The Department

Introduction

Welcome to another Annual Report. With many comings and goings, people on leave, new research grants, and maximum student numbers (again), it was another action-packed year in HPS.

During the early part of 2003, the Department concentrated on preparing for a General Board Standard Review, which is part of the University’s Quality Assurance measures. The Review Committee visited the Department on 8 May 2003 and met a cross-section of the Department. The overall impression gained was of ‘a cohesive community working in a creative and imaginative way to take the subject area forward. [The Committee] recognised that the Department had made a considerable impact on the development of the discipline of history and philosophy of science at an international level by fostering the research interests of its staff and allowing them to be reflected in a dynamic and open form of teaching.’ We are proud to say that our submission documents have been retained and will be used as ‘a model of good practice’ by other departments and faculties. We are very grateful to everyone who took part in the review, even though the graduate students came across as being so deliriously happy that they made the Review Committee a bit suspicious!

One of the most exciting things to happen in 2003 was that we were given permission from the University to take over the use of the Porter’s Lodge on the corner of Free School Lane, when it fell vacant. This will provide the Department with four offices, a small teaching room, a kitchen, a bathroom and a walled courtyard garden. We were absolutely thrilled with this result, as it will solve our immediate space needs. However, we are still in negotiations with the City Council Planning Office over the conditions of use for the space and, unfortunately, it is unlikely that we will be able to take up occupancy before the early part of 2004.

The year 2003 was the 50th anniversary of the proposal, by James Watson and Francis Crick, of the double helical structure of DNA and one of the many events marking the occasion, and attracting a lot of media interest, was an exhibition in the Whipple Museum, ‘Representations of the Double Helix’, curated by Soraya de Chadarevian and Harmke Kammainga. The exhibition follows the image of the double helix from its first appearances in scientific papers to its uses today as a cultural icon, and is on display until the end of the year.

We would like to take this opportunity to thank Nancy Buchdahl for the gift of a large collection of important books from the library of the late Gerd Buchdahl, together with manuscript materials relating to his work on Kantian topics. The cataloguing of this material has been completed, and the manuscripts and annotated volumes are kept together as a special collection and listed on the Whipple Library’s website and in Studies in History and Philosophy of Science 34A (2003), a special issue in memory of Gerd Buchdahl.

A final thank you goes to everyone who has contributed to this Annual Report, and hence to the lively atmosphere of the Department!
Staff and affiliates

**Administrative Staff**
Ms Tamara Hug  
Mr Steven Kruse  
Mr David Thompson

**Computing Staff**
Mr Mark Rogers

**Library Staff**
Mrs Sonia Hollins  
Ms Dawn Moutrey  
Dr Jill Whitelock

**Museum Staff**
Ms Corrina Bower  
Mrs Monica Elsey  
Mrs Elizabeth Hart  
Mr Boris Jardine  
Ms Lisa Newble

**Teaching Officers**
Prof John Forrester  
Dr Sarah Hodges  
Dr Nick Hopwood  
Prof Nick Jardine  
Dr Lauren Kassell  
Dr Martin Kusch  
Dr Tim Lewens  
Prof Peter Lipton  
Dr John McMillan  
Dr Simon Schaffer  
Dr Jim Secord  
Dr Liba Taub

**Affiliated Lecturers**
Dr Soraya de Chadarevian  
Dr Patricia Fara  
Dr Marina Frasca-Spada  
Dr Richard Jennings  
Dr Sachiko Kusukawa  
Dr Ilina Singh

Dr Deborah Thom  
Dr Frances Willmoth

**Research Fellows**
Dr Helen Blackman  
Dr Andrew Cunningham  
Dr Cathy Gere  
Dr Harmke Kamminga  
Dr Neil Manson  
Dr Richard Noakes  
Dr Jutta Schickore  
Dr Nick Wilding  
Dr Sarah Wilmot

**College Fellows**
Dr Jim Endersby  
Dr Anandi Hattiangadi  
Dr Annette Imhausen  
Dr Mary Leng  
Dr Sanjoy Mahajan  
Dr Adam Mosley  
Dr Michela Massimi  
Dr Sophie Page  
Dr Richard Serjeantson  
Dr Sujit Sivasundaram  
Dr Karin Tybjerg

**Affiliated Scholars**
Dr Jan Abram  
Dr Robert Anderson  
Dr Debby Banham  
Dr Andrew Barry  
Dr Robert Bud  
Prof Andrew Bowie  
Dr Michael Bravo  
Dr Nader El-Bizri  
Dr Janet Browne  
Dr Jeremy Butterfield  
Dr David Chart  
Dr Harry Collins  
Dr Serafina Cuomo

Dr Silvia De Renzi  
Dr Nick Dew  
Dr David Dewhirst  
Dr Thomas Dixon  
Dr Matthew Donald  
Dr Aileen Fyfe  
Dr Faye Getz  
Dr Jeremy Gray  
Dr Ole Grell  
Prof Mary Hesse  
Dr Dominick Jenkins  
Mr Peter Jones  
Prof Geoffrey Lloyd  
Mr Scott Mandelbrote  
Dr Joan Mason  
Prof Stephen Mason  
Dr James Moore  
Dr Onora O’Neill  
Prof Dorothy Porter  
Dr Lisbet Rausing  
Prof Michael Redhead  
Dr Katinka Ridderbos  
Prof Martin Rudwick  
Prof Colin A. Russell  
Dr Christine Salazar  
Dr Max Satche  
Dr Anne Secord  
Dr Richard Smith  
Dr Emma Spary  
Prof Paul Teller  
Dr Jon Topham  
Dr John van Wyhe  
Dr Andrew Wear  
Dr Paul White  
Dr Eli Zahar

**Supervisors**
Ms Gill Hudson  
Dr Chris Lewis  
Dr Sarah Pennell  
Mr Nick Tosh
Visitors and students

Visiting Scholars
Dr John Burnham
Dr Laura Chazaro
Dr Silvia Manzo
Dr Jaume Navarro
Prof Edmund Russell
Dr Bert Nederbragt
Prof Margaret Schabas

Visiting Students
Ms Sharrona Pearl
Ms Christina Rampelt

PhD students
Katherine Angel
Lorenzo Bernasconi
Michael Bresalier
Tatjana Buklijas
Victoria Carroll
Emir Chen
Ben Cockayne
Katrina Dean
Tamas Demeter
Kemal De Soysa
Jenny Downes
Katie Eagleton
Gregory Fried
Susan Gamble
Axel Gelfert
William Grundy
Ben Irvine
Stephen John
Jeff Kochan
John Latsis
Christina McLeish
Michael Michael
Helen Macdonald
Anna Mayer
Ayesha Nathoo

Arash Pessian
Meredith Price
Sadiah Qureshi
Robert Ralley
Jason Rampelt
Torben Rees
Ayako Sakurai
Mark Sprevak

MPhil students
Charlie Anson
Adam Braddock
Angela Breitenbach
Stefan Brenner
Edwina Casebow
Nate Foster
Paul Kalanithi
Natalie Kaoukji
Amir Karbasi
Constantina
Kapatanyannis
Vera Keller
Sarah Palestrant
Francis Reid
Anthony Rodriguez
Jeff Skopek
Koen Vermeir

NST Part II students
Isabelle Adams
Josephine Armstrong
Charlotte Bathe
Andrea Binfor
James Bryce
Becky Burton
Doug Cannie
Tom Chacko
Ben Coghill
Rod Cooke

Sarah Davis
Jessica Eccles
Lauren Ellery
Felicity Fitzgerald
Frances Gardiner
Michelle Gowans
Matthew Harding
Nick Hodsdon
Ruth Horry
Jill Howard
Jenny Jopson
Katy Joubert
Melanie Keene
Tom Kerswill
Ben Koppelman
Georgia Ladbury
Ros Lawley
Joe Mayhew
Chris Morton
Alex Mulligan
Lizzy O’Hara
Menka Parekh
Nick Rabey
Cat Riddell
Leon Rocha
Yali Sassoon
Adam Schaffer
Andy Souyave
Adam Toon
Ali Tse
Sam Warshaw
Clementine Webb
Caroline Westerlund
Katie de Wit

MVST Part II students
Janis Ferns
Aneil Malhotra
Charlotte Mance
Comings and goings

**Jon Agar** starts a three-year Temporary Lectureship in History of Modern Science in October 2003, covering for Jim Secord who will be on leave for three years.

**Corrina Bower**, the Museum’s Project Technician, left in December 2002 to become the Curatorial Officer at the Denny Abbey Farmland Museum near Cambridge.

**Sarah Hodges** completed her two-year Temporary Lectureship in History of Modern Medicine and Biology in August 2003. She has taken up a post in the Department of History at the University of Warwick.

**Ruth Horry** joined us in September 2003, working as a technician in the Museum on the *re:*source-funded ‘Welcome to the Whipple’ project.

**Boris Jardine** left his position as technician in the Whipple Museum in September 2003, to go to university in Leeds to study HPS. Boris played a major part in the Museum’s *re:*source-funded ‘Welcome to the Whipple’ project and although we miss his creative influence and happy, outgoing personality, we wish him well in Leeds and hope he returns to help out in the holidays.

**Eleanor Robson** joins us in January 2004 as a University Lecturer specialising in Babylonian Mathematics.
Roles and responsibilities

Departmental positions

Head of Department and Chairman of the HPS Board: Peter Lipton (Mich 02)
Secretary of the Board: John Forrester (Mich 02), Tamara Hug (from Jan 03)
Director of Graduate Studies: Nick Jardine
Secretary of the Degree Committee: Tamara Hug
MPhil Manager: Lauren Kassell (Mich 02), Nick Jardine (from Jan 03)
BA Manager: Jim Secord

HPS Board and Degree Committee

Professors and Readers: Peter Lipton (on leave from Jan 03), John Forrester, Nick Jardine, Martin Kusch, Simon Schaffer, Jim Secord
Curator and Director of the Whipple Museum: Liba Taub
Whipple Librarian: Jill Whitelock
Departmental Secretary: Tamara Hug
General Board Members: Michael Akam, Richard Drayton
Co-options: Lauren Kassell, Neil Manson, Soraya de Chadarevian, Eric Olsson, John McMillan
Elected Senior Members: Marina Frasca-Spada, Sarah Hodges, Scott Mandelbrote
Elected Junior Members: Arash Pessian (Graduate); Jill Howard, Mike Collins
(Undergraduates)

Philosophy Faculty Board

HPS Representative: John McMillan/Marina Frasca-Spada

Examiners

NST Part IB
Senior Examiner: Dr Simon Schaffer
Examiners: Prof Jim Secord, Dr Richard Jennings, Dr Sujit Sivasundaram, Dr Tim Lewens, Dr Neil Manson
External Examiner: Dr Hasok Chang (Imperial College, London)

NST Part II
Senior Examiner: Dr Martin Kusch
Examiners: Prof Nick Jardine, Dr Marina Frasca Spada, Dr Richard Noakes, Dr Jim Secord, Dr Adam Mosley, Dr Sarah Hodges
External Examiner: Dr Stephen Pumfrey (University of Lancaster)

MPhil
Senior Examiner: Prof Nick Jardine
External Examiner: Prof Geoffrey Cantor (University of Leeds)
Prizes, projects and honours

Student prizes

The Latin Therapy Group was awarded the Sixth Waterman Prize for the booklet and case study Instruments of Translation. The Waterman Prize is awarded annually for an outstanding contribution to the understanding and use of the Whipple Collection.

Angela Breitenbach was awarded the Sixth Annual Jennifer Redhead Prize for the best performance in the MPhil essays.

Melanie Keene was awarded the 2003 Bronowski Prize for the best performance in the HPS Part II course.

Other prizes

Jim Secord’s book Victorian Sensation won the History of Science Society’s 2002 Pfizer Prize.

New research projects

Jim Secord has been awarded a three-year Leverhulme Trust Major Research Fellowship, starting in October 2003, to write a book on science in the illustrated newspaper press during the nineteenth century.

Sarah Wilmot starts a project titled ‘From public service to artificial insemination: animal breeding science in Britain c.1890-1951’ in October 2003, funded by a three-year research grant from the Economic and Social Science Research Council.

Honours

Joan Mason was awarded the MBE on 8 July 2003 for services to women in science, as founding chair of the Association for Women in Science and Engineering (AWiSE).
Seminars and special lectures

Rausing Lecture

Professor David Edgerton of Imperial College, London gave the Eighth Annual Hans Rausing Lecture in the History of Technology and Industry on 22 May 2003. The title of the lecture was ‘Putting the military back in: warfare states, technology and science in the twentieth century’.

Special seminars

Professor Steven Shapin of the University of California, San Diego gave a special seminar – ‘Aristotle and the industries: the scientist and the organization in twentieth-century America’ – on 30 June 2003.

Professor Kim Sterelny of the Australian National University and Victoria University of Wellington gave a special seminar – ‘Memes revisited’ – on 7 July 2003. This seminar was presented jointly with the Department of Experimental Psychology.

Seminar series

Departmental Seminar in History and Philosophy of Science (organised by Simon Schaffer) was held in Michaelmas, Lent and Easter terms.

History of Modern Medicine and Biology Seminar (organised by Soraya de Chadarevian and Sarah Hodges) took place fortnightly in Michaelmas and Lent terms.

Early Medicine and Natural Philosophy Seminar (organised by Lauren Kassell) ran fortnightly in Michaelmas and Lent terms.

Psychoanalysis and the Humanities Seminar (organised by Mary Jacobus and David Hillman) was held fortnightly in Michaelmas, Lent and Easter terms.

Psy Studies Seminar – History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences (organised by John Forrester and Deborah Thom) ran fortnightly in Michaelmas and Lent terms.

Cabinet of Natural History (organised by Sujit Sivasundaram) took place weekly in Michaelmas, Lent and Easter terms.

Research Methods Seminars (organised by Marina Frasca-Spada and Nick Jardine) were held on the first two weeks of Michaelmas term.

Reading groups and workshops

Epistemology Reading Group (organised by Peter Lipton) ran weekly in Michaelmas, Lent and Easter terms.

Gender and Science Reading Group (organised by Sarah Hodges) was held fortnightly in Michaelmas term.

Environmental History Reading Group (organised by Ed Russell) met fortnightly in Lent and Easter terms.
History of Science Workshop (organised by Jenny Downes and Katherine Angel) took place fortnightly in Michaelmas, Lent and Easter terms.

Philosophy Workshop (organised by Tim Lewens) took place fortnightly in Michaelmas, Lent and Easter terms.

Science and Literature Reading Group (organised by Jim Endersby) met fortnightly in Michaelmas, Lent and Easter terms.

Medieval Science and Philosophy Reading Group (organised by David Chart) ran weekly in Michaelmas, Lent and Easter terms.

Science and the Visual Reading Group (organised by Michael Bresalier, Tatjana Buklijas and Ayako Sakurai) met fortnightly in Michaelmas, Lent and Easter terms.

EPACTS – the Early Physics, Astronomy, Cosmology and Technology Seminar (organised by Adam Mosley) was held fortnightly in Michaelmas, Lent and Easter terms.

Philosophy of Language Reading Group (organised by Mark Sprevak, Axel Gelfert and Christina McLeish) met weekly in Michaelmas, Lent and Easter terms.

Latin Therapy Group (organised by Jenny Downes and Nick Jardine) met weekly in Michaelmas, Lent and Easter terms.
Students

Student statistics

Student numbers

Undergraduates
NST Part II .......... 44
MVST Part II......... 3
NST Part IB ....... 113

Graduates
MPhil.................. 16
PhD..................... 33

Examination results

NST Part II
1....................... 10 (23%)
2i..................... 32 (73%)
2ii..................... 2 (4%)
3...................... 0
Fail.................... 0

MVST Part II
1....................... 0
2i..................... 3 (100%)
2ii..................... 0
3...................... 0
Fail.................... 0

NST Part IB
1....................... 10 (9%)
2i..................... 57 (50%)
2ii..................... 43 (38%)
3...................... 3 (3%)
Fail.................... 0

Graduate degrees awarded

MPhil degrees awarded.................. 15
PhD degrees awarded.................. 1
Part II dissertation titles

A social theory of knowledge: mathematics naturalised
A study of the Lusuerg instruments in the Whipple Museum
An investigation into the New Riddle of Induction
Attitudes to ‘Greek Fire’ as a technological feature of Byzantine claims to superiority
Baconian ideal and personal role in the early Royal Society
Berkeley’s approach to the veil of perception
British medical women in Colonial India
Butler on Darwin: reductio ad absurdium?
Chemical Patents in the 1800s: science versus invention
Chinese and Western medicine in Tokugawa, Japan
Constructing environmental risk: radionuclide emissions from the Sellafield effluent pipe
Darwin, Tegetmeier and the bees
Diogenes Laertius: the man behind the text
Diversification of the uses of aspirin
‘Enlightened men and amiable women’: the attitudes of the Lunar Society towards women
Eugenic ideas in the pre-WWI works of HG Wells and George Bernard Shaw
Eugenics to human genetics?
Genetics and eugenics in the early 20th century in Britain
Hildegarde of Bingen’s construction of the female body
How and why did perceptions of melancholic conditions change in the late 17th and early 18th centuries?
How and why did there come to be several hysterical therapies by the early 20th century?
John Mill’s ‘The Fossil Spirit; A Boy’s Dream of Geology’
John Tyndall and his audiences in mid-Victorian Britain
Justifying induction
Leprosy in 19th century colonial India
Lionel Penrose and eugenics
Medical almanacs in early modern period
Music and medicine in the Renaissance
Possible worlds in the philosophy of science
Postmodernity and the reception of traditional Chinese medicine in the West
Quadd v. Grue
Reason and revelation in Gersonides’ ‘Wars of the Lord’
Sanctioned parenthood: is adoption the same as the use of reproductive technologies?
Sexual health in apartheid South Africa
Sherburne’s library and its relation to his history of astronomers
Something fishy: hunger, technology and the Third World protein crisis (1930-1975)
Teaching teenagers about DNA: the history of the Mini Molymod
The construction of the dietary theory of heart disease
The epistemology of testimony
The later 17th century search for a universal language: Wilkins and Bulwer
The mind of the frontispiece: meaning, myth and motivation in Serburne’s ‘Manilius’
The origin of ideas of space and time in Hume’s Treatise
The reasons for the reception of Arabic alchemy by Christian Western Europe in the 12th and 13th centuries
The story of argon and the concept of discovery
The trail of the human serpent: can pragmatism tell us the truth about Truth?
War against disease: national health care and biomedical research post-WWII
Winners and losers: Mpemba effect and polywater
Part II primary sources
essay titles

The American Medical Association's 1847 Code of Ethics (Appendices D&E)

A comparative study of the AMA’s Code of Medical Ethics of 1847 and the AMA’s Principles of Medical Ethics of 1903

Is the original AMA Code of Ethics a code of ethics?
The good patient: is there a case for the codification of lay obligations in physician-patient relationships as found in the 1847 AMA Code of Ethics?

