

# 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

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- 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

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- 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

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- 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*

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**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**

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**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**

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**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**

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### ***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.**

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### **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

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### 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

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### Department

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**Profession***Journal referee*

PHILOSOPHY OF SCIENCE; BRITISH JOURNAL FOR THE PHILOSOPHY OF SCIENCE; PHILOSOPHER'S 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

**Profession***Manuscript review*

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

**Profession***Program Committees*

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

**Language**

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**Fluent**

ENGLISH; FRENCH

**Intermediate**

GERMAN