

‘A SUBTLE AND MYSTERIOUS MACHINE’

STUDIES IN HISTORY AND PHILOSOPHY OF SCIENCE

VOLUME 18

General Editor:

S. GAUKROGER, *University of Sydney*

Editorial Advisory Board:

K. HUTCHISON, *University of Melbourne*

J. McCALMAN, *University of Melbourne*

D. MILLER, *University of New South Wales*

G. C. NERLICH, *University of Adelaide*

D. R. OLDROYD, *University of New South Wales*

E. RICHARDS, *University of Sydney*

J. SCHUSTER, *University of New South Wales*

R. YEO, *Griffith University*

The titles published in this series are listed at the end of this volume.

EMILY BOOTH

'A SUBTLE AND MYSTERIOUS MACHINE'

*The Medical World of
Walter Charleton (1619-1707)*

 Springer

A C.I.P. Catalogue record for this book is available from the Library of Congress.

ISBN-10 1-4020-3377-X (HB)
ISBN-10 1-4020-3378-8 (e-book)
ISBN-13 978-1-4020-3377-3 (HB)
ISBN-13 978-1-4020-3378-0 (e-book)

Published by Springer,
P.O. Box 17, 3300 AA Dordrecht, The Netherlands.

www.springeronline.com

Printed on acid-free paper

All Rights Reserved

© 2005 Springer

No part of this work may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, microfilming, recording or otherwise, without written permission from the Publisher, with the exception of any material supplied specifically for the purpose of being entered and executed on a computer system, for exclusive use by the purchaser of the work.

Printed in The Netherlands.

TABLE OF CONTENTS

	Acknowledgements	vii
I.	Introduction	1
II.	Rewriting Walter Charleton: Physick and Natural Philosophy	32
III.	‘The Alembic of our Pen’: Charleton’s Identity as a Physician	52
IV.	‘The Animal Oeconomy’: <i>Natural History</i> (1659) in the Context of English Physiology	81
V.	‘The Republick of Letters’: Charleton’s Identity in the Royal Society & College of Physicians	109
VI.	<i>Enquiries into Human Nature</i> (1680): Charleton’s Anatomy and Physiology after the Royal Society	137
VII.	<i>Three Anatomic Lectures</i> (1683): Ways of Knowing and the Anatomical Body	178
VIII.	Conclusions	216
	Annotated bibliography of the works of Walter Charleton	223
	Primary Sources	243
	Secondary Sources	254

ACKNOWLEDGEMENTS

I am grateful for the assistance of the Wellcome Institute for the History of Medicine, London, in the research toward this volume. Thanks also to Cathy Fowler at the Library of the Royal College of Physicians of London for her kind help.

This book would never have eventuated if it were not for the guidance (and endless patience) of Lotte Mulligan—a tireless reader, rigorous critic and true friend. My profound thanks to Inga Clendinnen for reminding me why it was all worth it. Thanks also to John Cashmere for his kindness and enthusiasm, and to the History Department at La Trobe University, the support of whom I have been lucky enough to enjoy.

I'm immensely grateful to Stephen Gaukroger and John Schuster, for their patient and detailed editorial suggestions. And to John Henry and Conal Condren, for their thoughtful insights into the work's strengths and weaknesses. Needless to say, all failings are my own.

I would long ago have faltered were it not for the wisdom, clarity and excellent company of Lisa MacKinney, Jo Wallwork and Marina Bollinger. All of them have helped me in ways more significant than they'll ever realise. My wonderful family has been a source of unquestioning support and love throughout this project, and I could not have finished this book were it not for them.

My most humble debt of gratitude is to Darren James, whose intelligence, love and humour are a continual inspiration, and whose effortless insights into Walter Charleton have never ceased to infuriate me. Thankyou.