The miraculous revival of Anne Green, as described in two pamphlets from 1651

‘Behold God’s providence’: a physician’s case notes in a wonder pamphlet
Anne Greene: a story of medicine
Anonymity and credibility in the case of ‘Newes from the Dead’
Creating credibility in cheap print: how ‘Newes from the Dead’ functions as an anti-wonder pamphlet
Gender and infanticide in the case of Anne Greene
Inside the mind of a hero: the role of William Petty in the resurrection of Anne Greene
Medicine and the miraculous in the revival of Anne Greene
‘Newes from the Dead’: women, authority and medicine in the 17th century
Providence, miracles and William Petty in ‘Newes from the Dead’
Telling stories: providence versus medicine in the tale of Anne Greene
Telling the truth: ‘Newes from the Dead’ and the wonder pamphlet genre
Wonder and anti-wonder in ‘Newes from the Dead’

Charles Darwin, On the Origin of Species (1859 edition)

Darwin’s ambiguity: God in the ‘Origin’
Darwin’s diagram: reworking the tree of life
Darwin’s self-presentation in ‘On the Origin of Species’
Interpretations
Judging a book by its cover
Kropotkin and the struggle for existence
Natural law and anthropocentric interpretations in the ‘Origin of the Species’
‘On the Origin of Species’: the uses of the introduction
Owen and the Origin
Public and private suffering in the ‘Origin’

Sigmund Freud, ‘The Psychogenesis of a Case of Female Homosexuality’ (1920)

Are Freud’s tactics fair? An analysis of the rhetorical nature of the introduction to Freud’s ‘The Psychogenesis of a Case of Homosexuality in a Woman’
How does Freud demonstrate that the question of whether his patient’s homosexuality is ‘congenital or acquired (later developed)’ is ‘inapposite’?
‘...Much less glaring...’: Freud on homosexuality in women
Return to Freud: psychogenesis of a case of homosexuality in a woman
The patient-analyst relationship in psychoanalysis as exemplified by ‘The Psychogenesis of a Case of Homosexuality in a Woman’
‘The Psychogenesis of a Case of Homosexuality in a Woman’: techniques of persuasion

David Hume, ‘Of Miracles’ in Enquiry Concerning Human Understanding (1748)

David Hume’s ‘Of Miracles’: an apparent inconsistency regarding the status of our knowledge of the uniformity of nature
David Hume’s persuasive strategies in ‘Of Miracles’
Hume and the Indian Prince – the distinction between the miraculous and the marvellous
Hume and the miracle of faith
Hume on testimony of miraculous events: I can believe in miracles as otherwise I couldn’t believe in unicorns
Hume’s philosophy of religion and ‘Of Miracles’
Kierkegaard’s ‘Absolute Paradox’: Hume’s ‘Of Miracles’ as an open text
Laws of nature in Hume’s ‘Of Miracles’
‘Of Miracles’: did Hume regard inductive knowledge as possible?
The contemporary response to Hume’s ‘Of Miracles’
The new riddle of miracles
What does David Hume’s ‘Of Miracles’ reveal about the role of authority in establishing our beliefs?
Wisdom, volition and belief

Saul A. Kripke, Wittgenstein on Rules and Private Language, Chapter 2

A new model of meaning
A perspectivist solution for Kripke’s ‘mistake objection’ to dispositionalism
Are you in or are you out? Bloor and beyond as a solution to Kripke’s problem of meaning
Concept scepticism
Doubting in context: a possible reply to Kripke’s ‘Wittgenstein’
Invoking intention – a response to Kripkenstein’s sceptical paradox
Kripke on the Wittgenstein paradox: the criteria response
Kripke, reliabilism and knowing what we mean
Kripke’s Wittgenstein: is there a fact, somewhere outside the brain, as to what we mean?
Solving the Wittgensteinian paradox: a realist conception of dispositionality?
Style is substance: comparing the styles of Kripke’s ‘Wittgenstein on Rules and Private Language’ and
Wittgenstein’s ‘Philosophical Investigations’
The use of strong normativity in Kripke’s ‘Sceptical Challenge’
Why Bloor’s sociological approach to meaning is not a straight solution to Kripke’s sceptical challenge

William Paley, Natural Theology, Chapters 1-6

Contextualising Paley’s ‘Natural Theology’
Does viewing Paley’s piece ‘Natural Theology’ as an inference to the best explanation rather than an argument
from analogy help avoid its criticisms?
Does William Paley provide a good explanation in his ‘Natural Theology’?
Paley refuted in his own time? Contemporary reviews of ‘Natural Theology’
Paley refuted: absurdity and analogy in an atheist’s response to Paley’s ‘Natural Theology’
Paley, Behe and the design argument
Paley: plagiarist or textbook writer?
Paley’s design argument as an inference to the best explanation
William Paley: no escape from analogy?

Claudius Ptolemy, The Almagest, Book 1, Chapters 1-9

A comparison of the Preface of Ptolemy’s ‘Almagest’ with that of Copernicus’ ‘De Revolutionibus’
Blurring the boundaries: Ptolemy’s treatment of the celestial-terrestrial divide in the preface to the ‘Almagest’
Proof and persuasion in Ptolemy’s ‘Almagest/Syntax’ (Chapters 1-9)
Ptolemy’s ‘Almagest’: the mathematical, the heavenly and the divine
Ptolemy’s mathematical astronomy: connecting the theoretical with the practical
Ptolemy’s use of mathematics to study the divine
Regularity in Ptolemy’s cosmos – what is Ptolemy’s conception of uniformity in the heavens and how does he
mobilise it?
Uses of Aristotelian natural motion in challenging the immobility of the earth
What do Chapters 1-9 of Book 1 of the ‘Almagest’ indicate about Ptolemy’s conception of enquiry into nature?
What uses did Ptolemy ascribe to astronomy with regards to astrology?

Tyndall, Crookes and Wallace on spiritualism and science (1864-1874)

Compare the conceptions of the scientific enterprise held by Crookes, Tyndall and Wallace that are revealed by the
three articles: ‘Spiritualism Viewed by the Light of Modern Science’, ‘Science and the “Spirits”’, and ‘A
Defence of Modern Spiritualism’
Debates on science and spiritualism in mid-Victorian Britain
‘Spiritualism viewed by the light of modern science’? Seeing as believing at the Victorian séance
‘The public has learned... that “men of science” are not exempt as a body from the astounding credulity which prevails in this country’. Was spiritualism contradictory to being a ‘man of science’ in Victorian Britain?


Gesell as translator: science, empire and the problem of evidence
‘It is the intimate architecture of the home which ceaselessly impinges on the growing child’: Gesell’s portrayal of his child developmental philosophy through the spaces in ‘Wolf Child and Human Child’

Kamala as particular and general: comparing Singh and Gesell
Missing Mrs Singh
Singh, the history of anthropology and the question of ethnography
The paradoxical nature of studies into feral children
The ‘Wolf-Children of Midnapore’: autistic before their time?
To what degree were contemporary reviewers' concerns and criticisms of ‘Wolf Child, Human Child’ justified?
What does Gessel’s ‘Wolf Child and Human Child’ tell us about human nature?
Wolf child and human child: Gesell as amateur
MPhil essay and dissertation titles

Charlie Anson

Essays
Do feminist epistemologists succeed in accounting for the rise of such ideals as realism and objectivity in early modern theories of knowledge, in terms of male gender ideology? (supervised by Cathy Gere)
Rhetorical strategies and the reality of Eozoon Canadense (supervised by Jim Secord)
Should historians focus on scientific rhetoric? An analysis of the current historiographical debate (supervised by Nick Jardine)

Dissertation
Defining the scientific journal in late Victorian Britain (supervised by Jim Secord)

Adam Braddock

Essays
Teleological functionalism and the absent qualia argument (supervised by Peter Lipton)
The Nuremberg Code and the history of patient autonomy and informed consent in American clinical medicine (supervised by Cathy Gere)
Causing people to exist and the non-identity problem (supervised by John McMillan)

Dissertation
Euthanasia, physician-assisted suicide and ethics (supervised by Tim Lewens)

Angela Breitenbach

Essays
Individual action and environmental damage (supervised by Onora O’Neill)
Langton on things in themselves: a critique of ‘Kantian Humility’ (supervised by Nick Jardine)
Nonsense and mysticism in Wittgenstein’s ‘Tractatus’ (supervised by Martin Kusch)

Dissertation
Kant’s notion of property and its significance for environmental philosophy (supervised by Onora O’Neill)

Stefan Brenner

Essays
Epistemology naturalised: after Quine (supervised by Peter Lipton)
Darwin’s atheism (supervised by Jim Secord)
Representationalism and colour: a review of the central themes of Michael Tye’s ‘Consciousness, Colour and Content’ (supervised by Martin Kusch)

Dissertation
Colour: between the mind and the world (supervised by Martin Kusch)

Edwina Casebow

Essays
Is genetic enhancement unjust? (supervised by Onora O’Neill)
Sexuality in the general practitioner’s consulting room: perceptions of the mind on disease in the 1950s (supervised by John Forrester)
‘Legal Medicine’ in the ‘Encyclopedie’: questions of competence in the conflict between physicians and surgeons (supervised by Silvia de Renzi)

Dissertation
The question of infertility in twentieth-century Britain (supervised by John Forrester)
Nate Foster

Essays
Normativity and naturalism in mathematics (supervised by Peter Lipton)
Partially descriptive names: a Millian critique (supervised by Martin Kusch)
Causes of autism (supervised by John Forrester)

Dissertation
Indexicals (supervised by Martin Kusch)

Paul Kalanithi

Essays
The physiological and the psychological in the late Wittgenstein’s philosophy of psychology (supervised by Martin Kusch)
Golgi, Sherrington and the neuron doctrine: the interplay between neuroanatomy and neurophysiology (supervised by John Forrester)
Ian Hacking and child abuse (supervised by John Forrester)

Dissertation
Comparing the British and American governments’ reports on cloning (supervised by Martin Kusch)

Natalie Kaoukji

Essays
The role of analogy in Francis Bacon’s natural philosophy (supervised by Richard Serjeantson)
Literary technologies of the hunt: John Wilkins’ ‘Discovery of a New World’ and Robert Burton’s ‘Digression of Air’ (supervised by Simon Schaffer)
Gilbert Simondon’s philosophy of technology (supervised by Martin Kusch)

Dissertation
John Wilkins' mathematical magic (supervised by Simon Schaffer)

Constantina Kapetanyannis

Essays
Dreyfus on artificial intelligence (supervised by Peter Lipton)
Embodying the abstract: mathematical models in Cambridge (supervised by Liba Taub)
Carl Elliott on ‘cosmetic psychopharmacology’ (supervised by Ilina Singh)

Dissertation
Mathematical models (late 19th - 20th century) (supervised by Liba Taub)

Amir Karbasi

Essays
Pluralistic interpretation of probability (supervised by Peter Lipton)
The weakness of Strong Programme (supervised by Martin Kusch)
Avicenna on being and existence and essence (supervised by Basim Musallam)

Dissertation
The causation debate in Islamic philosophy (supervised by Basim Musallam)

Sarah Palestrant

Essays
Witchcraft, medicine and hysteria in Early Modern England (supervised by Lauren Kassell)
Organotherapy and sex chemistry in the late nineteenth century: Brown-Sequard’s ‘Elixir of Life’ (supervised by Helen Blackman)
The bioethics of transplantation (supervised by John McMillan)

Dissertation
Feminine hygiene history: the invention of the tampon (supervised by Sarah Hodges)
Francis Reid

**Essays**
Isaac Frost’s ‘Two Systems of Astronomy’ (1846) (supervised by Jim Secord)
William Wales (c.1734-1798): playing the astronomer (supervised by Simon Schaffer)
Actor network theory and the history of technology (supervised by Simon Schaffer)

**Dissertation**
The introduction of a new technology: railways in early Victorian Britain (supervised by Jim Secord)

Anthony Rodriguez

**Essays**
The Orrery, 1766: science in the paintings of Joseph Wright of Derby (supervised by Patricia Fara)
Florence Nightingale and the battle for sanitation in India (supervised by Sarah Hodges)
Museum No. 1 Kew, past and present (supervised by Jim Endersby)

**Dissertation**
Quacks and Quakers: historical and philosophical perspectives on the York retreat (supervised by John Forrester)

Jeff Skopek

**Essays**
Developmental stability and biology: the possibility and significance of non-mental goal-oriented systems
(supervised by Tim Lewens)
Principles of genetics: disciplining Mendel’s laws, genetics’ history and its founding father
(supervised by Soraya de Chadarevian)
Victorian vivisection: negotiating moral jurisdiction (supervised by Paul White)

**Dissertation**
Rethinking prescriptive bioethics: creating a place for the descriptive (supervised by Martin Kusch)

Koen Vermeir

**Essays**
A historiography of the Yates thesis (supervised by Lauren Kassell)
The magic of the magic lantern (1660-1700) (supervised by Simon Schaffer)
Continuity and discontinuity in the sciences (supervised by Nick Jardine)

**Dissertation**
Two case-studies on divining, magic and the powers of the imagination (1685-1710)
(supervised by Lauren Kassell)
PhD theses

Awarded

Anna-Katherina Mayer
‘Roots of the history of science in Britain, 1916-1950’
(supervised by Simon Schaffer)

Submitted

Gregory Fried
‘What theory cannot capture: Freud and four philosophers on humour’
(supervised by John Forrester)

Susan Gamble
‘The hologram and its antecedents, 1891-1965: the illusory history of a three-dimensional illusion’
(supervised by Simon Schaffer)
Transferable skills

The Department of History and Philosophy of Science, in consultation with the Colleges, has identified the ways in which undergraduates can acquire and develop certain skills and attributes throughout their University career. As well as enhancing academic performance, these skills can be used beyond University, and are sought after by employers. Students are encouraged to make use of the opportunities afforded to them to develop these attributes, which will stand them in good stead in later life.

Intellectual skills

(reading, articulating an argument, critical analysis, problem-solving, choosing topics for coursework, mastering of unfamiliar fields)

**University**
- Lectures
- Seminars
- Discussion groups and classes
- Examinations

**College**
- Advice from Director of Studies
- Supervisions (discussion, reasoning, argument, problem-solving, reading and critical analysis)

Communication skills

(literacy, articulating an argument, oral presentation, non-verbal presentation)

**University**
- **Written:**
  - Dissertation
  - Essays
  - Extended essays on primary sources
- **Oral:**
  - Presentations at seminars, study groups and classes
  - Debating
- **Non-verbal:**
  - Use of visual material
  - Setting up of case-studies of objects in the Whipple Museum

**College**
- Meetings with Director of Studies and peers, supervisions (interaction with peers through discussion, argument, persuasion; remedial training in reading and writing for science undergraduates, how to organise an exam or a supervision essay or a more extended piece of work)
- Other activities (College committees, societies, involvement in JCR and MCR)

Organisational skills

**University**
- Balancing workload and extracurricular activities; meeting deadlines
- Organisation of and participation in reading groups and seminars
- Involvement in national societies
- Preparation and management of the course assessment questionnaire
- Organisation of Departmental social events
- Management of Students’ Coffee Room
- Managing workload for exams and for coursework

**College**
- Balancing workload and extracurricular activities; meeting deadlines
- Organisation of events (entertainment, lectures, society events)
- Managing workload for exams and for coursework
Interpersonal skills

University
Small and tightly knit Departmental community enhances ability to interact with a wide range of people with varied interests, and encourages intellectual and human flexibility
Discussion seminars and classes
Participation in the Monitoring Committee
Taking part in Students’ Coffee Room conversation
Possibility of voluntary work in the departmental office, the Library and Whipple Museum

College
Small College community enhances ability to interact comfortably with a wide range of people/cultures/disciplines, and encourages flexibility and adaptability
Taking part in College politics or a management role in societies
Taking part in College sporting activities
Experience in supporting friends through personal crises, bereavement, illness, disablement, psychological stress etc.

Research skills

University
Use of University Library
Use of Departmental Library
Use of Museum Records
Use of local and national archival resources
On-going scholarly training: footnoting, preparation of bibliographies and reference lists, translation
Research methods seminars and website
Interviewing
Text, image and object analysis

College
Advice from Director of Studies
Exchange of advice and ‘tips’ with other students in the same or similar subjects
Use of College libraries and research facilities

Computer literacy

University
Use of CD-ROMs, on-line resources and databases in the Library and in the Museum
Use of Departmental computer facilities for web and e-mail
University Computing Service courses, leaflets, publications
Occasional University Library classes on use of on-line databases

College
Use of College computing facilities

Foreign language skills

University
Ancient Greek and Latin classes for non-classicists
German classes from the Pressland Fund (for Natural Sciences students)
Translation for coursework
Language Centre, Diploma/Certificate in Modern Languages

College
Language clubs/societies
Conversation exchange
The Library

Annual report of the Whipple Library

Introduction

The Whipple Library enjoyed another busy and productive year. Sonia Hollins retired from the post of Library Assistant in September 2002, but continues to work part-time in the Library covering the lunch hour and the busy period at the end of the day. Dawn Moutrey has taken over as Library Assistant. Dawn previously worked in the Departmental Office, as well as providing additional support in the Library.

Use of the Library has increased again, with a total of 1144 registered users compared with 999 in 2001-2002, and 14,168 items loaned compared with 13,466 last year.

As part of its ongoing programme of visits, the General Board’s Committee on Libraries visited the Whipple on 28 February 2003 for a brief meeting and tour of facilities.

Electronic developments

The University Library continued to work on upgrades to the Voyager library management system and Newton catalogue. A new version of the software was installed in April 2003, enabling the self-issue computer in the Whipple to be brought back into use. The new system has also enabled more precise statistics to be collected on the Library’s readers, stock, and circulation of books.

