

To Appear in Our Next Issue (March 2015)

Of Means and Ends: Mind and Brain Science
in the Twentieth Century

Guest edited by Stephen T. Casper

Stephen T. Casper		Introduction
Jason Miller	on	Dredging and Projecting the Depths of Personality: The Thematic Apperception Test and the Narratives of the Unconscious
Justin Garson	on	The Birth of 'Information' in the Brain: Edgar Adrian and the Vacuum Tube
Jeremy Blatter	on	Screening the Psychological Laboratory: Hugo Münsterberg, Psychotechnics, and the Politics of Applied Science
Stephen T. Casper and Rebecca Schilling	on	Of Psychometric Means: Starke R. Hathaway and the Popularization of the Minnesota Multiphasic Personality Inventory
Brian Casey	on	The Surgical Elimination of Violence? Conflicting Attitudes towards Technology and Science during the Psychosurgery Controversy of the 1970s
Andrew Scull	on	Contending Professions: Sciences of the Brain and Mind in the United States, 1900–2012
Roderick Buchanan		Epilogue

CAMBRIDGE

JOURNALS

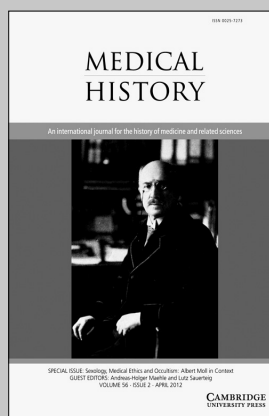
Medical History

An International Journal for the History of Medicine and Related Sciences

Editor

Sanjoy Bhattacharya, *University of York, UK*

Medical History is a refereed journal devoted to all aspects of the history of medicine, health and related sciences, with the goal of broadening and deepening the understanding of the field, in the widest sense, by historical studies of the highest quality. It is associated with the European Association for the History of Medicine and Health, the Asian Society for the History of Medicine, and the World Health Organization's Global Health Histories initiative. The membership of the Editorial Board reflects the commitment to the finest international standards in refereeing of submitted papers and the reviewing of books.



Medical History

is available online at:
<http://journals.cambridge.org/mdh>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500
Fax +1 (845) 353 4141
Email
subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070
Fax +44 (0)1223 325150
Email journals@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at

journals.cambridge.org/register

For free online content visit:
<http://journals.cambridge.org/mdh>



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

British Journal for the History of Science

Published for the British Society for the History of Science

Editor

Jon Agar, *University College London, UK*

This leading international journal publishes scholarly papers and review articles on all aspects of the history of science. History of science is interpreted widely to include medicine, technology and social studies of science.

BJHS papers make important and lively contributions to scholarship and the journal has been an essential library resource for more than thirty years. It is also used extensively by historians and scholars in related fields. A substantial book review section is a central feature. There are four issues a year, comprising an annual volume of over 600 pages.



British Journal for the History of Science

is available online at:
<http://journals.cambridge.org/bjh>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

Free email alerts

Keep up-to-date with new
material – sign up at

journals.cambridge.org/register

For free online content visit:
<http://journals.cambridge.org/bjh>



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

Arabic Sciences and Philosophy

A Historical Journal

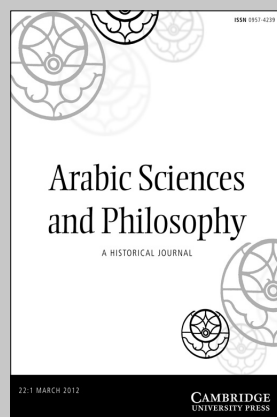
Executive Editor

Roshdi Rashed, *CNRS, Paris, France & University of Tokyo, Japan*

Managing Editor

Ahmed Hasnaoui, *CNRS, Paris, France*

Arabic Sciences and Philosophy (ASP) is an international journal devoted to the Arabic sciences, mathematics and philosophy in the world of Islam between the eighth and eighteenth centuries, in a cross-cultural context. In 2009, the journal extended its scope to include important papers on scientific modernization from the nineteenth century in the Islamic world. Together with original studies on the history of all these fields, *ASP* also offers work on the inter-relations between Arabic and Greek, Indian, Chinese, Latin, Byzantine, Syriac and Hebrew sciences and philosophy. Casting new light on the growth of these disciplines, as well as on the social and ideological context in which this growth took place, *ASP* is essential reading for those interested in these areas.



Arabic Sciences and Philosophy
is available online at:
<http://journals.cambridge.org/asp>

To subscribe contact Customer Services

in Cambridge:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

in New York:

Phone (845) 353 7500

Fax (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Free email alerts

Keep up-to-date with new
material – sign up at

journals.cambridge.org/register

For free online content visit:
<http://journals.cambridge.org/asp>



CAMBRIDGE
UNIVERSITY PRESS

CAMBRIDGE

JOURNALS

The Historical Journal

Editors

Andrew Preston, *University of Cambridge, UK*

Phil Withington, *University of Sheffield, UK*

Founded in 1958, *The Historical Journal* publishes on all aspects of history since 1500, providing a forum for younger scholars making a distinguished debut as well as publishing the work of historians with an international reputation. The journal publishes original research in full-length articles and shorter communications and major surveys of the field in historiographical reviews and review articles. Contributions are aimed both at specialists and non-specialists.



