Boston Colloquium for Philosophy of Science

www.bu.edu/cphs

Joint Meeting with the History of Science Society

Science in the Streets: Public Engagement Then and Now[§]

Thursday, November 21, 2013 Westin Waterfront Hotel Harbor Ballroom III 425 Summer Street, Boston

3-6 pm

This session will consist of two panel discussions exploring innovative ways of connecting ordinary citizens with science, and how the history of science can inform and enrich these efforts.

PANEL I: SCIENCE AND SPECTACLE

Science Festivals and the Changing Culture of Science Engagement

> John Durant Director of the MIT Museum and Executive Director of the Cambridge Science Festival

History of Science Through Comedy

David Kaiser Massachusetts Institute of Technology

Panel discussion on current initiatives such as *Story Collider* as well as historical cases such as the "shocking" public spectacles of itinerant electrical showmen and Benjamin Franklin, the history of automata and court entertainment, and showmanship and dinosaur bones in the history of American paleontology.

Revisiting the Foundations of Statistics in the Era of Big Data: Scaling Up to Meet the Challenge^{**}

Friday, February 21, 2014 Photonics Center, 9th Floor Colloquium Room 8 St. Mary's Street, Room 906

10 am-Noon

Computational Challenges in Genomic Medicine

> Jill Mesirov Computational Biology and Bioinformatics, Broad Institute

Selection, Significance, and Signification: Issues in High Energy Physics

> Kent Staley Philosophy, Saint Louis University

1:30-5:30 pm

Multi-Resolution Inference:

An Engineering (Engineered?) Foundation of Statistical Inference

Xiao-Li Meng Statistics, Harvard University

Is the Philosophy of Probabilism an Obstacle to Statistical Fraud Busting?

Deborah Mayo Philosophy, Virginia Tech

Targeted Learning from Big Data Mark van der Laan Biostatistics and Statistics, University of California, Berkeley

Panel Discussion

The Boston University Center for Philosophy & History of Science was founded in 1960 as an interdepartmental, interuniversity forum on the nature of science. For over 50 years the Colloquium has fostered the center's goal of building interdisciplinary bridges between the humanities and sciences by bringing together the world's leading scholars in the philosophy, history, and social studies of science in an annual lecture series.

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The Alfred I. Tauber Forum* **Evolutionary Explanations** of Morality[†]

Friday, September 27, 2013 Barristers Hall Boston University School of Law 765 Commonwealth Avenue

1-6 pm

Ethics as a Human Project

Philip Kitcher Philosophy, Columbia University

Morality Did Not Evolve

Edouard Machery History and Philosophy of Science, University of Pittsburgh

The Limits of Evolutionary Explanations of Morality

Russell Powell Philosophy, Boston University

Why Evolution Doesn't Debunk Ethical Realism

> **William FitzPatrick** Philosophy, University of Rochester

Strategic Morality Robert Kurzban

Psychology, University of Pennsylvania

* The annual Alfred I. Tauber Forum on Integrating Scientific Knowledge with Human Needs is named in honor of the center's second director. For further details, see www.bu.edu/cphs/directors.

 $\dagger\,$ Supported by the Boston University Center for the Humanities.

The Robert S. Cohen Forum[‡]

Time in Cosmology

Friday, October 18, 2013 The Castle, 225 Bay State Road

1-5 pm

Time and Law in Cosmology

Lee Smolin Perimeter Institute for Theoretical Physics

Realism without Reification: How to Believe in Becoming

Jenann Ismael Philosophy, University of Arizona

A Universe in Which Everything Changes Sooner or Later

Roberto Mangabeira Unger Harvard University

Cosmological Laws without Real Time

Chris Smeenk Philosophy, University of Western Ontario

* The annual Robert S. Cohen Forum on Contemporary Issues in Science Studies is named in honor of the center's cofounder and first director. For further details, see www.bu.edu/cphs/directors. PANEL II: CROWDSOURCING SCIENCE: SCIENCE BY THE PEOPLE?

Crowdsourcing at the Smithsonian: From 1849 Weather Observers to Today's *Encyclopedia of Life*

> **Pamela Henson** Director of the Institutional History Division, Smithsonian Institution Archives

Life, Liberty, and the Pursuit of Data: From Whewell's "Subordinate Labourers" to Maury's Seafarers

> Caren Cooper Cornell Lab of Ornithology

Panel discussion on current initiatives such as Zooniverse and Foldit as well as historical cases such as networks of human earthquake observers and crowdsourcing in the history of astronomy.

⁶ Cosponsored by the History of Science Society.

**Cosponsored by the Department of Mathematics & Statistics at Boston University.

Epistemic Injustice in Science

Friday, April 4, 2014 Center for Student Services 100 Bay State Road, Room 545

1-5 pm

Varieties of Testimonial Injustice

Miranda Fricker Philosophy, University of Sheffield

Epistemic Injustice and Responsible Trust in Science

Heidi Grasswick Philosophy, Middlebury College

Hermeneutical Injustice and Agnotology in Science

Miriam Solomon Philosophy, Temple University

Race, Gender and Neutral Science

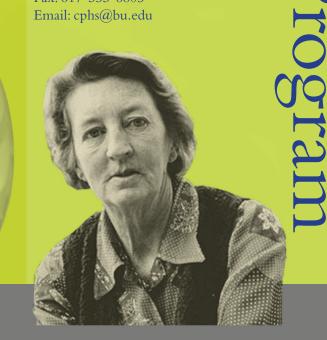
Evelynn Hammonds History of Science and African American Studies, Harvard University

For further information and updates, visit our website: **www.bu.edu/cphs**.

All lectures are free and open to the public. Selected proceedings of the colloquia are published by Springer in the series *Boston Studies in the Philosophy of Science*.

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