New acquisitions

New subscriptions were taken out for the following journals: Earth sciences history, Endeavour, Hastings Center report, Journal of medical ethics (with Medical humanities), and SCIAMVS: sources and commentaries in exact sciences.

The Library has received several donations throughout the year and is grateful for all these gifts. These included 39 items transferred from the Department of Applied Mathematics and Theoretical Physics Library in December 2002, mainly dating from the late 19th and early 20th century, and greatly enhancing the Library’s holdings in this area. Volumes of the Report of the British Association for the Advancement of Science for 1894, and 1901-1938, were transferred from the Balfour Library, Department of Zoology, completing our set.
The Whipple continued to benefit from the support offered by Cambridge University Press to all College and University libraries, with an increased amount of £2578 credited to us for the purchase of Press titles.

Several important additions to the special collections were made, including:

Two notebooks, compiled by C.E. Cooper, Caius College. Undated, but c. 1890-1900, covering both invertebrate and vertebrate zoology at undergraduate level.

Cabanis, P.J.G. *Sketch of the revolutions of medical science, and views relating to its reform.* London, 1806.

Coates, James, ed. *The phrenological annual and register of phrenological practitioners for 1891.* London, 1891.


*The rules and constitutions for governing and managing the Maiden-Hospital: founded by the Company of Merchants, and Mary Erskine, in anno 1695.* Edinburgh, 1731.


A number of titles have also been added to the Library’s collection of works by the Rev. J.G. Wood, which continues to attract a number of enquiries.

**Rare book collection**

The Library was successful in its bid for an additional £500 for conservation from the HOST Project (The History of Science and Technology, 1801-1914: A Collaborative Retrospective Conversion and Conservation Programme).

The Museum’s Reserve Gallery, which includes two cases displaying books from the Library, opened to the public in February 2003. A virtual version of the display was also mounted on the Library’s webpages. The Gallery has proved a popular location with staff in the Department for
teaching based around both books and objects. An item promoting the Gallery was included in the Cambridge University Libraries Information Bulletin.

Cataloguing of the books from the library of Gerd Buchdahl was completed in the summer of 2003. 631 items were added to the Library, including 202 works by and relating to Immanuel Kant, many of which are heavily annotated. Also of note are books formerly owned by G.E. Moore and Ernst Mach, some with annotations. As well as general works on philosophy and the history and philosophy of science, the collection also includes a number of books on logic and the history and philosophy of physics. With the help of Nick Jardine, the manuscripts in the collection of unpublished works, and documents relating to the early history of the Department have been sorted, listed, and archived in acid-free boxes. Further information, including a list of the manuscripts, is available on the Library’s webpages.

Special projects

The collection was weeded of a number of duplicate copies of books, providing additional shelf space in both the main Library and the Store. In total, 518 items were withdrawn from the Library, 200 of which were transferred to other Cambridge libraries.

Cataloguing of the Library’s collection of PhD theses was completed this year. Full bibliographic records, with subject headings, are now available for all the Departmental and other theses held in the Librarian’s Office.

Both the Librarian and the Library Assistant attended the University’s Disability Resource Centre seminar on ‘Making Libraries Accessible’, and have revised all user information and printed guides in the light of what was learnt.

Publications


This year at the Whipple has been a very busy and exciting time, with many memorable events including a visit by the Chancellor of the University, the opening of the ‘Representations of the Double Helix’ exhibition and co-hosting the University Collections: Are they worth it? conference. We have also made significant progress behind the scenes with the complete refurbishment of two stores, a plastics conservation survey and the reopening of the Reserve Gallery. The future is also looking exciting with plans to refurbish the Main Gallery and construct a new staircase to improve access between all levels of the Museum.

Visit by the Chancellor

The Chancellor of the University of Cambridge, HRH Prince Philip, has taken an interest in our work at the Whipple Museum. In 1999, the Chancellor visited the Museum to view the newly completed discover gallery and meet with staff and students working in the Museum. On Monday 23 June 2003, the Chancellor paid us a return visit. He toured the Reserve Gallery and spoke to staff and students. On the Chancellor’s previous visit, four years earlier, this had been a storeroom and he was impressed by the transformation and commented favourably on the high-density display style. The Chancellor then made an impromptu inspection of the refurbished stores before visiting the Main Gallery to view the displays and look at design proposals for the refurbishment. Before leaving, the Chancellor made an unannounced visit to the Whipple Library.

Behind the scenes

Sonia Hollins, previously Library Assistant in the Whipple Library, joined the Museum staff in September. Sonia is acting as the Gallery Attendant in the Reserve Gallery during the school holidays and assisting with Museum cataloguing during the term.

Funding from re:source through the DCMS/Designation Challenge Fund, from the MRC Laboratory of Molecular Biology and from private donations has enabled the Whipple to continue to offer work experience and employment to students and young graduates.

Boris Jardine and Lisa Newble (BA Anthropology 2001) joined the Whipple staff as DCF Project Technicians on our Collections Access Project, which concluded in March 2002. During
the summer months, Boris and Lisa continued to work in the Museum with the help of private funding support and in October they were appointed as Project Technicians on our ‘Welcome to the Whipple’ DCF Project.

Corrina Bower (BA Archaeology & Anthropology 1998; MA Museum Studies, UCL 2000) came to the Whipple Museum as DCF Project Assistant and with funding support from the MRC remained with us over the summer of 2002 working on the exhibition *Representations of the Double Helix*. In the autumn, Corrina was appointed to the ‘Welcome to the Whipple’ project as temporary Project Technician. In early December, Corrina took the next step on her museums career and became Curatorial Officer at the Farmland Museum and Denny Abbey, Cambridge. We are grateful for her dedication and hard work.

We were joined for October and November by Saffron Clackson (BA HPS 2002) who came as a temporary DCF Project Assistant and carried out a full inventory check on Store 3 before setting off for Ghana to gain overseas work experience.

Ben Please (BA HPS 2001) rejoined us for a week in November to finish working on the objects for the handling trolley.

Rebecca Tudor (BA Geography 2002) joined us in April as a temporary DCF Project Assistant and carried out an inventory check for Store 1c – cleaning, checking object information and updating the Museum database. Rebecca remains with us over the summer with Whipple Museum funding support and she is currently developing children’s activities for our Victorian Parlour.

Ruth Horry (BA HPS 2003), who worked in the Museum in the summer of 2002, has rejoined us this summer. She will work on the Edward Sherburne Project and, with Rebecca, will carry out a visitor study in the Main Gallery.

Museum Staff attended training courses in:

- **Visitor Studies** – Lisa Newble and Monica Elsey
- **Museum Documentation** – Boris Jardine, Lisa Newble, Rebecca Tudor and Ruth Horry
- **Virtual Matters** – Lisa Newble
- **Welcoming Visitors with Disabilities** – Elizabeth Hart

One Week Residential Course, MA Museum Studies (Leicester) – Lisa Newble

In November, the Museum was able to provide a one-week work experience placement for Veronica Glick, a student from the Perse School for Girls. Veronica wrote several short biographies to accompany the portraits in our ‘print gallery’ and researched handling objects for use in our Victorian mini-gallery as well as joining in routine museum work.
Teaching and exhibitions

Departmental Teaching
The Whipple Museum plays an important role in the Department’s teaching. The lecturers use the Museum displays and the collection to illustrate their own lectures, whilst the Director offers lecture-demonstration classes on instruments, models and collections for Papers 1, 2 and 3. Students have had the opportunity to work with the Museum’s collection as part of their studies and in recent years a number of undergraduate and postgraduate theses have been undertaken on individual objects.

Student Research 2002 – 2003

Constantina Kapetanyannis (Darwin College)
MPhil Essay: ‘Embodying the Abstract: Mathematical Models in Cambridge’
MPhil Dissertation: ‘Reforming Mathematics: Late Nineteenth-Century Mathematical Models’

Josephine Armstrong (Jesus College)
Undergraduate Dissertation: ‘A Study of the Lusuerg Instruments in the Whipple Museum’

Representations of the Double Helix
A temporary exhibition, Representations of the Double Helix, with funding support from the MRC Laboratory of Molecular Biology, was mounted in the Whipple Main Gallery in Michaelmas. The exhibition, which follows the image of the double helix from its first appearances in scientific papers to its uses as a cultural icon, was curated by Soraya de Chadarevian and Harmke Kamminga, assisted by Corrina Bower, and marks the 50th anniversary of Watson and Crick’s publication of A structure for Deoxyribose Nucleic Acid in Nature. An evening reception, on 15 January, was attended by guests from the University, MRC Laboratory of Molecular Biology, Cambridge and the wider community. On Sunday 27 April, the Museum held a special open day to enable delegates attending the 50th anniversary celebrations to visit the exhibition. It was interesting to meet alumni of the Cavendish who were responsible for constructing the original model.

The anniversary created a great deal of worldwide interest and this led to the media focussing on Cambridge. The Whipple Museum exhibition was featured in several national newspapers and on 8 television programmes in Europe and North America.

The Whipple Museum has published an exhibition catalogue to accompany the exhibition, Representations of the Double Helix by Soraya de Chadarevian and Harmke Kamminga.

Instruments of Translation
The Cambridge Latin Therapy Group is a graduate seminar devoted to translating Latin texts on the history of science. This year the Group, in collaboration with the Whipple Museum, has
worked on several puzzling instruments and instrument texts: a manuscript on the use of the navicular sundial, instructions engraved on a seventeenth-century Rojas dial, and a description of a horological device in Athanasius Kircher’s *Ars magna lucis et umbrae* (1646). The Case Study in the Whipple Main Gallery and the Whipple publication *Instruments of Translation* discuss how the difficulties encountered in translation and how the problems and successes in using instruments to interpret texts – and vice versa – show the value of a dialogue between historians of books and historians of instruments.

The Waterman Prize, awarded annually to a student (or in this case a group of students) who has made a significant contribution to our understanding of objects in the Whipple Collection, was presented this year to the Latin Therapy Group.

**Publications**


**Outreach and collaboration with other University museums**

**Cambridge Collections Lecture Series**

The Directors of the University of Cambridge Museums and Collections presented a series of 8 open lectures in Michaelmas. Dr Liba Taub gave a lecture *The Whipple Museum of the History of Science: Case Studies* on 4 November.

**Cambridge Discovery Lecture Series**

The Cambridge University Museums, Collections in the Human & Natural Sciences (the Whipple Museum of the History of Science, Museum of Archaeology and Anthropology, Sedgwick Museum of Earth Sciences and University Museum of Zoology) continue to collaborate in the organisation of the ‘Cambridge Discovery’ series of informal public talks and events intended to open a window on the internationally renowned collections of Cambridge University’s ‘scientific’ museums and to the cutting-edge research relating to them.

**University Collections – Are They Worth It?**

Peterhouse, Cambridge, 4-5 July 2003

The Whipple co-sponsored an international conference centred around questions related to university collections; invited speakers have responsibility for collections in British, European and American universities.

The conference was organised by the Whipple Museum of the History of Science, with support from the Resource/DCMS Designation Challenge Fund, CRASSH (the Centre for Research in
the Arts, Social Sciences and the Humanities), the Fitzwilliam Museum, and the University Museums Group; co-convenors: Liba Taub (Whipple Museum) and Duncan Robinson (Fitzwilliam Museum), with help from Simon Chaplin (Royal College of Surgeons).

Over 100 delegates representing all fields of interest in university museums, collections and their funding bodies attended the conference. The talks were varied and provoked lively discussion.

**Oral History**

In dealing with our Museum’s collections we often meet interesting people who have worked ‘behind the scenes’ in scientific research. Many of these people are now elderly and we are conscious that their stories and the information on day-to-day activities will be lost. With the support of our DCF funding, the Museum has purchased sound recording equipment. Corrina Bower and Lisa Newble attended a meeting of the pensioners group of the Cambridge Scientific Instrument Company and gave a presentation on Oral History recording and invited members to participate in a pilot project. Lisa has now carried out nine interviews and these have been transcribed by Sonia and Rebecca.

‘Best day at school!’

Lisa Newble was recently invited to visit Queen Edith Primary School in Cambridge. As part of the national curriculum, the Year 2 class were making ‘museums’ and Lisa spoke to the children about work in the Whipple Museum to preserve historic objects and on creating a display and writing labels. Lisa took several of the drawers from the Reserve Gallery handling trolley and the children were thrilled to be able to touch ‘real museum objects’: one little girl told Lisa that it was the best day that she had ever had in school!

**Cambridge Science Festival**

On Saturday 15 March the Whipple Museum opened for the day to participate in the Cambridge Science Festival. The Main gallery was open and many families completed the ‘Double Helix Challenge’ puzzle trail. The Reserve Gallery was busy with families and adults enjoying activities with the objects from the drawers of the handling trolley.

The Museum staff were assisted on the day by students in the Department: Kemal de Soysa, Josephine Armstrong and Tom Chacko.

**Weekend Openings**

Although it is not possible with our very low staff levels to open the Museum at the weekends on a regular basis we try to meet requests for special openings. This year these were:

- **Saturday 5 October**  Radiologists holding a meeting at Peterhouse
- **Saturday 1 March**  Madingley Hall, Day School (Soraya de Chadarevian)
- **Saturday 15 March**  Cambridge Science Festival
- **Saturday 26 April**  Historical Medical Equipment Society
- **Sunday 27 April**  DNA 50th Anniversary, Laboratory of Molecular Biology alumni
**Television Programmes**

This year the Whipple Collection has featured in two television programmes: ‘An Introduction to Philosophy’ (an educational film by Tranquilo TV from Argentina) and a programme on the history of Sinclair calculators by the BBC, Norwich.

In addition, the Whipple Museum has been the setting for two radio and four television interviews conducted with members of the Department of History and Philosophy of Science, including Soraya de Chadarevian, Patricia Fara and Simon Schaffer.

**Grants awarded**

**Arts and Humanities Research Board**

Effective August 2001, the Whipple was awarded £25,000 core funding for this academic year, from the Arts and Humanities Research Board. The award will continue annually for five years, subject to a review and a satisfactory progress report after three years. This funding is paid to the University of Cambridge directly, rather than to the Whipple itself, and has resulted in an actual increase of £908, which the Whipple may spend directly during the academic year. The £908 is earmarked for publicity and marketing, based on the recommendations of the referees.

**Designation Challenge Fund**

The Designation Challenge Fund was created by the Department for Culture, Media and Sport to support designated collections. A total of £15m was made available to re:source (The Council for Museums Archives and Libraries) to award to designated museums in a three-year grant programme covering the period April 1999 to March 2002. A further £5.2m of funding was made available for the period August 2002 to March 2004. The fund is intended both to meet the aims of designation, and to help museums in the scheme to tackle basic collections management tasks.

In total, to date (1999-2003), the Whipple Museum has been awarded £428,739 from the Designation Challenge Fund. An image of our *discover* gallery featured prominently in re:source’s *Designation Challenge Fund Report 1999-2002*.

**‘Welcome to the Whipple’ Project (August 2002 to March 2004; £99,912)**

Our ‘Welcome to the Whipple’ project is building upon the successes of our Collections Access Project. The main aims are:

- Utilising extensive audience evaluation, we are developing plans (with design professionals, BLB Architects, and consultants Dr Gaby Porter and Margaret Hall) to refurbish our Grade II listed Main Gallery. The design package will provide the basis for our future fundraising efforts to enable us to accomplish the much-needed refurbishment.
• Adding images and incorporating new technologies, we will broaden the appeal of the database and enable visitors to relate the information contained in the database to the objects on display in all of our galleries. We are also building upon and expanding our outreach activities, which included the University collections conference and continued support for the Cambridge Discovery series.

• By refreshing our older displays in the Main and Upper Galleries, and improving display and interpretation using simple, cost-effective methods, we will attract visitors and enhance the visitor experience. We are also creating a mini-gallery, a ‘Victorian Parlour’.

We are making good progress with our project. In January 2003, we appointed BLB Architects to develop a plan to refurbish our Grade II listed Main Gallery and address the issue of improving access to the Whipple Museum galleries. Draft proposals have been presented to staff of the Museum and staff and students from the Department. Further consultation will take place over the summer and autumn.

Photographs have now been taken of over 4000 objects from the collection and approximately 3000 are attached to the database.

**EEMLAC**

The Whipple received a grant of £380 from EEMLAC, the East of England Museums, Libraries and Archives Council. This award was to cover 50% of the costs of hiring a professional conservator to advise on the care of objects in the Collection made of or containing plastic materials. This is an area of concern to all museums; some early celluloid objects are now becoming unstable and the plasticizers in more recent foams are leading to their degradation. The Museum has to consider how best to deal with plastic objects and also minimise any deleterious effects on other objects in the stores.

**PRISM**

The Whipple Museum received two PRISM awards in November 2002: a grant of £4,250 (50%) towards the purchase of an 1843 Human Anatomical Model by Auzoux and a grant of £7,500 (50%) towards the purchase of a Spanish 19th-century Combination Globe.

**Donations**

We are grateful to special friends of the Whipple, for the following gifts:

The Waterman Prize is awarded annually by the Board of History and Philosophy of Science to the student who has done the best work during the course of the academic year using the collection of the Whipple Museum. This year a double prize has been awarded to the Latin Therapy Group to assist them in further research. We are very grateful to Trevor Waterman & Sons for their continuing generosity in funding this award.
The Winona Fund, established by an anonymous donor, generously continued to contribute money to help support students working on scientific instruments.

**Recent acquisitions**

Acquisitions this year include transfers from the Departments of Earth Sciences, Paediatrics and Zoology; and from Photography and Illustration Services.

Brian Harland of the Department of Earth Sciences donated a group of instruments he used in the geological survey of Svalbard.

