limites da Humanidade", Instituto de Estudos Avançados
Universidad de Sao Paulo, Brasil
30 September 2014

The ineffability of organisational closure
"Naturaliser les normes biologique?"
Universite de Toulouse 2 Le Mirail, France
14 February 2014

Human nature and the symbiotic view of life
International Symposium on Biopolitics and Bioethics
Universidad de Santiago, Chile
25 September 2013

Biological causation and proximate explanations
SADAF, Buenos Aires, Argentina
23 October 2012

Una nueva metáfora por el estudio de la evolucion cultural?
Symposium "Homem natural, homem cultural, homem animal" at the Departament of Philosophy
Universidad de Sao Paulo, Brasil
31 August 2012

The biological foundation of the concept of human nature
Symposium "Homem natural, homem cultural, homem animal" at the Departament of Philosophy
Universidad de Sao Paulo, Brasil
30 August 2012

New metaphors for the study of culture
Konrad Lorenz Institute for Evolution and Cognition Research, Altenberg, Austria
26 July 2011

Compositional evolution and the challenge to the tree of life hypothesis
Questioning the Tree of Life
London, United Kingdom
10 July 2010

A 21st Century View of Evolution
International Darwin Conference
Bradford University, United Kingdom
25 September 2009

The role of Lamarckian processes in the context of an “expanded” evolutionary synthesis
The Return of the Environment in Concepts of Heredity, Development and Evolution
University of Leeds, United Kingdom
16 May 2008

Other presentations

Complejidad biológica y ortogenesis
Universidad Católica, Santiago, Chile
17 October 2014

Internal panteleology, accidental combinogenesis and evolutionary contingency
Evolution and historical explanation: contingency, convergence and teleology
St Anne's College, Oxford University, United Kingdom
19 July 2014

Towards an heteroplastic view of biological individuality
Redefining the Self: Biological and Philosophical Perspectives
Sorbonne University, Paris, France
23 June 2014

Mutational Lamarckism and mutational randomness as conditional independence (with Pablo Razeto-Barry)
ISHPSSB 2013, Montpellier, France
8 July 2013

From slot machines to pangenomes
Horizontal and Vertical Transmission and Micro- and Macroevolutionary Patterns of Biological and Sociocultural Evolution
Calouste Gulbenkian Foundation, Lisbon, Portugal
27 May 2013

Biological causation and the science of morphogenesis
XXIII Jornadas de Epistemología y Historia de la Ciencia
Universidad Nacional de Córdoba, Argentina
12 October 2012

The use of information language in molecular biology: a hodge-podge of concepts without a common thread?
VIII Encuentro de Filosofía e Historia de la Ciencia del Cono Sur
Congreso Nacional, Santiago, Chile
17 October 2012

A new metaphor for the study of culture
Biological and Cultural Evolution and Their Interaction
Aarhus University, Denmark
29 June 2012

Ex DNA omnia?
XIII Jornadas Rolando Chuaqui Kettlun
Universidad Católica de Chile, Santiago, Chile
19 October 2011