

Eric B. Winsberg

PHILOSOPHY OF SCIENCE · PHILOSOPHY OF PHYSICS · PHILOSOPHY OF CLIMATE SCIENCE

Department of Philosophy, University of South Florida 4202, East Fowler Avenue, FAO226, Tampa, Florida 33620-7926



h-index: 16 · i10-index: 18 · Google Scholar Citations: 1304

Employment

- 2014- **Professor of Philosophy**, University of South Florida *Tampa, Florida, USA*
- 2006- **Associate Professor of Philosophy**, University of South Florida *Tampa, Florida, USA*
- 2001- **Assistant Professor of Philosophy**, University of South Florida *Tampa, Florida, USA*
- 1999- **Postdoctoral Fellow**, Northwestern University *Evanston, IL, U.S.A*

Education

- 1999 **Ph.D. in History and Philosophy of Science**, Indiana University *Bloomington, IN*
- 1989 **B.A., History, Philosophy and Social Studies of Science and Medicine**, University of Chicago *Chicago, IL, U.S.A*

Visiting Fellowships

- 2016 **Senior Fellow**, Institute for Advanced Study, Leuphana University *Lüneburg, Germany*
- 2013 **Fellow**, Center for Advanced Study, MCMP, Ludwig Maximilians Universität *Munich, Germany*
- 2013 **Visiting Scholar**, Department of Philosophy, University of California *Berkeley, CA USA*
- 2008 **Fellow**, Institute for Advanced Study, University of Durham *Durham, UK*

University of South Florida

University of Durham

University of California

Simulations, Models, and Theories: Complex Physical Systems and their Representations

Philosophy of Science 68: S442-S454

Winsberg, E

2001

Sanctioning Models: The Epistemology of Simulation

Science in Context 12(3): 275-92

Winsberg, E

1999

Encyclopedia Entries

Climate Science

Stanford Encyclopedia of Philosophy

Frisch, Mand Winsberg, E

forthcoming

Computer Simulation in Science

Stanford Encyclopedia of Philosophy

Winsberg, E

2013

Computer Simulation and the Philosophy of Science

Philosophy Compass, VOL 4

Winsberg, E

2009

Simulation

Oxford Companion to the History of Science

Winsberg, E

2002

Book Chapters

Success and Scientific Realism: Considerations from the Philosophy of Simulation

Routledge Handbook on Scientific Realism, EDITED BY JUHASZ ACSI, ROUTLEDGE

Winsberg, E and Mirza, A

forthcoming

Making an Author in Radically Collaborative Research

Book Reviews

Simulation and Similarity

Notre Dame Philosophical Reviews

Michael Weisberg

2013

Science without Laws: Model Systems, Cases, Exemplary Narratives

Metascience, 18(2): 265-8

A. Creager & E. Lunbeck, eds

2009

Model-Based Reasoning: Technology, Science, Values

Philosophy of Science

L. Magnani & N. Nersessian, eds

2008

The Dappled World: Essays on the Boundaries of Science

Journal of Philosophy

with Frisch, M., Darling, K., and Fine, A

Nancy Cartwright

2002

Invited keynotes, plenaries, etc.

Confirmation in Analog and Computer Simulation

Reflections on the Relationship between Verification and Validation in Computer Simulation

WORKSHOP ON "THE ART AND SCIENCE OF SIMULATION"

Stuttgart, Germany

October 2015

Reflections on the Relationship between Verification and Validation in Computer Simulation

WORKSHOP ON "HOW TO BUILD TRUST IN COMPUTER SIMULATIONS: TOWARDS A GENERAL EPISTEMOLOGY OF VALIDATION"

Hannover, Germany

July 2015

Values and uncertainties in the predictions of global climate models

WORKSHOP ON "UNCERTAINTY IN CLIMATE MODELING"

Pittsburgh Center for the Philosophy of Science, PA

February 2015

The adventures of climate science in the sweet land of idle arguments

WORKSHOP ON "CLIMATE MODELING AND PUBLIC POLICY"