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<th>Electronic pocket calculator</th>
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<td>Print of Sir Frederick Gowland Hopkins</td>
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<td>Print of Angelo Sismonda da Corneliano</td>
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<td>Print of Reverend Joseph Priestly</td>
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<td>Print of George Combe and John Gray</td>
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<tr>
<td>5924</td>
<td>Print of Print of the Reverend Thomas Martyn, King’s College Chapel, the Public Library and Senate House. 1799.</td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
</tr>
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<tr>
<td>5925</td>
<td>Print of the Monument of the Tradescants and their portraits</td>
</tr>
<tr>
<td>5926</td>
<td>Print of Robert Jameson</td>
</tr>
<tr>
<td>5927</td>
<td>Print of Erasmus Darwin</td>
</tr>
<tr>
<td>5928</td>
<td>Print of William Kirby</td>
</tr>
<tr>
<td>5929</td>
<td>Print of Charles Darwin</td>
</tr>
<tr>
<td>5930</td>
<td>Print of André Dumont</td>
</tr>
<tr>
<td>5931</td>
<td>Print of Johann Jacob Scheuchzer</td>
</tr>
<tr>
<td>5932</td>
<td>Gear-train model</td>
</tr>
<tr>
<td>5933</td>
<td>Anatomical booklet entitled ‘The Ox’</td>
</tr>
<tr>
<td>5934</td>
<td>Chart of the human genome</td>
</tr>
<tr>
<td>5935</td>
<td>Caricature cartoon of ‘Our National Church’</td>
</tr>
<tr>
<td>5936</td>
<td>Low temperature thermometers</td>
</tr>
<tr>
<td>5937</td>
<td>Barometer</td>
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<tr>
<td>5938</td>
<td>Prismatic compass</td>
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<tr>
<td>5939</td>
<td>Altimeter</td>
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<tr>
<td>5940</td>
<td>Arithmetical lottery</td>
</tr>
<tr>
<td>5941</td>
<td>Compass clinometer</td>
</tr>
<tr>
<td>5942</td>
<td>Rock compass</td>
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<tr>
<td>5943</td>
<td>Pantograph</td>
</tr>
<tr>
<td>5944</td>
<td>Rolling parallel rule</td>
</tr>
<tr>
<td>5945</td>
<td>Rule</td>
</tr>
<tr>
<td>5946</td>
<td>Flexible station pointer</td>
</tr>
<tr>
<td>5947</td>
<td>Mini binoculars</td>
</tr>
<tr>
<td></td>
<td><strong>Handling Collection Objects</strong></td>
</tr>
<tr>
<td></td>
<td>HC 60 abacus</td>
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<tr>
<td></td>
<td>HC 61 stereoscopic viewer</td>
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<tr>
<td></td>
<td>HC 62 tuning forks</td>
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<tr>
<td></td>
<td>HC 63 stereoscopic viewer</td>
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<td></td>
<td>HC 64 flat orrery and tellurion</td>
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<td></td>
<td>HC 65 microscope lamp</td>
</tr>
<tr>
<td></td>
<td>HC 66 electronic pocket calculators (5)</td>
</tr>
<tr>
<td></td>
<td>HC 67 reproduction of Mogg’s celestial globe</td>
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<td></td>
<td>HC 68 electrostatic generator</td>
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<td></td>
<td>HC 69 light boxes</td>
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<td>HC 70 prisms</td>
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<td>HC 71 organ tunic</td>
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<td></td>
<td>HC 72 skeleton tunic</td>
</tr>
<tr>
<td></td>
<td>HC 73 plant model</td>
</tr>
<tr>
<td></td>
<td>HC 74 pair of globes</td>
</tr>
<tr>
<td></td>
<td>HC 75 achromatic compound microscope</td>
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<tr>
<td></td>
<td>HC 76 achromatic microscope</td>
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<tr>
<td></td>
<td>HC 77 abacus</td>
</tr>
<tr>
<td></td>
<td>HC 78 armillary sphere</td>
</tr>
<tr>
<td></td>
<td>HC 79 horizontal inclining dial</td>
</tr>
</tbody>
</table>

**Loans**

The Whipple Museum continues to receive requests from other museums for the loan of objects from within its collection, evidence of how highly regarded the collection is both nationally and internationally. The Whipple Museum contributes material to exhibitions in other institutions in order to encourage new research in and public enjoyment of its collection. Below is a list of the borrowing institutions, the exhibitions held and the objects borrowed during this academic year.

**Sedgwick Museum**

Woodward’s Study: September 2002 to September 2004

- 0035 set of drawing instruments, Dutch 1700
- 0875 compound microscope, tripod type c.1690

**Department of Chemistry**

Chem@300 Symposium: 6 to 9 December 2002

- 0065 platinum press

32
National Maritime Museum
  5802  Blowpipe, geological exploration set by Augult Lingke & Co. Freiburg
        19th century

Royal Observatory, Greenwich
  0211  Compound microscope, Marshall type. Possibly made by John Marshall
        c.1720

University of East Anglia, Sainsbury Centre for Visual Arts
‘Rain or Shine: Living with Weather’: May 2003 to June 2003
  1635  Cloud Camera
  4416  Four cloud camera prints
  4564  Weather disc
  5173  Sunshine recorder
  1185  Anemometer

Colchester Castle Museum
‘The Life and Legacy of William Gilberd’: July 2003 to January 2004
  3745  Armed lodestone made by B Koops 1742
Individuals

Individual reports of members of the Department

Katherine Angel

Publications

Articles in journals

Debby Banham

Debby Banham is very pleased to report that funding from the Newton Trust for Michaelmas 2002 has allowed her to complete the survey of medieval medical and scientific manuscripts in Cambridge for the electronic Thorndike and Kibre project, based in the Department and directed by Peter Murray Jones of King’s College. The data will eventually be made public, but in the meantime, enquiries can be addressed to Debby Banham or Peter Jones.

In May she was pleased to be asked to join the Medieval Diet Group. She has continued to teach Latin, palaeography and Anglo-Saxon history for the colleges, Madingley Hall, and Birkbeck, and she has also been teaching for the Open University this year.

Publications

Articles in books

Articles in journals

In Press

Books

Articles in books

Lectures and Conferences

May 2003
Banham, D. ‘The social context and material culture of feasting in Anglo-Saxon England’, The Table: Conference on the Material Culture of Dining, University of Sheffield
Banham, D. ‘Ther was symbla cyst: the feast in Anglo-Saxon England’, Medieval Diet Group, Somerville College, Oxford
Banham, D. ‘The care of the sick’, Disease and Medicine in the Middle Ages seminar, Birkbeck College, London

34
Banham, D. ‘But what did they have for breakfast? The really important questions about Anglo-Saxon England’, Bede’s World, Jarrow

July 2003
Banham, D. ‘Se hlaf the man halige on hlafmæsse dæg: the cross, blessings and the food supply in Anglo-Saxon England’, Cross and Crucifix in Anglo-Saxon England and on the Continent, King Alfred’s College, Winchester

Andrew Barry

Publications

Articles in journals

Lectures and Conferences
November 2002
Barry, A. ‘Technology and event’, Seminar on Paul Virilio, Faculty of Social Sciences, University of Sussex

December 2002

January 2003
Barry, A. ‘Embodying ethics: politics and the brand’, Workshop on Inside Ethics, Girton College, Cambridge

March 2003

June 2003
Barry, A. ‘Cosmopolitics’, Conference on Technonatures, Goldsmiths College

July 2003
Barry, A. ‘Gell, Whitehead and the anthropology of invention’, *Anthropology and Science*, ASA Decennial Conference, University of Manchester
Barry, A. ‘The Malanggan and the pipeline: technology and political event’, *Anthropology and Science*, ASA Decennial Conference, University of Manchester

Conference and Seminar Organisation
(with C. Hayden) Panel on Disembedding Politics: Technoscience and the Problem of Political Representation, ASA Conference, Manchester, July 2003
(with D.R. Slater) Innovating Markets symposium, LSE, London, April 2003 (in collaboration with Department of Sociology, LSE and École des Mines, Paris)
(with C. Hayden) Inside Ethics workshop, Girton College, Cambridge, January 2003 (in collaboration with Department of Social Anthropology, University of Cambridge)

Research Grants
Member of CNRS network on Ecological Governance, 2002-2004
Robert Bud

During the year Robert Bud has been directing the development of two substantial historical websites at the Science Museum, provisionally entitled ‘Ingenious’ and ‘Making the Modern World online’. He has also been writing a history of penicillin to be published by Oxford University Press. He is a member of the steering committee of the Tensions of Europe Project.

Publications

Reviews

Lectures and Conferences

October 2002
Bud, R. ‘The revolutionary implications of the word biotechnology’, Genetica e biotecnologie nella medicina. Aspetti scientifici, etici, storici, giuridici ed economici, Rome
Bud, R. ‘Communicating “technology in culture”’, SHOT conference, Toronto

June 2003
Bud, R. ‘Miracle drugs and the marketing of science in the 1930s’, Anglo-American Medical Relations: Historical Insights, London

July 2003
Bud, R. ‘“Religion is not only silly but wrong”: the political and cultural meaning of DNA, 1939-53’, *Science Its Advocates and Adversaries*, 17th Annual Conference of the Institute of Contemporary British History, London
Bud, R. ‘The penicillin epidemic, doctors and the Asian flu pandemic of the 1950s’, *Devices and Designs: Medical Innovation in Historical Perspective*, Manchester

August 2003
Bud, R. ‘Technology, museums and the multimedia future’, *Icohtec conference*, Moscow

September 2003
Bud, R. ‘Communicating the history of chemistry online’, 4th International conference on the history of chemistry, Budapest

Tatjana Buklijas

Lectures and Conferences

October 2002
Buklijas, T. ‘Topography of anatomy: mapping a discipline in post-1848 Vienna’, Arts and Humanities Seminars, Clare Hall, Cambridge

February 2003
Buklijas, T. ‘Imperial bodies: supplying anatomy after 1848 in Vienna’, History of Modern Medicine Seminar, Department of History and Philosophy of Science, University of Cambridge

March 2003
Buklijas, T. ‘Dissection in medical education at Vienna University, 1848-1914’, History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge
Buklijas, T. “‘Celebrata est anathomia’: 600 Hundert Jahren der Anatomie in Wien (1. Teil): Lehren und Lernen, 1845-1914”, Neuere Ergebnisse der Medizingeschichte, Institut fuer Geschichte der Medizin der Universitaet, Vienna, Austria

May 2003
Buklijas, T. ‘Public anatomy in post-1848 Vienna’, Nordic Postgraduate Workshop in History of Science and Technology, Bjerringbro, Denmark

July 2003
Buklijas, T. ‘Public anatomies in Vienna”, International Society for History, Philosophy and Social Studies of Biology 2003 Meeting, Vienna, Austria

Jeremy Butterfield

Publications

Reviews

In Press

Books

Articles in books

Articles in journals

Lectures and Conferences

November 2002
Butterfield, J. ‘David Lewis meets Hamilton and Jacobi’, invited symposium paper at Philosophy of Science Association biennial conference, Milwaukee, USA

March 2003

April 2003
Butterfield, J. ‘On Machianism in Dynamics’ and ‘Persistence and Classical Continua’, Physics and Philosophy Departments, Florence, Italy

May 2003
Butterfield, J. ‘Philosophical surprises in classical mechanics’, The Jacobsen Lecture, University of London

August 2003
Butterfield, J. ‘Catastrophe theory: some philosophical morals’, Quadrennial World Congress of Logic and Philosophy of Science, Oviedo, Spain
Butterfield, J. ‘Wilson on the philosophy of classical mechanics’, Quadrennial World Congress of Logic and Philosophy of Science, Oviedo, Spain
Butterfield, J. ‘Classical Mechanics is not Pointilliste and can be Perdurantist’, invited lecture at XIth annual UK Foundations of Physics conference, Leeds

Soraya de Chadarevian

Soraya de Chadarevian and Harmke Kamminga were curators of the exhibition *Representations of the Double Helix*, on display in the Whipple Museum from January to December 2003. Soraya gave numerous interviews with television, radio and newspaper reporters from the UK, Germany, Hungary, Yugoslavia, Croatia, Italy, Spain, the US, Canada and Japan around the opening of the exhibition and the DNA 50 anniversary (January - April 2003).

Publications

Books

Articles in books

Articles in journals
de Chadarevian, S. ‘Relics, replicas and commemorations’ *Endeavour* 27 (2003), no. 2, June, 75-79

Reviews

In Press

Edited volume

Articles in books

Conference Organised

February 2003
De Chadarevian, S. and Strasser, B.  Two-day international workshop *Forty Years of EMBO (European Molecular Biology Organisation)*, EMBO Headquarters, Heidelberg
Lectures and Conferences

November 2002
de Chadarevian, S. Commentary at workshop Dynamique des disciplines biologique: classification, embryologie, génétique, Pasteur Institute, Paris

December 2002
de Chadarevian, S. ‘DNA as an icon’, MRC-Laboratory of Molecular Biology, Cambridge

February 2003
de Chadarevian, S. ‘EMBO as “expert body”: The Recombinant DNA Standing Advisory Committee’, workshop Forty Years of EMBO, EMBO Headquarters, Heidelberg

April 2003
de Chadarevian, S. ‘Fifty years of the double helix: a historical perspective’, Universidad Autonoma, Madrid
de Chadarevian, S. ‘The making of a twentieth-century icon’, City of Knowledge, Barcelona
de Chadarevian, S. ‘Immagini del DNA’, meeting 50 anni della doppia elica, Rome, Italy
de Chadarevian, S. ‘DNA and the history of genetics’, meeting Molecular Biology in the Twentieth Century, Royal Institution, London

May 2003
de Chadarevian, S. and Kamminga, H. ‘DNA as cultural icon’, Discovery Series, Sedgwick Museum, University of Cambridge

June 2003
de Chadarevian, S. ‘Models and the making of molecular biology’, at workshop Medien des Lebens, Bauhaus Universitaet Weimar, Germany

July 2003
de Chadarevian, S. ‘Mice and the reactor: the “genetics project” and atomic politics in 1950s Britain’, meeting of the International Society for the History, Philosophy and Social Studies of Biology, Vienna

Katrina Dean

Publications

Articles in journals
Thomas Dixon

Thomas Dixon is an Affiliated Research Scholar of the HPS Department. He continues to hold a British Academy Postdoctoral Fellowship at the Faculty of Divinity, and a Junior Research Fellowship at Churchill College.

Publications

Books

Articles in books

Articles in journals

Reviews

In Press

Books

Articles in books

Reviews

Lectures and Conferences

November 2002
Dixon, T. ‘The first altruists: atheism, religion and ethics in Victorian Britain’, Philosophy of Religion Seminar, Canterbury Christ Church University College

April 2003
Dixon, T. ‘Is “altruism” a sweeter or better word than charity?: Atheism, science and morals in Britain, 1851-1914’, Postdoctoral Fellowship Symposium, British Academy, London

May 2003
Dixon, T. ‘Age of passions, age of reason? The Scottish birth of “the emotions” c. 1750-1820’, Science of Man in Scotland Project, University of Edinburgh

July 2003
Dixon, T. ‘Is “altruism” a sweeter or better word than charity?: Atheism, science and morals in Britain, 1851-1914’, British Society for the History of Science Annual Conference, York

August 2003
Dixon, T. ‘Harriet Martineau and the politics of altruism’, Martineau Society Annual Conference, Oxford

September 2003

Catherine Eagleton

This year Katie has mostly been writing her PhD, but she has also found time to work with the Cambridge Latin Therapy Group on their booklet Instruments of Translation and with Whipple Museum staff on the accompanying case study. She visited the USA during May, and will be going back for a few weeks in November 2003 as an Andrew W. Mellon Research Fellow at Oklahoma University. She is proud to have been a member of the first ever HPS Garden Party band.

Publications

Books

Articles in journals

In Press

Articles in books

Articles in journals

Reviews
Eagleton, C., Tybjerg, K. and Vermeir, K. Review of P. Long, Openness, Secrecy, Authorship, in British Journal of the History of Science


Lectures and Conferences

January 2003
Eagleton, C. ‘Telling the time in late medieval England: texts, images and objects’, Medieval Research Seminar, Faculty of History, University of Cambridge

February 2003
Eagleton, C. ‘Illustrations of instruments in manuscript and print culture: how sixteenth-century books redefined a medieval sundial’, History of the Book Seminar, Trinity College, Cambridge

May 2003
Eagleton, C. ‘The navicula sundial: text, image and object’, AVISTA sponsored session Art, Science and Technology: Interdisciplinary Studies at the International Medieval Conference, Kalamazoo, Michigan

June 2003
Eagleton, C. and Spencer, M. ‘Using science to do history: making manuscript stemmas using methods from evolutionary biology’, History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

Nader El-Bizri

Nader El-Bizri is an Affiliated Research Scholar of the HPS department, where he lectures on Arabic sciences. Moreover, he is a Research Associate in Philosophy at the Institute of Ismaili Studies, London, also acting as the Managing Editor of a multi-authored multi-volume Arabic critical edition and annotated English translation with commentaries of the *Rasa'il Ikhwan al-Safa*’ classic corpus in the history of science (*The Epistles of the Brethren of Purity*, c.10th century). In addition, he is coordinating a collaborative project with the Institut Français d’Études Arabes de Damas, and he has recently been elected as a member of the Executive Council of the Société Internationale d’Histoire des Sciences et des Philosophies Arabes et Islamiques (linked to the CNRS, Paris).

Publications

Articles in journals

In Press

Articles in books

Articles in journals
El-Bizri, N. ‘Religion and measure’, *Phenomenological Inquiry* 27
El-Bizri, N. ‘The varieties of *Experience* in Arabic thought’, *Keywords*

Reviews

**Lectures and Conferences**

**October 2002**

**November 2002**
El-Bizri, N. ‘La perception de la profondeur’, Centre d’Histoire des Sciences et des Philosophies Arabes et Médiévales, CNRS, Paris

**January 2003**

**February 2003**
El-Bizri, N. ‘Islam: a contemporary outlook’, Eton College, Windsor

**August 2003**
El-Bizri, N. ‘Microcosm and macrocosm: a tentative encounter between Greco-Arabic philosophy and phenomenology’, 53rd Phenomenology Congress in Istanbul, held in association with The World Phenomenology Institute

**Jim Endersby**

During the past year Jim Endersby completed and submitted his PhD (‘Putting plants in their place: Joseph Hooker’s philosophical botany, 1838–1865’), was elected to the Adrian Research Fellowship at Darwin College and continued to organise the Science and Literature Reading Group. In July 2002 he was awarded an Isaac Comly Martindale Fund library resident research fellowship, by the American Philosophical Society, Philadelphia, for archival research in the society’s library. He was elected to the council of the Society for the History of Natural History and appointed their website coordinator (www.shnh.org). He wrote and presented four lectures on the Modern Evolutionary Synthesis in the Department, and also wrote and taught a twenty-lecture course on the history of biology from 1750 to the present at University College, London.

