



Spontaneous Generations

CONTENTS

OPINIONS

- SAGE ROSS *We Cannot Allow a Wikipedia Gap!* 1
 JOSEPH AGASSI *On the Ethics of Medical Care Under Resource Constraints* 4

FOCUSED DISCUSSION

- BOAZ MILLER *Scientific Expertise: Epistemological Worries, Political Dilemmas* (Editor's Introduction) 13
 MICHAEL LYNCH *Expertise, Skepticism, and Cynicism: Lessons from science & technology studies* (invited) 17
 STEVE FULLER *Science Democratised = Expertise Decommissioned* (invited) 25
 STEPHEN TURNER *Political Epistemology, Experts, and the Aggregation of Knowledge* (invited) 36
 STEPHEN BOCKING *Wild or Farmed? Seeking Effective Science in a Controversial Environment* (invited) 48
 BEN ALMASSI *Experts, Evidence, and Epistemic Independence* 58
 AARON K. MARTIN and EDGAR A. WHITLEY *Managing Expectations of Technological Systems: A case study of a problematic government project* 67
 PALMIRA FONTES DA COSTA *Anatomical Expertise and the Hermaphroditic Body* 78
 JAMES HULL *The Expert Professor: C.R. Young and the Toronto Building Code* 86

ARTICLES

- JANET MARTIN-NIELSEN *An Engineer's View of an Ideal Society: The economic reforms of C.H. Douglas, 1916-1920* 95
 DEANNE VAN TOL *Mothers, Babies, and the Colonial State: The introduction of maternal and infant welfare services in Nigeria, 1925-1945* 110

REVIEWS

REVIEW ESSAYS

- BOAZ MILLER *What Trust in Science? Review of Trust in Science Workshop* 132
 HUW PRICE *Starving the Theological Cuckoo: Review of John Leslie. Infinite Minds: A Philosophical Cosmology* 136

BOOK REVIEWS

- Ruth Rogaski. *Hygienic Modernity: Meanings of health and disease in treaty-port China* rev. HOWARD HSUEH-HAO CHIANG 146
 Geoffrey C. Bowker. *Memory Practices in the Sciences* rev. SARA SCHARF 149
 Ann Oakley. *Experiments in Knowing: Gender and method in the social sciences* rev. STEPHEN WALLACE 151

Spontaneous Generations

EDITOR

BOAZ MILLER

Institute for the History and Philosophy of
Science and Technology

ASSOCIATE EDITORS

DELIA GAVRUS

Institute for the History and Philosophy of
Science and Technology

VIVIEN HAMILTON

Institute for the History and Philosophy of
Science and Technology

N. NIRVANA GEUVDJELIAN HERERRA

Institute for the History and Philosophy of
Science and Technology

ISAAC RECORD

Institute for the History and Philosophy of
Science and Technology

COPYEDITORS

AGNES BOLINSKA

TERI GEE

SEBASTIÁN GIL-RIAÑO

ANDREW MUNRO

MIKE THICKE

JAIPREET VIRDI

MASTHEAD DESIGN

MARTHA HARRIS

SYLVIA NICKERSON

*Our sincere thanks to our anonymous
reviewers.*

*Spontaneous Generations is
published annually by the
University of Toronto.*

Founded in 2006, *Spontaneous Generations* is an online academic journal published by graduate students at the Institute for the History and Philosophy of Science and Technology, University of Toronto. The journal aims to establish a platform for interdisciplinary discussion and debate about issues that concern the community of scholars in HPS and related fields. Apart from selecting peer reviewed articles, the journal encourages a direct dialogue among academics by means of short editorials and focused discussion papers which highlight central questions, new developments, and controversial matters affecting HPS.

We welcome submissions from scholars in all disciplines, including but not limited to HPS, STS, History, Philosophy, Women's Studies, Sociology, Anthropology, and Religious Studies.

The journal consists of four sections:

1. An editorial section that may include a commentary on or a response to current concerns, trends, and issues in HPS. Recommended length for submissions: up to 500 words.
2. A focused discussion section consisting of short peer-reviewed articles devoted to a particular theme. Recommended length for submissions: 1000-3000 words.
3. A peer-reviewed section of research papers on various topics in the field of HPS. Recommended length for submissions: 5000-8000 words.
4. A book review section for books published in the last 5 years. Recommended length for submissions: up to 1000 words.

There is no subscription or membership fee.

This journal provides immediate open access to its content on the principle that making research freely available to the public supports a greater global exchange of knowledge.

EDITORIAL OFFICES

Institute for the History and Philosophy of Science and Technology
Room 316, Victoria College, 91 Charles Street West, Toronto, Ontario, Canada M5S 1K7
hapsat.society@utoronto.ca

Published online at jps.library.utoronto.ca/index.php/SpontaneousGenerations
ISSN 1913 0465