Historical Journal

is available online at:

<http://journals.cambridge.org/his>

To subscribe contact Customer Services

Americas:

Phone +1 (845) 353 7500

Fax +1 (845) 353 4141

Email

subscriptions_newyork@cambridge.org

Rest of world:

Phone +44 (0)1223 326070

Fax +44 (0)1223 325150

Email journals@cambridge.org

Free email alerts

Keep up-to-date with new material – sign up at

journals.cambridge.org/register

For free online content visit:
<http://journals.cambridge.org/his>



CAMBRIDGE
UNIVERSITY PRESS

INSTRUCTIONS FOR AUTHORS

Contributions of about 10,000 words should be submitted by email to the editorial office with a message that includes your name, telephone number, and email address. Submissions should be sent as an attachment in the format .doc or .docx to <sic@post.tau.ac.il>. The editors require that the article be introduced by a paragraph of about 150 words that presents its argument.

The journal follows the author-date reference system that is generally used in the social and natural sciences. 'Documentation 2 Author-Date Citations and Reference Lists' of the *Chicago Manual of Style* and a back issue of the journal should be used as guides. More detailed instructions for contributors and specific guidelines (e. g. for transliteration from Russian or Hebrew) are available from <http://journals.cambridge.org/action/displayJournal?jid=SIC>. Unusual alphabets, special characters, mathematical and chemical formulas, and all diacritical marks should be clearly indicated. Articles may be illustrated by a small number of figures in black and white, formatted in TIFF, with a minimum resolution of 300 dpi for halftones and 600 dpi for line drawings. For further information, contact the editorial office.

SUBSCRIPTIONS

Science in Context (ISSN 0269-8897) is published four times a year in March, June, September, and December. Four issues form a volume. The subscription price which includes electronic access and delivery by air where appropriate (but excluding VAT) of a volume 27 is £230 (US \$412 in USA, Canada, and Mexico) for institutions; £59 (US \$95) for individuals who order directly from the publisher and certify that the journal is for their personal use. The electronic only price available to institutional subscribers is £200 (US \$351 in USA, Canada, and Mexico). Single issues are £72 net (US \$130 in USA, Canada, and Mexico) plus postage. EU subscribers (outside the UK) who are not registered for VAT should add VAT at their country's rate. VAT registered members should provide their VAT registration number. Japanese prices for institutions (including ASP delivery) are available from Kinokuniya Company Ltd, PO Box 55, Chitose, Tokyo 156, Japan. Orders accompanied by payment may be sent to a bookseller, subscription agent, or directly to the publisher: Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB28RU, UK; or in the USA, Canada, and Mexico: Cambridge University Press, Journals Fulfillment Department, 100 Brook Hill Drive, West Nyack, New York, USA 10994-2133.

COPYING

This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923, USA. Organizations in the USA who are also registered with the CCC may, therefore copy material (beyond the limits permitted by sections 107 and 108 of US Copyright law) subject to payment to the CCC of the per copy fee of \$12.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0269-8897/2014 \$12.00. ISI Tear Sheet Service, 3501 Market Street, Philadelphia, PA 19104, USA, is authorized to supply single copies of a separate article for private use only. Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions. For all other use, permission should be sought from Cambridge or from the American Branch of Cambridge University Press.

This journal issue has been printed on FSC-certified paper and cover board. FSC is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests. Please see www.fsc.org for information.

Internet access: www.journals.cambridge.org/sic

Printed in the UK by Bell & Bain

SCIENCE IN CONTEXT

VOLUME 27 | NUMBER 4 | DECEMBER 2014



Topical Section: Models at Work – Models in Decision Making

Guest edited by Ekaterina Svetlova and Vanessa Dirksen

- Ekaterina Svetlova and Vanessa Dirksen:** Models at Work – Models in Decision Making 561
- Catharina Landström and Sarah J. Whatmore:** Virtually Expert: Modes of Environmental Computer Simulation Modeling 579
- Leon Wansleben:** Consistent Forecasting vs. Anchoring of Market Stories: Two Cultures of Modeling and Model Use in a Bank 605
- Ragna Zeiss and Stans van Egmond:** Dissolving Decision Making? Models and Their Roles in Decision-Making Processes and Policy at Large 631

Section of Miscellaneous Articles

- Andreas Blank:** Nicolaus Taurellus on Forms and Elements 659
- Kelly Kistner:** A Dictionary without Definitions: Romanticist Science in the Production and Presentation of the Grimm Brothers' German Dictionary, 1838–1863 683
- Liesbet de Kock:** Hermann von Helmholtz's Empirico-Transcendentalism Reconsidered: Construction and Constitution in Helmholtz's Psychology of the Object 709

Cover illustration: A page from the original manuscript of the *Deutsches Wörterbuch* by Jacob Grimm, Universitätsbibliothek Gießen.

Cambridge Journals Online
For further information about this journal
please go to the journal website at:
journals.cambridge.org/sic



MIX
Paper from
responsible sources
FSC® C007785

CAMBRIDGE
UNIVERSITY PRESS