**Publications**

**Articles in books**

**In Press**

**Articles in books**

**Reviews**
Lectures and Conferences

July 2003

Endersby, J. ‘Broad species, bottled ale and a good botanical horse: how to make yourself into a philosophical botanist’, British Society for the History of Science annual meeting, St John College, York

Patricia Fara

Publications

Books

Articles in books

Articles in journals
Fara, P. ‘Face values: how portraits win friends and influence people’, Science 299 (2003), 831-832
Fara, P. ‘Pictures of Dorothy Hodgkin’, Endeavour 27 (2003), 85-86
Fara, P. ‘Carl Linnaeus: pictures and propaganda’, Endeavour 27 (2003), 14-15
Fara, P. ‘Caricatures of Dr Katterfelto’, Endeavour 26 (2002), 81-82

Reviews

In Press

Books

Articles in books
Fara, P. ‘Multiple lives: Newtonianism, natural theology and the plurality of worlds debate’ in T. Weber (ed.) Science & Fiction II: Life on Other Stars
Articles in journals

Reviews
Fara, P. Review of K. Alder, The Measure of All Things: The Seven-Year Odyssey that Transformed the World, in Notes and Records of the Royal Society
Fara, P. Review of M. Beretta, Imaging a Career in Science: The Iconography of Antoine Laurent Lavoisier, in Ambix
Fara, P. Review of J.R. Millburn, Adams of Fleet Street, Instrument Makers to King George III, in Metascience
Fara, P. Review of J. Gleick, Isaac Newton, in Science

Lectures and Conferences

October 2002
Fara, P. ‘Advertising genius: images of Isaac Newton’, Discovery Series, University of Cambridge

March 2003

June 2003
Fara, P. ‘Edmond Halley and Victor Frankenstein’, Clare College, Cambridge

August 2003
Fara, P. ‘Electricity and enlightenment’, Edinburgh Book Festival

September 2003
Fara, P. ‘Sex, botany and empire’, Café Scientifique, Leeds
Fara, P. ‘Advertising genius: images of Isaac Newton’, University of Cambridge

John Forrester

John Forrester is the Acting Head of Department from January 2003 to December 2003. In April 2003, he was Schaffner Visiting Professor at the Franke Institute for the Humanities, University of Chicago.

Publications

Articles in books

Reviews
Lectures and Conferences

January 2003
Forrester, J. ‘Kuhn’s exemplarity: the influence of psychoanalysis on The Structure of Scientific Revolutions’, Psychoanalysis and the Humanities Seminar, Department of History and Philosophy of Science, University of Cambridge

March 2003
Forrester, J. ‘Le cas comme un style du raisonnement chez les psychanalystes et les juristes’, seminar given to Prof. Ian Hacking’s seminar, Collège de France, Paris

April 2003
Forrester, J. ‘Freud and the scientists: on the early reception of psychoanalysis in England in the 1920s’, Klopsteg Seminar Series in Science in Human Culture, Northwestern University, Chicago
Forrester, J. ‘“A Sort of Devil” (Keynes on Freud): notes towards a global history of psychoanalysis’, public lecture sponsored by the Franke Institute for the Humanities, University of Chicago

May 2003

July 2003

Marina Frasca-Spada

Marina Frasca-Spada is an Affiliated Lecturer; a member of the HPS Board and Degree Committee and of the Philosophy Faculty Board and Degree Committee; the Co-Editor of Studies in History and Philosophy of Science and the Associate Editor of Studies in History and Philosophy of Biological and Biomedical Sciences. She is also member of the Management Committee of the British Society for the History of Philosophy and co-organiser with J. Harris of a special interest group on Hume; HPS Director of Studies, Tutor and Fellow of St Catharine’s College; and Philosophy Director of Studies at Pembroke and Lucy Cavendish.

Publications

Articles in books

Articles in journals
Frasca-Spada, M. ‘The strength and vivacity of Hume’s belief’, Eighteenth-Century Thought 1
Frasca-Spada, M. Contribution to a symposium on Richard Yeo, Encyclopaedic Visions, in Metascience 11(2) (2002), 164–171

Edited volumes

In Press

Books
**Articles in books**


**Lectures and Conferences**

*September 2002*

Co-organiser with P.J.E. Kail of the conference ‘Hume Studies in Britain 2’, Department of Philosophy, Edinburgh

Frasca-Spada, M. ‘Belief and animal spirits’, conference ‘Hume Studies in Britain 2’

*April 2003*

Frasca-Spada, M. ‘Belief and animal spirits in Hume’s *Treatise of Human Nature*’, Departmental Seminar, Department of History and Philosophy of Science, University of Cambridge

**Aileen Fyfe**

Aileen Fyfe continues to be a Lecturer in the Department of History at the National University of Ireland, Galway. She has just received a substantial grant (from the Irish Research Council for Humanities and Social Sciences) to fund a postdoctoral fellow and a PhD student working on a joint project with Queen’s Belfast, on ‘Networks of Science and Culture in Ireland’. She is on the Editorial Board of *Science and Irish Culture*, whose first annual volume is due out later this year.

Aileen continues as Treasurer of the British Society for the History of Science. During Easter Term and the Long Vacation, she has been back in Cambridge, as a Visiting Fellow at the Centre for Research in Arts, Social Sciences and Humanities, whose theme this year has been ‘The Organisation of Knowledge’.

**Publications**

**Books**


**Articles in journals**


**Reviews**

Fyfe, A. Review of D. Livingstone et al., *Evangelicals and Science in Historical Perspective*, in *British Journal for the History of Science* 35 (2002), 113-114


**In Press**

**Articles in journals**


**Reviews**

Lectures and Conferences

October 2002
Fyfe, A., ‘Popularising science and its history’, Royal Irish Academy, Dublin

March 2003
Fyfe, A. ‘Science for children’, Science and the Public: Children, Monsters and Death-Rays, University of Aarhus
Fyfe, A., ‘Popular science: technologies and sources’, Popular Science Workshop, University of Aarhus

May 2003

June 2003
Fyfe, A., ‘Introducing popular science in Ireland’, Popular Science in Ireland, Queen’s University of Belfast

July 2003

Axel Gelfert

In the past year, Axel Gelfert has been supported through a Gates Cambridge Scholarship.

Publications

Articles in journals

Articles in books

In Press

Articles in journals
Gelfert, A. ‘Manipulative success and the unreal’, International Studies in the Philosophy of Science

Lectures and Conferences

April 2003
Gelfert, A. ‘Scepticism and testimonial knowledge’, 27th Annual Philosophy of Science Conference, Inter-University Centre, Dubrovnik, Croatia

May 2003
Gelfert, A. ‘Testimonial skepticism: worries concerning the word of others’, The Free University of Amsterdam Graduate Conference in Philosophy 2003, Amsterdam, The Netherlands

September 2003
Cathy Gere

Cathy Gere is currently in Brighton on a self-appointed sabbatical from her Wellcome Trust research post at King’s College, writing a book based on her dissertation for Yale University Press. This winter she will be in Greece writing a book for Profile Press on Mycenae. She will be returning to Cambridge in April 2004 for six months to finish the brain banking project. (The co-editor of the ‘Brain in a Vat’ special issue of Studies C is her brother, Charlie, whom some readers may remember from his work at the Whipple Museum in 1993.)

Publications

Articles in journals

Reviews

In Press

Articles in books
Gere, C. ‘J.G. Frazer’ in Dictionary of Nineteenth Century Scientists, Thoemmes Press

Articles in journals
Gere, C. ‘Thought in a vat: thinking through Annie Cattrell’, Studies in the History and Philosophy of Biology and the Biomedical Sciences
Gere, C. ‘Necessary inhumanity: Alder Hey in historical perspective’, Studies in the History and Philosophy of Biology and the Biomedical Sciences

Edited volumes
Gere, C. and Gere, C. (September 2004) Special issue of Studies in the History and Philosophy of Biology and the Biomedical Sciences on the philosophical, cultural, historical and aesthetic aspects of ‘The Brain in a Vat’

Talks and Presentations

December 2002

Jeremy Gray

Jeremy Gray was a co-organiser (with Professor Karen Parshall, Virginia) of a week-long workshop on the history of modern algebra held at the Mathematical Sciences Research Institute, Berkeley. In April 2003, he was appointed to the Advisory Board of the Oral History Project of the Mathematical Sciences Research Institute, Berkeley.

Publications

Books

In Press

Books

**Articles in books**

**Articles in journals**

**Lectures and Conferences**
April 2003
Gray, J.J. ‘Macaulay and algebraic geometry’, Mathematical Sciences Research Institute, Berkeley

May 2003
Gray, J.J. ‘The history of mathematics in the last 40 years’, 10th re-union of Dibner Institute Fellows, MIT

July 2003
Gray, J.J. ‘Galison’s Einstein’s clocks and Poincaré’s maps’, Oberwolfach, Germany

**Nick Hopwood**

Nick Hopwood has completed his two-year Wellcome-funded research leave, working on ‘Embryos, ancestors and the unborn: Visualizing human origins, 1790–1950’. He was a visiting scholar at the Max Planck Institute for the History of Science, Berlin in May and June 2003.

**In Press**

**Books**

**Articles in books**

**Reviews**
Lectures and Conferences

February 2003
Hopwood, N. ‘Model embryos’, Milner Society, Queens’ College, Cambridge

March 2003
Hopwood, N. ‘Ernst Haeckel’s pictures of embryos: a Darwinist fraud?’, University of Kent at Canterbury

July 2003
Hopwood, N. ‘How were Haeckel’s drawings of embryos made controversial?’, ISHPSSB meeting, Vienna

September 2003
Hopwood, N. ‘Embryos in wax’, Swedish Cardiovascular Conference, St John’s College, Cambridge

Annette Imhausen

Publications

Books

Articles in books

Articles in journals
Imhausen, A. ‘Calculating the daily bread: rations in theory and practice’, *Historia Mathematica* 30 (2003), 3-16

In Press

Articles in journals
Imhausen, A. ‘Egyptian mathematical texts and their contexts’, *Science in Context* 16 (2003), 367-389

Lectures and Conferences

November 2002
Imhausen, A. ‘Egyptian mathematical texts: algorithms to teach mathematics’, Seminaire dHistoire des Mathématiques, UMR 7596, REHSEIS, CNRS, Paris

December 2002

February 2003
Imhausen, A. ‘Egyptian mathematics’, Centre for the History of Mathematical Sciences, Open University, Milton Keynes
Nick Jardine

Nick Jardine continued to serve as departmental Director of Graduate Studies and as a member of the Botanic Garden Syndicate. With Marina Frasca-Spada he continued to edit *Studies in History and Philosophy of Science* and *Studies in History and Philosophy of Biological and Biomedical Sciences* with the help of the many members of the Department who are Assistant, Consulting and Advisory Editors. With Jenny Downes he has continued to organise the Latin Therapy Group, in which classicists, medievalists and early-modernists from HPS and allied departments hone their Latinity while enjoying natural philosophical and medical texts.

Publications

Books

Articles in journals
Jardine, N. ‘Editorial preface’ in *Kantian Philosophy and the Sciences* (special issue in memory of Gerd Buchdahl) *Studies in History and Philosophy of Science* 34/1, 1–4
Jardine, N. ‘“Argument be damned, it’s the picture that counts”: Gerd Buchdahl’s hermeneutic philosophy of science’ in *Kantian Philosophy and the Sciences* (special issue in memory of Gerd Buchdahl) *Studies in History and Philosophy of Science* 34/1, 183–208

Edited volumes
Jardine, N. and Frasca-Spada, M. (eds.) *Kantian Philosophy and the Sciences*, special issue of *Studies in History and Philosophy of Science* in memory of Gerd Buchdahl, 34/1

In Press

Articles in books

Articles in journals

Richard Jennings

Publications

Reviews
Letters to the Editor
Jennings, R.C. ‘Let the credits role’, Times Higher Education Supplement, 3 January 2003

In Press

Reviews

Lectures and Conferences

February 2003
Jennings, R.C. ‘Entitlement cards and ethics’, presentation to the Ethics Expert Panel of the British Computer Society

Peter M. Jones

From August 2002 to June 2003, Peter Jones was Beinecke-Whitney Fellow at Yale University. One research project was to compile a database catalogue of texts on science and medicine before 1500 in manuscripts at Yale. The two principal sources were the Beinecke Library and the Cushing/Whitney Medical Library at Yale. The great strengths of these two collections are the Mellon alchemical manuscripts and the medical manuscripts given by Harvey Cushing, including the superb Paneth codex. Peter Jones also worked on the use of images in medicine, and in April 2004 several exhibitions related to this theme will open at Yale, together with an international symposium on ‘The Art of Medicine’.

Publications

Articles in books

Articles in journals
Jones, P.M. ‘King’s College Library’, Journal of the Early Book Society 6 (2003), 217-219

In Press

Articles in books

Lectures and Conferences

October 2002

February 2003
Jones, P.M. ‘What makes illustration medical in the Middle Ages?’, College Art Association, New York

March 2003
Jones, P.M. ‘When pictures make us feel better – then and now’, Berkeley College, Yale

April 2003
Jones, P.M. ‘Word and image in medieval medicine’, Department of History of Art and Architecture, University of Pittsburgh
Jones, P.M. ‘Herbs and the medieval surgeon’, ‘Health and Healing in the Medieval Garden’ conference, Center for Medieval Studies, Pennsylvania State University
Jones, P.M. ‘“Quintessence works a hundred times better...”: alchemy and the medical practitioner before Paracelsus’, History of Medicine and History of Science, Yale University

May 2003
Jones, P.M. ‘Word and image in medieval medicine’, 38th International Congress on Medieval Studies, Kalamazoo, Michigan

June 2003
Jones, P.M. ‘Picturing medicine in the age of Petrarch’, ‘Petrarca e la Medicina’ conference, Università degli Studi di Messina, Sicily

Lauren Kassell

Lauren Kassell has been promoted to a lectureship from October 2003. She has been awarded membership of the Institute for Advanced Study, Princeton for the academic year 2003-4.

Publications

Online

In Press

Books

Lectures and Conferences

April 2003

Martin Kusch

Martin Kusch acted as Part II Senior Examiner. He served as Advisory Editor for Studies in the History and Philosophy of Science, as Consulting Editor of Episteme, and on the Beirat of an international project on voluntary action, organised by the Max-Planck Institute for Psychological Research in Munich. He continued working on a book defending Kripke’s interpretation of Wittgenstein.

Publications

Articles in books

Reviews
In Press

Articles in books
Kusch, M. ‘Explanation and understanding: von Wright’s philosophy of action’ in I. Niiniluoto and L. Haaparanta (eds.) Philosophy in Finland
Kusch, M. ‘Hintikka on Heidegger and truth’ in L. Hahn (ed.) Jaakko Hintikka (Library of Living Philosophers)

Lectures and Conferences

December 2002
Kusch, M. ‘Wissen aus zweiter Hand: Anmerkungen zu den Zeugnissen’, Department of Philosophy, ETH Zurich

January 2003
Kusch, M. ‘Dispositions and meaning: defending Kripke’s Wittgenstein’, Department of Philosophy, University of British Columbia, Vancouver, Canada

April 2003
Kusch, M. ‘Internal relations and causal explanations’, Department of History and Philosophy of Science, Melbourne University, Australia
Kusch, M. ‘Theories and institutions’, Department of History and Philosophy of Science, Melbourne University, Australia

May 2003
Kusch, M. ‘Ethnomethodology or sociology of scientific knowledge: the Bloor-Lynch debate revisited’, Department of Philosophy, University of East Anglia, Norwich
Kusch, M. ‘The Pyrrhonian Epistle and Kripke’s sceptical solution’, Wittgenstein Workshop, Department of Philosophy, University of East Anglia, Norwich
Kusch, M. ‘Dispositions and meaning: defending Kripke’s Wittgenstein’, King’s College, Cambridge
Kusch, M. ‘Dispositions and meaning: defending Kripke’s Wittgenstein’, Birkbeck College, London

June 2003
Kusch, M. ‘Ethnomethodology or sociology of scientific knowledge: the Bloor-Lynch debate revisited’, Philosophy Workshop, Department of History and Philosophy of Science, University of Cambridge

Sachiko Kusukawa

Sachiko Kusukawa is Team Leader in a four-year project, From Natural Philosophy to Science 1200-1700, funded by the European Science Foundation, and will be organizing four workshops on the relationship between the contexts and contents of natural philosophy for the next four years.

Publications

Articles in journals
Kusukawa, S. ‘Nineteenth-Annual Bainton Lecture: Melanchthon’s life of Erasmus (1557)’, Erasmus of Rotterdam Society Yearbook 23 (2003), 1-24

Reviews

In Press

Articles in books
Kusukawa, S. ‘Medical knowledge in Western Europe at 1500’ in P. Elmer (ed.) *The Healing Arts: Health, Disease and Society in Europe 1500-1800*
Kusukawa, S. ‘Medical Renaissance: Vesalius and blood-letting’ in P. Elmer (ed.) *The Healing Arts: Health, Disease and Society in Europe 1500-1800*
Kusukawa, S. ‘Nature’s regularity in some Protestant textbooks 1530-1630’ in L. Daston and M. Stollberg (eds), *Laws of Nature*

**Reviews**

**Lectures and Conferences**
*May 2003*
Kusukawa, S. ‘Early modern calendars: the astronomical revolution?’, Open University, Milton Keynes

**John Latsis**

John Latsis has just completed the second year of his PhD.

**Lectures and Conferences**
*March 2003*
Latsis, J. ‘The arbitrary economy’, Workshop on Realism and Economics, University of Cambridge

**Tim Lewens**

In October 2002 Tim Lewens gave up his research fellowship to take up a new post as University Lecturer in the HPS department. He remains a fellow of Clare College. He continues to organise and to chair the Cambridge Bioethics Forum, and the Departmental Philosophy Workshop. He remains Reviews Editor for *Studies in History and Philosophy of Biological and Biomedical Sciences*.

