

Curriculum Vitae

Marina Baldissera Pacchetti

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Education

M.Sc., Environmental Studies (Expected April 2020)
Voinovich School of Leadership and Public Affairs, Ohio University

Ph.D., History and Philosophy of Science (2018)
University of Pittsburgh
Dissertation: *Spatiotemporal Scales in Scientific Modeling: Identifying Target Systems*
Advisor: Prof. Robert Batterman

M.Sc., History and Philosophy of Science (2010)
London School of Economics and Political Science
Passed with First Class Honours

B.Sc., Mathematics and Physics (2009)
University College London
Passed with First Class Honours

Areas of Specialization

Philosophy of Science, Philosophy of Climate Science, Environmental Philosophy

Areas of Competence

History of Science (esp. Early Modern), Philosophy of Physics, Logic, Ancient Philosophy

Courses Currently Attending

Plant Biology and Community Ecology (PBio 5350) with Dr. G. Matlack

Natural Resource Conservation (Geog 5470) with Dr. G. L. Buckley

Concepts of Sustainability (ES6830) with Dr. G. Dabelko

Community Based Environmental Studies (ES6800) with L. McCosker

Grant Writing (ES5900) with F. Knutsen

Peer Reviewed Journal Articles

Baldissera Pacchetti, Marina, 2018, “A Role for Spatiotemporal Scales in Modeling”,
Studies in History and Philosophy of Science, Part A.

Peer Reviewed Conference Presentations

“A Role for Spatiotemporal Scales in Modeling”

The 18th UK and European Conference on Foundations of Physics, London
School of Economics, UK. 16-18 July 2016

“In what sense is uncertainty intrinsic to climate science?”

British Society for the Philosophy of Science Annual Meeting, University of
Manchester, UK. 2-3 July 2015

“In what sense is uncertainty intrinsic to climate science?”

Uncertainty in Climate Science and its Impact on Decision Making, Sorbonne-
Universités (SND), University of Paris 4. 26-28 May 2015

“In what sense is uncertainty intrinsic to climate science?”

Algorithms and Complexity in Mathematics, Epistemology and Science, Rotman
Institute, University of Western Ontario, May 4-5 2015

“Turning Music into Sound: Vincenzo Galilei’s contributions to acoustics”

Biennial Meeting of the History of Science Society, November 2014, Chicago

“Turning Music into Sound: Vincenzo Galilei’s contributions to acoustics”

167th Meeting of the Acoustical Society of America, Providence, Rhode Island.
May 5-9 2014

“Idealization of Scales of Motion in Atmospheric Dynamics”

Second Irvine-Pittsburgh-Princeton Conference on the Mathematical and
Conceptual Foundations of Physics, Department of Logic and Philosophy of
Science, UC Irvine. March 20-21 2014

“Turning Music into Sound: Vincenzo Galilei’s contributions to the Science of Music”

Galileo: Science, Faith and the Arts, St. Michael’s College, University of Toronto.
October 3-4, 2013

Teaching Experience

At the University of Pittsburgh, Department of History and Philosophy of Science:

Independent Instructor

Magic, Medicine and Science (History of science from Ancient Greek philosophy and
science to the Early Modern period), Spring 2017

Myth and Science (History of Ancient Greek Philosophy and Science), Fall 2016

Principles of Scientific Reasoning (Critical Thinking), Spring 2015

Teaching Assistant

Magic, Medicine and Science, with Prof. Peter Machamer, Spring 2013

The Nature of Emotions, with Prof. James Lennox, Fall 2012

Workshops and Summer Schools Attended

Utrecht Summer School on Physics of the Atmosphere at the Institute for Marine and Atmospheric Research. August 18-29, 2014

Research Methods Workshop for Early-Career Graduate Students on Music and Travel, 1500-1700. March 7th 2014

Vienna International Summer School / Scientific World Conception
Summer 2013 July 1-14 Session on 'Climate Studies'

Grants and Awards

Newberry Renaissance Consortium Grant, 2014

Travel Grant to attend Second IPP conference at UC Irvine, 2014

Wesley C. Salmon Research Fund, 2014

Travel Grant for the Philosophy of Logic, Math and Physics Graduate conference and Metaphysics within and without Physics, University of Western Ontario, 2014

NSF Travel grant for HSS 2014, Chicago

Teaching award for excellent student reviews for the course HPS0515, Department of History and Philosophy of Science, 2013

Service to the Profession

Co-organizer with Dr. Giovanni Valente, Workshop on Climate Models and Public Policy, Department of Philosophy, University of Pittsburgh, February 28th, 2015

Co-organizer with Elay Shech and Dr. Giovanni Valente, Workshop on Climate Models and Uncertainty, Center for History and Philosophy of Science, University of Pittsburgh, February 26th, 2015

Media Contributions

Nature Podcast: *Music and the making of science*, Published March 12th 2015
url: <http://www.nature.com/nature/podcast/index-audiofile-2015-03-12.html>

Languages

Italian (native), English (fluent), German (fluent), Spanish (conversational), French (novice), Latin