- joint work with William Goodwin

University of Pittsburgh Philosophy Department, PA

February 2015

Confirmation via Analogue Simulation: What Dumb Holes Could Tell us About Gravity

MODELS AND EXPERIMENTS WORKSHOP

- joint work with Radin Dardashti and Karim Thébault

Geneva, Switzerland

June, 2014

Confirmation via Analogue Simulation: What Dumb Holes Could Tell us About Gravity

BRITISH SOCIETY FOR THE PHILOSOPHY OF SCIENCE

- with Radin Dardashti and Karim Thébault

Cambridge, UK

November 2014

Deflationism, Pragmatism and Metaphysics

FLORIDA PHILOSOPHICAL ASSOCIATION

- with with Rebecca Kukla

Orlando, Florida

November 2012

Deflationism, Pragmatism and Metaphysics

FLORIDA PHILOSOPHICAL ASSOCIATION

Orlando, Florida

November 2012

Deflationism, Pragmatism and Metaphysics

NEWS SCIENCE—NEW RISKS: CENTER FOR PHILOSOPHY OF SCIENCE

University of Pittsburgh, PA

March 2012

Levels of Shared Epistemic Norms

EUROPEAN PHILOSOPHY OF SCIENCE ASSOCIATION

Athens, Greece

October, 2011

Laws and Chances in Statistical Mechanics

EUROPEAN PHILOSOPHY OF SCIENCE ASSOCIATION

Amsterdam, Netherlands

October, 2009

Courses Taught

Graduate

PHILOSOPHY OF SCIENCE; PHILOSOPHY OF SPACE AND TIME; LOGICAL THEORY; MODAL LOGIC; TRUTH; SCIENCE AND SOCIAL VALUES; THE LATE WITTGENSTEIN; COMMERCIALIZATION IN BIOMEDICAL RESEARCH; WITTGENSTEIN AND USE THEORIES OF MEANING

Undergraduate

PHILOSOPHY OF SCIENCE; PHILOSOPHY OF MIND; LOGIC; EPISTEMOLOGY; SCIENCE AND SOCIETY (UNDERSTANDING SCIENTIFIC REASONING); MINDS AND MACHINES; SCIENCE CULTURE AND SOCIETY; REVOLUTIONS IN SCIENCE; PHILOSOPHY CAPSTONE SEMINAR ("TIME IN PHILOSOPHY, LITERATURE AND FILM").

Service

Department

UNDERGRADUATE ADJ

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Mar

SIAD

PHILOSOPHY OF M — DSGIN

USF Philosophy

M A

EMERGIN

Profession

PHILOSOPHY OF SCIENCE; BRITISH JOURNAL FOR THE PHILOSOPHY OF SCIENCE; PHILOSOPHERS IMPRINT; ERKENNENS; SYNTHESIS; STUDIES IN HISTORY AND PHILOSOPHY OF SCIENCE; STUDIES IN HISTORY AND PHILOSOPHY OF MODERN PHYSICS; STUDIES IN HISTORY AND PHILOSOPHY OF BIOLOGY; PERSPECTIVES ON SCIENCE; INTERNATIONAL STUDIES IN PHILOSOPHY OF SCIENCE; COGNITIVE SCIENCE; ENTROPY; KENNEDY INSTITUTE OF ETHICS JOURNAL; PHILOSOPHY OF TECHNOLOGY; PUBLIC AFFAIRS QUARTERLY; SIMULATION AND GAMING; ERASMUS JOURNAL FOR PHILOSOPHY AND ECONOMICS

*Journal referee***Profession**

CAMBRIDGE UNIVERSITY PRESS; UNIVERSITY OF CHICAGO PRESS; ROUTLEDGE; PRENTICE-HALL

*Manuscript review***Profession**

PHILOSOPHY OF SCIENCE ASSOCIATION; MODELS AND SIMULATIONS CONFERENCES: (MS1, MS2, MS3, MS4, MS5, MS6, MS7); INCONSISTENCY ROBUSTNESS

*Program Committees***Language**

Fluent

ENGLISH; FRENCH

Intermediate

GERMAN