**Publications**

**Articles in journals**

**Reviews**

**In Press**

**Books**

**Articles in books**

**Articles in journals**
Lewens, T. ‘Prospects for evolutionary policy’ *Philosophy* 78 (2003), 483-502
Lewens, T. ‘What is genetics?’, *Journal of Medical Ethics*
Lewens, T. ‘The commercial exploitation of ethics’, *Studies in History and Philosophy of Biological and Biomedical Sciences*

**Reviews**
Lewens, T. Review of J. Dupré, *Humans and Other Animals*, in *Mind*

**Lectures and Conferences**

*September 2002*

*January 2003*
Lewens, T. ‘Is science value-laden?’, Hills Road Sixth Form College, Cambridge
Lewens, T. ‘Seven types of adaptationism’, University of Bristol, Department of Philosophy

*April 2003*
Lewens, T. ‘Realism and the strong programme’, International Conference in the Philosophy of Science, Dubrovnik, Croatia

*May 2003*
Lewens, T. ‘Disease’, William Harvey Research Institute, London

*June 2003*
Lewens, T. ‘Health in nature and society’, Cambridge Bioethics Forum, King’s College, Cambridge

*July 2003*
Lewens, T. ‘What are natural inequalities?’, International Society for Historical, Philosophical and Sociological Studies of Biology, Konrad Lorenz Institute, Vienna
Lewens, T. ‘Genetic testing: a question of ethics?’, Science Summer School, University of Cambridge

*September 2003*
Lewens, T. ‘Genes and justice’, Alumni Weekend, University of Cambridge

**Peter Lipton**

Peter Lipton remained Head of the Department and continued to serve on the University’s General Board and to chair its Personnel Committee for Michaelmas Term 2002; he then disappeared on leave. He served as Advisor Editor for *Studies in the History and Philosophy of Science*, and on the Editorial Board of *The British Journal for the Philosophy of Science* and the *Ashgate New Critical Thinking in Philosophy* series. He chaired the Nuffield Council on Bioethics working party on pharmacogenetics and was a member of its Council. In 2004 he will be Medawar Lecturer of the Royal Society and will give one of the Cambridge Darwin Lectures.

**Publications**

**Reports**

**Articles in books**

**Articles in journals**
Reviews
Lipton, P.  Review of J. Ziman, Real Science: What it is and What it Means, in Notes and Records of the Royal Society 57 (2003), 108-111

In Press

Books

Articles in books
Lipton, P. ‘Philosophy of science’ in S. Priest and A. Flew, A Dictionary of Philosophy
Lipton, P. ‘Abduction’ in S. Sarkar (ed.) The Philosophy of Science: An Encyclopedia, Routledge
Lipton, P. ‘Accepting contradictions’ in R. Young and P. Clark (eds.) Van Fraassen’s Philosophy of Science, Mind Association
Lipton, P. ‘Waiting for Hume’ in M. Frasca-Spada and P. Kail (eds.) Impressions of Hume, Oxford University Press
Lipton, P. ‘Genetic and generic determinism: a new threat to free will?’ in D. Rees and S. Rose (eds.) Perils and Prospects of the New Brain Science, Cambridge University Press
Lipton, P. ‘What good is an explanation?’ in J. Cornwell (ed.) Understanding Explanation, Oxford University Press
Lipton, P. ‘Inference to the best explanation’ in D. Borchert (ed.) Encyclopedia of Philosophy, Macmillan

Articles in journals
Lipton, P. ‘Epistemic options’, Philosophical Studies

Lectures and Conferences

September 2002
Lipton, P. ‘Does science tell the truth?’, BP Programme, Cambridge
Lipton, P. ‘The philosophy of science in the teaching of science’, Homerton College Cambridge

November 2002
Lipton, P. ‘Cambridge admissions’, AJ6, London

January 2003
Lipton, P. ‘Prediction and prejudice’, The Uppingham School

February 2003
Lipton, P. ‘The explanationist and the Bayesian should be friends’, Jowett Society, University of Oxford
Lipton, P. ‘The knowledge argument’, The Perse School

March 2003
Lipton, P. ‘Invisible knowledge’, Hills Road Sixth Form College
Lipton, P. ‘Scientific means and scientific ends’, Programme for Interdisciplinary Design for the Build Environment, University of Cambridge

June 2003
Lipton, P. ‘Science and values’, Institute of Ideas Conference on Ideas, Intellectuals and the Public, London

July 2003
Lipton, P. ‘Time, distance and truth’, University of Cambridge Science Summer School
Lipton, P. ‘The structure of a university’, University of Groningen Summer Academy, Cambridge
Lipton, P. ‘The truth about science’, University of Groningen Summer Academy, Cambridge
Lipton, P. ‘Will the sun rise tomorrow?’, Aiming Higher Summer School, University of Cambridge
Lipton, P. ‘Will the sun rise tomorrow?’, HE Summer School, HEFCE, University of Cambridge

August 2003
Lipton, P. ‘Will the sun rise tomorrow?’, GEEMA Summer School, University of Cambridge
Geoffrey Lloyd

Publications

Books

Articles in books

In Press

Books

Lectures and Conferences

October 2002
Lloyd, G.E.R. ‘Universities: their histories and responsibilities’, Tohoku University, Sendai
Lloyd, G.E.R. ‘Disease and the Greek imagination’, Chiba University, Chiba
Lloyd, G.E.R. ‘The ambiguities of purification in Greek medicine and culture’, Keio University Tokyo
Lloyd, G.E.R. ‘Plato and the grip of disease on the Greek imagination’, Gakushuin University, Tokyo
Lloyd, G.E.R. ‘Individuals and institutions in Greek and Chinese science’, University of Kyoto, Kyoto

May 2003
Lloyd, G.E.R. ‘Sensibilia and cross-cultural universals’, Conference on Sensibilia, Faculty of Classics, University of Cambridge

June 2003
Lloyd, G.E.R. ‘Case-histories in ancient medicine’, Second Ungaretti Lecture, University of Pavia, Italy
Organised and gave introductory talk to workshop ‘Chinese Logic: the Gongsun Longzi’, Needham Research Institute, Cambridge

Helen Macdonald

Publications

Articles in journals

In Press

Books

Articles in books
Lectures and Conferences

October 2002
Macdonald, H.J. ‘Introducing environmental history’, Research Methods Seminar, Department of History and Philosophy of Science, University of Cambridge

November 2002
Macdonald, H.J. “‘Rock birds and beach blonds’: falcon trapping, falconry and bird banding in east-coast America’, Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

November 2002

March 2003
Macdonald, H.J. ‘Rock birds and beach blonds: mid-twentieth century falcon-trapping cultures of east-coast America’, Job Talk, Department of History and Philosophy of Science, University of Cambridge

July 2003
Macdonald, H.J. Paper on the Peregrine Falcon (Falco peregrinus) for the session ‘Endangered Species, Threatened Paradigms’, Conference of the International Society for the History, Philosophy and Social Studies of Biology, Vienna

Scott Mandelbrote

Scott Mandelbrote continues to lecture for the Natural and Moral Philosophies paper for Part II and serves on the Departmental Board. He is a Fellow and Director of Studies in History at Peterhouse, where he is also Admissions Tutor. In 2002, he became a Newton Trust Lecturer in the Faculty of History. During the vacations in the coming academic year, he will be a Visiting Scholar at the Max-Planck-Institut für Wissenschaftsgeschichte in Berlin.

Publications

Articles in books

Articles in journals

Reviews
Lectures and Conferences

October 2002
Mandelbrote, S. ‘What was Hutchinsonianism?’, Cambridge Historical Society

November 2002
Mandelbrote, S. ‘Seventeenth-century medical practice and the resurrection of Anne Green’, Department of History and Philosophy of Science, University of Cambridge

February 2003
Mandelbrote, S. ‘The 1936 Sotheby sale and its impact on the study of Isaac Newton’s manuscripts’, Spalding Gentlemen’s Society
Mandelbrote, S. ‘Patristik-Forschung und “Philosophia perennis” bei Isaac Newton’, Melanchthonhaus, Bretten
Mandelbrote, S. ‘John Hutchinson and the Trinitarian assault on Newtonianism’, University of Sussex

April 2003
Mandelbrote, S. ‘Some local contexts for Robert Lowth’s *De sacra poesi hebraeorum*’, Sacred Conjectures conference, University of Oxford

May 2003

Neil C. Manson

Neil Manson has been working on a Wellcome Trust sponsored research project on ‘Informed Consent and Genetic Information’. The project addresses whether current consent procedures are adequate to ethically justify genetic testing and research, particularly when one takes into account the fact that genetic information can apply to related family members whilst informed consent procedures tend to be tailored to individual consent.

Publications

Articles in journals

In Press

Articles in books

Articles in journals
Manson, N.C. ‘Brains, vats and neurally-controlled animats’, *Studies in History and Philosophy of Science*
Manson, N.C. ‘Presenting behavioural genetics: spin, ideology and our narrative interests’, *Journal of Medical Ethics* (2003)

Lectures and conferences

February 2003
Manson, N.C. ‘The medium and the message: tissue samples and data protection legislation’, Bradford Hill Seminar, Institute of public health, Addenbrooke’s Hospital, Cambridge
March 2003
Manson, N.C. ‘Genetic information, regulation, and anti-exceptionalism’, Regulation, Information and Genetics Workshop, King’s College, Cambridge
Manson, N.C. ‘Intellectual property: a philosopher’s review’, Roundtable on the bioethical issues of intellectual property rights, Faculty of Law, University of Cambridge

May 2003
Manson, N.C. ‘State consciousness and phenomenal consciousness: some problems’, Workshop on consciousness and intentionality, King’s College, Cambridge

September 2003
Manson, N.C. ‘Informed consent, trust and testimony’, Workshop on testimony, trust and action, King’s College, Cambridge

Joan Mason
On 8 July 2003, Joan Mason was awarded the MBE for services to women in science. Joan Mason is a member of the IUHPS/DHS Commission on Women in the History of Science. She is part of a three-year Mentoring Project (2002-2004) for women in science, engineering and technology, run by the Association for Women in Science and Engineering and the Women’s Engineering Society and funded by the OST/DTI.

Publications
Reviews

In Press
Articles in books
Mason, J. ‘Hertha Ayrton (1854-1923)’ in N. Byers (ed.) *Contributions of Twentieth Century Women to Physics*, Institute of Physics Publishing

Articles in journals
Mason, J. ‘Rosalind Franklin’s discovery of the double helical structures of DNA’, *Notes and Records of the Royal Society*

Lectures and Conferences
June 2003
Mason, J. ‘Women academicians: why so few?’, conference on *Women Scientists and Institutions*, Masaryk College, Czech Technical University, Prague

Stephen Mason
Publications
Books
**Michela Massimi**

Michela Massimi is a Junior Research Fellow at Girton College. She is also a Research Associate at the Centre for Philosophy of Natural and Social Sciences (CPNSS) at the London School of Economics.

**In Press**

*Articles in journals*
Massimi, M. ‘What demonstrative induction can do against the threat of underdetermination: Bohr, Heisenberg, and Pauli on spectroscopic anomalies (1921-24)’, *Synthese*
Massimi, M. and Redhead, M. ‘Weinberg’s proof of the Spin-Statistics theorem’, *Studies in History and Philosophy of Modern Physics*
Massimi, M. ‘Non-defensible middle ground for experimental realism: why we are justified to believe in coloured quarks’, *Philosophy of Science*

*Lectures and Conferences*

*July 2003*
Massimi, M. ‘Non-defensible middle ground for experimental realism: why we are justified to believe in coloured quarks’, contributed paper at British Society for the Philosophy of Science Annual Conference, Queen’s University, Belfast

*August 2003*
Massimi, M. ‘Non-defensible middle ground for experimental realism: why we are justified to believe in coloured quarks’, contributed paper at XII International Congress of Logic, Methodology and Philosophy of Science, University of Oviedo, Spain

**Anna-K. Mayer**

Anna Mayer completed her PhD on ‘Roots of the history of science in Britain, 1916-1950’. This autumn, she will start a 3-year postdoc in the History Department at the University of Gainesville, Florida, where she will be working on scientific polymathy in the 20th century within an international research project that is sponsored by the Volkswagen Stiftung.

**Publications**

*Books*
Mayer, A.K. et al. (eds.) *The Correspondence of Charles Darwin*, vol. 13, Cambridge University Press

*Articles in journals*

*In Press*

*Articles in journals*
Mayer, A.K. ‘Setting up a discipline, II: British history of science and “the end of ideology”, 1931/1948’, *Studies in History and Philosophy of Science*

*Articles on the web*
Lectures and Conferences

February 2003
Mayer, A.K. ‘Inventing the historian of science in interwar Britain: historical science pedagogy and the Department for the History and Methods of Science at UCL’, Centre for the History of Science, Technology and Medicine, Imperial College, London

May 2003
Mayer, A.K. ‘History of science and “the end of ideology”, 1931/1948’, Department for the History and Philosophy of Science, University of Cambridge
Mayer, A.K. ‘Singer, Pollard and the neglect of science: the two cultures at UCL’, Department for Science and Technology Studies, University College, London

July 2003

John McMillan

John McMillan joined the department in October 2002. He serves as an associate editor for The Journal of Medical Ethics and on the executive committee of the Society for Applied Philosophy. He is an Associate Fellow of the Oxford Centre for Ethics and Communication in Health Care, University of Oxford.

Publications

Articles in journals
McMillan, J. and Hope, T. ‘Gametes, money, and egg sharing’, The Lancet Vol. 362 August 16 (2003), 584

Reviews

In Press
Articles in books
McMillan, J. ‘Sex selection’ in The Encyclopedia of Bioethics

Articles in journals
Hope, T. and McMillan, J. ‘Challenge studies of human volunteers: ethical issues’, The Journal of Medical Ethics

Lectures and Conferences

October 2002

March 2003
McMillan, J. ‘Human dignity and the ordre public exception to patenting DNA’, Faculty of Law, University of Cambridge
May 2003
McMillan, J. ‘Brentano on mental and physical phenomena’, Consciousness and Intentionality workshop, King’s College, Cambridge

June 2003
McMillan, J. ‘Dangerous severe personality disorder and preventative detention: is there a public health justification?’, Royal Institute of Philosophy public seminar, Keele University
McMillan, J. ‘Why we should be cautious about empirical ethics’, Empirical ethics workshop, Sosterburg, The Netherlands

James Moore

Publications

Articles in books

In Press

Articles in books

Lectures and Conferences

October 2002
Problems in the History of Science and Technology seminar series, Modern History Faculty, University of Oxford

November 2002
Guest discussion, NTW 115, Scientific Revolutions (Prof. James Strick), Franklin and Marshall College, Lancaster, Pennsylvania
Celebrating Darwin seminar (with Aubrey Manning, Martin Eastwood, and Richard Dawkins), sponsored by the University of Edinburgh and the National Museums of Scotland, Royal Museum, Edinburgh

April 2003
Writing Lives: The Past and Future of Biography, Center for the Humanities, Graduate Center, City University of New York
Richard Noakes

Richard Noakes has participated in a BBC Radio 4 series, *The Long Search*, which discusses the ways in which science and technology have shaped religious experiences in Britain. The programme will be broadcast on 25 December 2003.

In Press

**Books**

**Reviews**

**Articles in books**

Lectures and Conferences

March 2003
Noakes, R. ‘Thermodynamic puzzles and supernatural agencies in Victorian Britain’, Victorian Studies Centre, University of Leicester

July 2003
Noakes, R. ‘Spiritualising physics: problems in physics, psychics, and the transcendent in late-Victorian Britain’, BSHS Annual Conference, York St. John College

Lisbet Rausing

Lisbet Rausing is a former assistant Professor at the Department of the History of Science, Harvard University. Under the name of Lisbet Koerner, she has published widely on eighteenth-century natural history and science. In 2003 she became a member of the History of Science Society’s Pfizer Price Committee.

Publications

**Articles in journals**
Rausing, L. ‘College hopefuls should study in America’, *Financial Times*, 15 January 2003
**In Press**

**Articles in journals**

**Reviews**

Rausing, L. Review of Carl von Linne, *Nemesis Divina*, edited and translated with explanatory notes by M.J. Petry, in *Studies in History and Philosophy of Biological and Biomedical Sciences*

**Lectures and Conferences**

*January 2003*
Rausing, L. ‘The endangered language programme’, SOAS, University of London

*May 2003*
Rausing, L. ‘Concept of charity today’, Club von Berlin

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**Michael Redhead**

**Publications**

**Articles in books**

**Articles in journals**

**Discussion papers**

**Lectures and Conferences**

*December 2002*
Redhead, M.L.G. ‘Popper and the EPR experiment’, Popper Centenary Conference, London School of Economics

*June 2003*
Redhead, M.L.G. ‘Broken bootstraps: the rise and fall of a research programme’, James Cushing Memorial Conference, Oxford

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**Martin Rudwick**

**In Press**

**Books**

Lectures and Conferences

May 2003

Colin Russell

Colin Russell is Emeritus Professor in the History of Science at the Open University, and currently a consultant there. He was a founding member of the International Society for Science and Religion at the opening conference at Granada, Spain, 2002.

Publications

Articles in books

Articles in journals

Reviews

In Press

Books

Articles in books
Russell, C.A. ‘Atomi, tipi e radicali: strutture e teoria nella chimica’ in Storia della scienze, Enciclopedia Italiana, Rome

Articles in journals

Lectures and Conferences

December 2002
Russell, C.A. Paper to Conference ‘Chem@300: Transformation and Change’, the 300th anniversary celebration of the chair of chemistry at Cambridge. Also co-organiser with Mary Archer
Ayako Sakurai

Lectures and Conferences

November 2002
Sakurai, A. ‘Old and new venues of social pleasures – how the zoo replaced the promenade in late nineteenth-century Frankfurt am Main’, British Society for History of Science Postgraduate Conference, University of London

December 2002
Sakurai, A. ‘Frankfurt am Main, 1867: visiting a meeting of German naturalists and physicians’, Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

May 2003
Sakurai, A. ‘Nineteenth century, scientific societies, Frankfurt am Main – why?’, Nordic Post-Graduate Workshop in History of Science and Technology, University of Aarhus, Denmark

Christine F. Salazar

Publications

Books

Reviews

In Press

Reviews

Lectures and Conferences

January 2003
Attendance at American Philological Association Annual Meeting, New Orleans

May 2003
Salazar, C.F. ‘The treatment of casualties in Greek and Roman armies’, History of Medicine and Health Research Seminar, Centre for the History of Medicine, University of Birmingham
Simon Schaffer

Publications

Articles in books

Lectures and Conferences
November 2002
Schaffer, S. ‘Optical debate in the Republic of Letters’, Conference on Transmission and Understanding in Early Modern European Sciences, Maison Française, Oxford

December 2002
Schaffer, S. ‘Vigani and the establishment of Cambridge chemistry’, Department of Chemistry Tercentenary Conference, University of Cambridge
Schaffer, S. ‘Field trials and the colonial predicament’, Workshop on Natures and Empires, Gonville and Caius College, Cambridge
Schaffer, S. ‘Keeping the books at Paramatta Observatory’, Conference on Nineteenth-Century Observatory Sciences, Max Planck Institute for the History of Science, Berlin

February 2003
Schaffer, S. ‘Science, music and machinery in 1900’, Faculty of Music, University of Cambridge
Schaffer, S. ‘Forgers and authors in the Baroque economy’, Department of English, University of East Anglia
Schaffer, S. ‘The science of denunciation: automata and other devices’, Faculty of History, Central European University, Budapest

April 2003
Schaffer, S. ‘Instruments as cargo’, CRASSH Conference on Organisation of Knowledge, Corpus Christi College, Cambridge
Schaffer, S. ‘Glass and the history of science’, Workshop on Innovation and Change, King’s College, Cambridge

May 2003
Schaffer, S. ‘L’inventaire de l’astronome’, Seminaire Asie-Pacifique, EHESS Paris
Schaffer, S. ‘Transmission and misunderstanding in European meridian astronomy: a colonial perspective’, Conference on Transmission and Understanding in European Sciences 1740-1870, Maison Française, Oxford

July 2003
Schaffer, S. ‘Setting standards and reading signs’, Association of Social Anthropologists Decennial Conference, University of Manchester

Jutta Schickore

Publications

Articles in books
Articles in journals
Schickore, J. ‘(Ab) Using the past for present purposes: exposing contextual and trans-contextual features of error’, Perspectives on Science 10 (2002)

In Press

Articles in books
Schickore, J. ‘Comte, Auguste’ in Lexikon bedeutender Naturwissenschaftler, Spektrum Akademischer Verlag
Schickore, J. ‘Augenspiegel, Ophthalmoskop’ in Pschyrembel Wörterbuch Medizingeschichte, de Gruyter

Articles in journals
Schickore, J. ‘The “philosophical grasp of the appearances” and experimental microscopy: Johannes Müller’s microscopical research, 1824-1832’, Studies in History and Philosophy of Biology and Biomedical Sciences

Lectures and Conferences
April 2003
Co-organiser of an international conference (with Giora Hon (Haifa) and Friedrich Steinle (Berlin)) on Going Wrong and Making it Right: Error as a Crucial Feature of Concept Adjustments in Experimental Contexts, held in Aegina, Greece
Schickore, J. ‘Anything going wrong? Michael Faraday and Peter Mark Roget on optical deceptions’, at the conference Going Wrong and Making it Right: Error as a Crucial Feature of Concept Adjustments in Experimental Contexts, Aegina, Greece

June 2003
Commentator at the European Science Foundation Network workshop on New Perspectives on the Enhancement of the European Scientific Heritage: Scientific Instruments in Science History (and Beyond), University of Oxford

July 2003
Schickore, J. ‘The introduction of test objects into microscopy, 1820-1835’, BSHS Annual Conference, York

September 2003
Schickore, J. ‘Investigating vision: Thomas Young, Michael Faraday, and David Brewster on microscopical deceptions’, at the conference Visual Knowledges, Edinburgh

Anne Secord

Publications

Articles in journals
Secord, A. “‘Be what you would seem to be”: Samuel Smiles, Thomas Edward, and the making of a working-class hero’, Science in Context 16 (2003), 147-173

In Press

Books

Articles in books
Lectures and Conferences

October 2002

November 2002
Secord, A. Commentary on three papers in session on ‘Family networks and the circulation of science’, History of Science Society Annual Meeting, Milwaukee
Secord, A. and Jardine, N. Led a discussion of Anke te Heesen, The World in a Box, Cabinet of Natural History seminar, Department of History and Philosophy of Science, University of Cambridge

Jim Secord

Jim Secord was promoted to a personal chair from October 2002. In November his study of early Victorian evolutionary debates, Victorian Sensation, won the Pfizer Prize of the History of Science Society, awarded annually for the best book in the field. For three years starting from October 2003 he will be on leave with a Leverhulme Trust Major Research Fellowship, to write a book on science in the illustrated newspaper press during the nineteenth century.

Publications

Articles in books

Articles in journals
Secord, J. ‘Response’ to comments on Victorian Sensation by Crosbie Smith, George Levine and David Vincent in Journal of Victorian Culture 8 (2003), 142-150

Reviews

In Press

Books

Articles in books

Conferences and Lectures

October 2002
Secord, J. ‘From Miller to the Millennium’, Closing Plenary Address, Hugh Miller Bicentennial Conference, Cromarty, Scotland
November 2002
Commentary in session on German Scientific Periodicals, HSS Annual Meeting, Milwaukee, Wisconsin

December 2002
Secord, J. ‘Scrapbook science: composite caricatures in late Georgian England’, Department of Philosophy, University of Leeds

May 2003

Richard Serjeantson
Richard Serjeantson has been appointed to a College Lectureship in History at Trinity College from October 2004.

Publications

Articles in books

Reviews

In Press

Articles in books

Reviews

Lectures and Conferences

May 2003

June 2003
Serjeantson, R.W. ‘Medicine in the New Atlantis’, Wellcome Unit for the History of Medicine, University of Oxford

Ilina Singh
Ilina Singh is the Managing Editor of BioSocieties, a new journal to be launched in 2004.

Publications

Articles in journals
Singh, I. ‘Bad boys, good mothers and the “miracle” of Ritalin’, *Science in Context* 15(4) (2002), 577-603

**In Press**

**Articles in journals**
Singh, I. ‘Doing their jobs: mothering with Ritalin in a culture of mother-blame’, *Social Science and Medicine*
Singh, I. ‘Boys will be boys: fathers’ perspectives on ADHD symptoms, diagnosis and drug treatment’, *Harvard Review of Psychiatry*

**Lectures and Conferences**

*September 2003*

*November 2003*
Singh, I. ‘Moral dilemmas and Ritalin riddles’, Department of Psychological Medicine, Hergest Unit, Cardiff

*March 2003*
Singh, I. ‘Bettering boys: the role of psychopharmacology’, Psychology Department Seminar, Lancaster University

*December 2002*

**Emma Spary**

**Publications**

**Articles in books**

**Reviews**

**In Press**

**Articles in books**

**Articles in journals**
Lectures and Conferences

November 2002
Spary, E.C. “‘Peaches which the patriarchs lacked’: natural history, natural resources, and the natural economy in eighteenth-century France”, History of Science Society Annual Meeting, Milwaukee, Wisconsin

April 2003

Liba Taub

In 2002, Liba Taub was elected a member of the Wissenschaftliche Beirat of the Deutsches Museum. She continues to serve on the University Council, and is also a member of the steering group organised by re:source (The Council for Museums, Libraries and Archives) to review Designation and the Designation Challenge Fund, as well as the UK Spoliation Advisory Panel. During the academic year, she organised three meetings of the Edward Sherburne Project (ESP). In May she became the new editor for the Routledge series Sciences in Antiquity.

Publications

Books

Articles in books

In Press

Articles in books

Lectures and Conferences

January 2003
Taub, L. ‘The astronomical background to Aristotle’s Metaphysics Λ 8’, the Scottish Association for Classical Philosophy Reading Group, University of Edinburgh

May 2003
Taub, L. ‘Out of the hands of Zeus: characterising ancient meteorology’, Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

June 2003

July 2003
Co-convenor (with Duncan Robinson, Director of the Fitzwilliam Museum) of an international conference on ‘University Collections – Are they worth it?’, organised with support from CRASSH (the Centre for Research in the Arts, Social Sciences and the Humanities), the DCMS/Resource Designation Challenge Fund, and the University Museums Group
Deborah Thom

Publications

Articles in books

Articles in journals

In Press

Articles in books

Lectures and Conferences

August 2002
Thom, D. ‘Normalising the delinquent’, Birgittas forum (an international invited conference organised by the Institute for the Study of the Child, Limkopping, Sweden), Vadstena, Sweden

November 2002

January 2003
Thom, D. ‘Aggressive boys, wayward girls and punitive violence in England, 1900-1965’, Cultures of Violence (conference sponsored by CRASSH, University of Cambridge), St John’s College, Cambridge

March 2003
Thom, D. ‘History and masculinities’, Cambridge Gender Studies Symposium

June 2003

July 2003
Thom, D. ‘Constructing a narrative of women and war: the Imperial War Museum and photographs’, Women, War and Photography, Group for War and Culture Studies Research seminar series, University of Westminster

Jonathan Topham

Jonathan Topham was awarded an AHRB Innovation Award in 2002 for his project ‘Scientific Publishing and the Readership for Science in Early Nineteenth-Century Britain’. This has enabled him to employ a research assistant, Suzanne Paylor, to work with him during the current academic year in preparing a bibliographical and prosopographical database of early nineteenth-century science publishing, as the basis for a book on the subject. Dr Topham is also currently preparing the ‘Science in the Nineteenth-Century Periodical’ (SciPer) Index for web publication early in 2004.

Publications

Articles in journals
Topham, J.R. ‘Not thinking about science and religion’ (essay review), Minerva 40 (2002), 203-209

Reviews

In Press

Books

Articles in books

Articles in journals

Lectures and Conferences

February 2003
Topham, J.R. ‘Scientific publishing and the reading of science in early nineteenth-century Britain’, Texts, Readers and Reading Communities in 19th Century Britain seminar, Institute of English Studies, University of London

April 2003
Topham, J.R. ‘Popular science: users’, Popular Science workshop, Aarhus University, Denmark

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May 2003
Topham, J.R. ‘Taking scissors and paste to science: the Mirror of Literature and the invention of popular science’, Cabinet of Natural History seminar, Department of History and Philosophy of Science, University of Cambridge

July 2003
Topham, J.R. ‘The first puff of “the steam-engine”: science in the religious monthlies in early nineteenth-century Britain’, BSHS Annual Conference, York St John College, York
Topham, J.R. ‘John Limbird, Thomas Byerley, and the production of cheap periodicals in regency Britain’, Texts, Ma(r)kers, Markets conference, University of York

Karin Tybjerg

Publications

Reviews

In Press

Articles in books
Tybjerg, K. ‘The Mechanical Treatises of Hero of Alexandria’ in Geschichte der Mathematik und der Naturwissenschaften in der Antike, Band: Physik-Mechanik

Articles in journals

Reviews
Tybjerg, K. Review of S. Cuomo, Ancient Mathematics, in Journal of Roman Studies
Tybjerg, K. Review of J. Mansfeld, Prolegomena Mathematica: From Apollonius of Perga to the Late Neoplatonists, in Isis
Tybjerg, K. Review of Berggren and Jones, Ptolemy’s Geography, in BJHS
Eagleton, C., Tybjerg, K. and Vermeir, K.J. Review of P. Long, Openness, Secrecy and Authorship, in BJHS

Lectures and Conferences

November 2002
Tybjerg, K. ‘Filosofi med Maskiner: Heron af Alexandrias Mekaniske Afhandlinger’, Department of History of the Exact Sciences, Aarhus University

Paul White

Publications

Books

In Press

Articles in books

**Reviews**
White, P. ‘Desmond/Huxley: the hot-blooded historian’, *Studies in History and Philosophy of Science*

**Lectures and Conferences**

**November 2002**
White, P. ‘Of scientific character: the physiology of emotions and the emotions of physiology’, History of Science Society Annual Conference, Milwaukee

**January 2003**
White, P. ‘Acquired character: the (pre-genetic) material of the self-made man’, Workshop on the Cultural History of Heredity, Max-Planck Institut für Wissenschaftsgeschichte, Berlin

**April 2003**

**July 2003**
White, P. ‘One culture or two? The formation of science and literature in the Victorian period’, conference on ‘Science: Its Advocates and Adversaries’, Institute of Contemporary British History, London

**Nick Wilding**

In September 2003 Nick Wilding was appointed British Academy Post Doctoral Research Fellow.

**Lectures and Conferences**

**March 2003**
Wilding, N. ‘Publishing Kircher’s *Polygraphia*’, Conference for the 400th anniversary of Kircher’s birth, Athanasius Kircher (1602–1680), Jesuit und Universalgelehrter, Fulda, Germany

Wilding, N. ‘The state of writing’, Renaissance Society of America Annual Conference, Toronto, Canada

**July 2003**

**Frances Willmoth**

In April, Frances Willmoth’s job at Jesus College became full time. She is the Archivist, the Assistant to the Keeper of the Old Library and the Assistant to the Keeper of the Records.

**Sarah Wilmot**

In July 2003, Sarah Wilmot was awarded a three-year research grant by the Economic and Social Science Research Council for a project titled: ‘From public service to artificial insemination: animal breeding science in Britain c.1890-1951’. This will focus on the early history of one reproductive technology as it was shaped by the intersection of the social worlds of cattle breeding, science and government. Key players in this history include cattle breeders, members of the Evolution Committee of the Royal Society, the Animal Breeding Research Department at Edinburgh University and the Institute of Animal Nutrition at Cambridge.
Publications

Books

In Press

Articles in books

Articles in journals

Lectures and Conferences
October 2002
Wilmot, S. ‘Veterinarians, farm animals and public health scares in mid-Victorian Britain’, Veterinary History Society Annual Meeting, Rural History Centre, University of Reading

Eli Zahar

Publications

Books

Articles in books

Lectures and Conferences

December 2002
Zahar, E.G. ‘Métaphysique et induction’, Conférence Popper, Sorbonne, Paris

April 2003
Zahar, E.G. ‘Science and metaphysics’, University of Leeds
Seminar Programmes

Michaelmas Term 2002

Research Methods Seminars

These seminars on research methods and topics in history and philosophy of science are for all new graduate students. The seminars are held on the first two Thursdays of Michaelmas Term at 4pm in Seminar Room 2, with tea served from 3.45pm.

Each seminar will consist of short informal talks presenting research methodologies and areas, and introducing the Research Methods Guide on the HPS website at www.hps.cam.ac.uk/research. Organised by Marina Frasca-Spada and Nick Jardine.

10 October

1. Methods Chaired by Nick Jardine
Peter Lipton, Writing philosophy; Jim Secord, Writing history; Jill Whitelock, Libraries; Soraya de Chadarevian, Interviews; Patricia Fara, Illustrations; Liba Taub, Instruments

17 October

2. Topics Chaired by Jim Secord
Lauren Kassell, Medicine and magic; Tim Lewens, Philosophy of the life sciences; Helen Macdonald, Environmental history; Nick Jardine, Historiography; Marina Frasca-Spada, History of philosophy; Martin Kusch, Philosophy and the sociology of knowledge; John Forrester, The temptations of the academic researcher

How to Deal with Coursework

Advice for Part II students starting to tackle their Primary Source essays and Dissertations, on Friday 15 November at 4.15pm in Seminar Room 2, with tea and chocolate biscuits.

Peter Lipton, Writing philosophy; Jim Secord, What is analysis in a history essay?; Marina Frasca-Spada, Issues of time management

Departmental Seminars

Seminars meet at 4.30pm on Thursdays in Seminar Room 2, Department of History and Philosophy of Science. There is tea beforehand in Seminar Room 1 at 4pm. Organised by Simon Schaffer.

24 October

Charles Thorpe (University of Cardiff)
J. Robert Oppenheimer and the crisis of the American liberal intellectual

In 1954, the US Atomic Energy Commission branded physicist J. Robert Oppenheimer a security risk and excluded him from secret government work. The hearing made Oppenheimer into an icon of the beleaguered liberal intellectual in Cold War America. This paper examines how this symbolic role was manufactured for Oppenheimer and by him. As Oppenheimer worked to recreate his public identity in the wake of the hearing, he connected his individual fate with the more general cultural trajectory of the modern intellectual. He fashioned a tragic identity which then served as an index of cultural crisis.

31 October

Alison Winter (University of Chicago)
Seeing selves: mind, memory, and identity on film 1920-1962

The paper reconstructs the history of ‘truth techniques’ in the earlier twentieth century, focusing especially on notions of personal identity and the idea of a ‘truth serum’. As part of a social history of such techniques, the paper
examines the ways in which film was used in experimentation, medical training, and in popularisation; and asks how the medium of film made a difference by embodying and recording traces of mental phenomena and delivering them to new sites.

7 November    Kapil Raj (Ecole des Hautes Etudes en Sciences Sociales, Paris)
Intercultural encounters and European botanising in India in early modernity: Nicolas L’Empereur’s ‘Jardin de Lourixa’

Making inventories of local flora was crucial to European nations engaged in ever-expanding trade networks across the globe during the seventeenth and eighteenth centuries. A knowledge of plants and their uses was important not only for the introduction of new commodities into European markets, but also the maintenance of the health of the thousands of sailors and traders who found themselves in the hostile climes of the tropics. Voluminous herbals of Asian plants were prepared by the Portuguese, the Dutch, the English and the French. A recently rediscovered eighteenth-century herbal, containing more than seven hundred East Indian plants painted by indigenous artists, helps throw new light on the complex processes of the making and legitimation of this botanical and medical knowledge outside the metropolis. In particular, the talk will aim to show the crucial nature of the intercultural encounter in the way these knowledges were configured, as well as the tensions involved between metropolitan expectations and the exigencies of the field.

14 November   Stephen Gaukroger (University of Sydney)
The Scientific Revolution, modernity and the West

The Scientific Revolution initiated a type of scientific development that was anomalous compared with those we find in earlier cultures which had successful scientific traditions, such as those of classical and Alexandrian antiquity, ninth and tenth century Islam, and Sung and Ming dynasty China: science in these earlier cultures manifested a boom/bust pattern, whereas the Scientific Revolution initiated a pattern of uninterrupted and cumulative growth. One thing that distinguishes these earlier scientific developments from the Scientific Revolution is not only their apparent failure to consolidate scientific gains, but more importantly the fact that large-scale consolidation of the type we find in the Scientific Revolution was never part of their programme: the evidence indicates that the solution of a limited range of specific problems seems to have been the rule, and success in this enterprise usually brought an end to significant attention to scientific problems. The idea of large-scale consolidation is not something inherent in the scientific enterprise as such, but it is inherent in the kind of scientific enterprise that is established in the wake of the Scientific Revolution. The paper looks at some aspects of the question of how and why this aim arose, and how it was articulated in early-modern scientific practice.

21 November   Kitty Hauser (Clare Hall, Cambridge)
Archaeology and photography

Focusing on the interwar period in this country, this paper will consider the ways in which photography has been used by field archaeologists to document the landscape, including aerial photography. It will discuss how photography could document an otherwise hidden landscape marked by time, and the interest shown in such images by artists and writers.

28 November   Andy Pickering (University of Illinois at Urbana-Champaign)
Cybernetics as nomad science

In ‘One Thousand Plateaus’, Gilles Deleuze and Felix Guattari conceptualise the nomad as that which invades and upsets the stable order of the State, and they distinguish between ‘royal sciences’ as part of the State apparatus and ‘nomad sciences’ that are themselves antithetical to it. I think it makes sense to understand cybernetics as a nomad science, and in this talk I want to explore how far one can go with this idea, taking as my example the work of a group of English cyberneticians including Ross Ashby, Stafford Beer, Gordon Pask and Grey Walter that flourished from the late 1940s onwards.

5 December    Arnold Thackray (Chemical Heritage Foundation, Philadelphia)
Applied history of science: theory and practice

The nature and uses of the history of science changed markedly in the course of the twentieth century. Equally interesting are the differential changes in the subject in the UK and the US. This talk will give a personal view of the evolution of the field, and of where the most interesting challenges lie today.
History of Medicine

Seminars will take place on Tuesdays from 1.00 - 2.00pm in Seminar Room 1. Please feel free to bring your lunch.

History of Modern Medicine and Biology

Organised by Sarah Hodges and Soraya de Chadarevian.

15 October  David Arnold (SOAS, London)
Networks and novices: Joseph Hooker in Calcutta and the Himalayas, 1848-1850

29 October  Anne Secord (HPS, Cambridge)
Time and chance: temporal order, natural laws and artisan experience in early nineteenth-century England

5 November  Carsten Timmermann (CHSTM, Manchester)
Re-framing high blood pressure: the Platt-Pickering controversy and the risk factor approach to chronic disease, c. 1945-1970

12 November Maneesha Lal (Columbia University)
Of vitamins and veils: women physicians, transnational medical research and the framing of osteomalacia in late colonial India

26 November Mark Harrison (Wellcome Unit, Oxford)
Disease, empire and degeneration in early nineteenth-century Britain

Early Medicine and Natural Philosophy

Organised by Lauren Kassell.

22 October  Patrick Wallis (University of Nottingham)
Profit and practice: work, medicine and the ‘medical marketplace’ in early modern London

19 November Scott Mandelbrote (Peterhouse, Cambridge)
Seventeenth-century medical practice and the resurrection of Anne Green

3 December  Angus Gowland (Magdalene College, Cambridge)
European melancholy and the context of psychopathology, c. 1500-1700

Psychoanalysis and the Humanities

Seminars take place on alternate Wednesdays from 5.00 to 6.30pm in Seminar Room 1. Tea is served from 4.40pm. All welcome. Organised by Mary Jacobus and David Hillman.

16 October  Gillian Beer (Faculty of English, Cambridge)
Questioning the questioner: ‘Little Hans’, Wordsworth and ‘The Wolfman’

30 October  Sarah Kay (Faculty of Modern & Medieval Languages, Cambridge)
Zizek on representation

13 November Ruth Parkin-Gounelas (University of Saloniki)
What isn’t there in Margaret Atwood’s The Blind Assassin

27 November Parveen Adams (Brunel University)
Art as prosthesis: Cronenberg’s crash

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

All seminars start at 5.00pm in Seminar Room 1 on alternate Wednesdays. Tea is served before each seminar at 4.40pm. Organised by John Forrester and Deborah Thom.

23 October  Laura Cameron (Churchill College, Cambridge)
Experiments in freedom: science, nature and the Malting House School, Cambridge, 1924-29

6 November  David Healy (University of Wales College of Medicine)
Psychopharmacology and the government of the self
Stephen Frosh (Birkbeck College, London)
Hate, destructiveness and the other

Dylan Evans (University of Bath)
Lacan and twentieth-century science

Cabinet of Natural History

The seminar will meet on Mondays at 1pm in Seminar Room 1. You are most welcome to bring your lunch with you! For further information contact Sujit Sivasundaram.

Greg Radick (Unit of HPS, University of Leeds)
Eskimo words for ‘snow’, Vervet words for ‘predator’

Michael Taylor (National Museums of Scotland, Edinburgh)
The evangelical geologist and writer Hugh Miller: a Victorian hero reassessed

THE FUNGUS HUNT led by Nick Jardine

Andrew Cunningham (Department of HPS, Cambridge)
Anatomists, animals, and the making of comparative anatomy, 1650-1800

Helen Macdonald (Department of HPS, Cambridge)
‘Rock birds and beach blonds’: falcon trapping, falconry and bird banding on the East Coast of America, 1935-1965

Ralph O’Connor (Faculty of English, Cambridge)
‘Crunching the gristles of his dying prey’: geology as spectacular theatre in the treatises of Thomas Hawkins (1810-1889)

Nick Jardine and Anne Secord will lead a discussion of Anke te Heesen’s The World in a Box: The Story of an Eighteenth-Century Picture Encyclopedia (Chicago, 2002)

Ayako Sakurai (Department of HPS, Cambridge)
Frankfurt am Main, 1867: visiting a meeting of German naturalists and physicians

Saturday 7
ONE DAY WORKSHOP: Nature and Empire
Starting 10am in the Senior Parlour, Gonville and Caius College

Epistemology Reading Group

We will be reading articles from Epistemology: Internalism and Externalism, edited by Hilary Kornblith (Blackwell, 2001). The book is available in paperback and two copies are on reserve in the Whipple Library. Each meeting of the Group will focus on one article, with a member of the group offering a preliminary evaluation, followed by a general discussion. Meetings will take place on Thursdays at 2.00pm in Seminar Room 1 and are open to all. Organised by Peter Lipton.

Laurence BonJour, ‘Externalist Theories of Empirical Knowledge’
Alvin Goldman, ‘The Internalist Conception of Justification’
Barry Stroud, ‘Understanding Human Knowledge in General’
Ernest Sosa, ‘Reliabilism and Intellectual Virtue’
Richard Foley, ‘What Am I to Believe?’
Frederick Schmitt, ‘Epistemic Perspectivism’
Alvin Goldman, ‘Internalism Exposed’
Earl Conee and Richard Feldman, ‘Internalism Defended’

Gender and Science Reading Group

The Gender and Science Reading Group meets fortnightly 1-2pm on Thursdays in Seminar Room 2. Please feel free to bring your lunch. Copies of the readings are available on reserve in the Whipple Library (except where noted). Organised by Sarah Hodges.

Helen Blackman, ‘Would a female genius have a beard? An Edwardian gynaecologist’s attempt to define the feminine’, copy on file with Whipple Librarian

Jennifer Terry, An American Obsession: Science, Medicine and Homosexuality in Modern Society (University of Chicago Press, 1999) esp. Chapters 1, 3 and 9 (pp. 27-39; 74-119; 297-314), on reserve in the Whipple Library (Z1558)
History of Science Workshop

The History of Science Workshop is a seminar group devoted to peer discussion of ‘work in progress’ on the history and historiography of science. We meet on alternate Wednesdays at 1pm in Seminar Room 1. Papers are circulated by e-mail before each meeting (and a copy is left in Box File 30 in the Whipple Library). Please contact Jenny Downes if you are interested in giving a paper or adding your name to the e-mail list.

16 October Katie Eagleton (HPS, Cambridge)
Three men and a boat: John Dee, Oronce Fine, ‘S.F.’ and the navicula sundial in the 16th century

27 November Adelheid Voskuhl (Cornell University/Deutsches Museum, Munich)
Mechanical motion – free agency: on the construction and interpretation of automata in 18th century Europe

Philosophy Workshop

The PW is a fortnightly peer group seminar devoted to the discussion of on-going work by researchers in philosophy. Short papers will normally be circulated by e-mail one week in advance of each meeting, where the author will give a brief synopsis. The aim of the seminar is to provide a forum for informal, constructive interaction amongst those currently engaged in philosophical research. Meetings take place every other Wednesday at 1pm in Seminar Room 1, and are open to all researchers. For more information or to add your name to the list of e-mail recipients, contact Tim Lewens.

23 October Anandi Hattiangadi: A more successful semantics?
6 November Jan Westerhoff: The underdetermination of typings
20 November Axel Gelfert: Testimonial skepticism
4 December Neil Manson: Vats, rats and animats: can the brain occupy a virtual world?

Science and Literature Reading Group

The group will meet fortnightly, on Tuesday evenings at 8pm, in the Godwin Room at Clare College. After the meetings we usually go for a drink in the college bar. Everyone is welcome. Organised by Jim Endersby.

Imagining scientists: This term will be a continuation of our examination of the images of scientists in literature, taking it through the late nineteenth and into the twentieth century. However, everyone is welcome regardless of whether they came last term.

22 October Robert Louis Stevenson, ‘Dr Jekyll and Mr Hyde’ (1886)
5 November HG Wells, ‘Ann Veronica’ (1909)
3 December Tom Stoppard, ‘Arcadia’ (1993)

EPACTS

Early Physics, Astronomy, Cosmology and Technology Seminar

This term EPACTS will be reading and discussing a recent secondary source, Pamela Long’s Openness, Secrecy, Authorship: Technical Arts and the Culture of Knowledge from Antiquity to the Renaissance (Baltimore, 2001) [WL T.382]. The meetings will take place fortnightly on Wednesdays at 6pm in M4 New Court, Trinity College. Everyone is welcome. Organised by Adam Mosley.

23 October Introduction & Ch. 1, ‘Open Authorship within Ancient Traditions of Technne and Praxis’, pp. 1-45
Science and the Visual Reading Group

“Pleasure and the Visual”: For Michaelmas term, the Science and the Visual Reading Group will focus on “Pleasure”. Pleasure, we assume, is a crucial part of the visual cultures of natural, life and medical sciences. Readings and discussion will consider the historiographical relevance and use of visual pleasure – or pleasure in the visual – as an object and category of analysis.

The first meeting is on Friday 11 October, 11am-12noon in Seminar Room 2. Subsequent meetings are held fortnightly on Fridays, 1-2pm in Seminar Room 1. Following this meeting, we will discuss readings for subsequent weeks. Organised by Michael Bresalier, Tatjana Buklijas and Ayako Sakurai.

Medieval Science & Philosophy Reading Group

We will be reading ‘Questions on Book X of the Ethics’ by Albert the Great, in Volume Two: Ethics and Political Philosophy of the Cambridge Translations of Medieval Texts. The group will meet in L1 Great Court, Trinity College, at 1pm on Thursdays, and each session will consist of a discussion of a section of the text, introduced by one member of the group. The text is available in the philosophy section of Heffers. Everyone is welcome, and welcome to bring their lunch. Further information is available from David Chart.

Philosophy of Language Reading Group

We will be reading articles from the newly published Rule-Following and Meaning, edited by Alexander Miller and Crispin Wright (Acumen, 2002). The book should be available in paperback in the Philosophy section at Heffers, and a copy has been placed on reserve in the Whipple Library. Each meeting of the group will focus on one article, with a member of the group offering an informal presentation, followed by a general discussion. Since all the articles are responses to Kripke’s Wittgenstein on Rules and Private Language, it might be a good idea to have had a look at that too. Meetings will take place on Tuesdays 1–2pm in Room 7. All are welcome, and please feel free to bring your lunch. Organised by Mark Sprevak, Axel Gelfert and Christina McLeish.

Latin Therapy Group

We are a group of postgraduate historians of science (and some other disciplines) who have to read Latin sources as part of our research. The aim is general language practice for those whose Latin is rusty (or never got to the stage where it had the chance to rust!), and mutual help with translation of difficult passages. Members take turns to bring short extracts from the texts they are working on to the whole group; these are circulated several days before the meeting so that we can all have a shot at translating them and compare our results. We meet 3 - 4.30pm on Fridays in Seminar Room 1 starting 11 October. No text is too bizarre for us, whether classical, medieval or neo-Latin! Please contact Jenny Downes if you are interested in joining.
**Lent Term 2003**

**Departmental Seminars**

Seminars meet at 4.30pm on Thursdays in Seminar Room 2, Department of History and Philosophy of Science. There is tea beforehand in Seminar Room 1 at 4pm. Organised by Simon Schaffer.

16 January  **Jennifer Tucker (Wesleyan University)**  
Nature exposed: problems of trust in Victorian photography, 1860-1880

At first glance, it might be unclear how Victorian lantern slides and photographs of natural phenomena such as stars, electric sparks, geological strata, bacteria, and clouds could suggest anything about the period in which they were made, especially politics, gender, and everyday social life. What can such pictures – often blurry and unattributed – tell us about the complex forces of political and social change in Victorian England? Yet, as I hope to demonstrate, photographs like these were part of a colonial system of scientific exchange whose creation and transformation during the nineteenth century reveal a great deal about the nature of power and scientific authority in Europe during the age of industry and empire.

Recent scholarship has begun to question the broadly uncritical assumption of photographic truth that used to dominate historical literature – and that, to a great degree, still does. Yet despite growing appreciation among historians of the significance of colonialism, class transformation, and emerging sexual and racial ideologies for Victorian science, little attention has been paid to the significance of these forces in shaping social attitudes toward photography. This is especially true for photography in the Victorian physical and life sciences of astronomy, biology, meteorology, physiology, geology, and natural history. Unlike photography in anthropology and medicine, photographs of electric sparks, lightning, rocks, and fossils are rarely studied outside the domains of an elite intellectual history. As I will suggest, however, the politics of power and truth that conditioned the acceptance of photographs as ‘evidence’ were shaped by forces similar to those that produced other aspects of Victorian culture: from the doctrine of ‘separate spheres’ to the naturalization of sexual, racial, and class differences by reference to mental ‘traits’ to the creation of institutional relations between science and the state. It is to these broader forces that we must turn, I suggest, if we are to understand the power that photographs – especially scientific photographs – exercised in Victorian society.

23 January  **Mark Phillips (University of British Columbia)**  
Constructing historical distance

Historians have generally considered historical distance as a function of the interval between the events or experiences represented and the time of representation. On this view, distance seems relatively unproblematic: a matter of balancing losses of evidence against increased clarity and understanding. This view is harder to sustain when we consider that historical accounts not only receive but also construct distance. In this paper I will argue that the construction of historical distance is a central function of all historical accounts and one that operates on a variety of levels; more specifically, it should be seen as a combination of formal, affective, ideological, and cognitive distances. Thinking about distance as a complex balance of this sort provides a useful approach to individual texts, but also some possible tools for thinking about schools, genres, or media of historical representation and their changes over time.

30 January  **Rupert Read (University of East Anglia)**  
Kuhn: a Wittgenstein of the sciences?

I will argue (1) that Kuhn’s notorious ‘world changes’ remarks are perfectly reasonable and Wittgensteinian, and (2) that what Kuhn is most essentially doing throughout his philosophical work is, as Wittgenstein put it, asking us to give up the fantasy that our concepts are ‘absolutely the correct concepts’. I will suggest, further and in sum, that (3) Kuhn can be read with profit as an important part a ‘therapeutic’ philosopher, as Wittgenstein should be read. I will also, however, urge (4) that Kuhn does not succeed in maintaining a philosophical identity, despite his strenuous efforts, because he is also caught up with the fantasy of being a scientist of science.
6 February  **Steven Johnston (Museum of the History of Science, Oxford)**  
Copernicus and the lodestone: mathematics, magnetism and astronomy in Elizabethan England

In his recent biography Latitude and the Magnetic Earth, Stephen Pumfrey has argued that William Gilbert was a unique Copernican. Rather than founding his cosmology on a commitment to mathematics – as did most early Copernicans – Gilbert arrived at heliocentrism through his new natural philosophy of the lodestone. This paper uses the work of his contemporary Thomas Digges to re-examine Gilbert’s use of mathematics in De magnete (1600). Digges published on both magnetism and Copernican astronomy in the 1570s and I argue that his mathematical programme requires a redefinition of the character of English magnetic culture and of Gilbert’s place within it.

13 February  **Rae Langton (University of Edinburgh)**  
Phenomenal force

As a philosopher, Kant denies knowledge of things in themselves. As a physical theorist, he affirms that matter is constituted by relational forces. Putting these together, phenomena are constituted by relational forces. This has significant implications for Kant’s philosophy, and his theory of matter.

20 February  **Andreas Mayer (Max Planck Institute, Berlin)**  
Walking experiments? From the laboratory to the field and back again

In 1883, the French physiologist Etienne-Jules Marey gave a rather ambiguous account of the progress of his own discipline. In his view, to confine physiological experimentation to closed and controlled spaces such as laboratories and to the vivisection of animals was not merely a success strategy, but also created serious obstacles to the study of the life functions of higher organisms. Marey’s complaint was part of his plea for another type of laboratory that he had set up with his new ‘Physiological Station’ in the open air and that should allow the physiologist ‘to observe nature in its own domain’. With this new site, the study of human and animal locomotion moved from the closed space of the tiny laboratory at the Collège de France to the outskirts of Paris, following the example of the field sciences (such as agriculture, botany, or oceanography). In my paper, I will argue that Marey’s new site of experimentation constituted a particular solution to the general problems of scientists who chose to study human and animal locomotion, an object that was both of scientific and political interest during the nineteenth century. These problems will be shown to be relevant in other cases from German and French research on walking bodies.

27 February  **Jose Zalabardo (University College London)**  
Wittgenstein on accord

I discuss the interpretation of Wittgenstein’s views on the power of occurrent mental states to sort objects or states of affairs as in accord or in conflict with them, as presented in the rule-following passages of the ‘Philosophical Investigations’. I argue first that the readings advanced by Saul Kripke and John McDowell fail to provide a satisfactory account of Wittgenstein’s treatment of a platonist approach to this phenomenon, according to which the sorting power of occurrent mental states is to be explained by reference to the mind’s ability to grasp universals. I contend that the argument that Kripke extracts from Wittgenstein’s discussion doesn’t succeed in undermining the platonist position. Then I argue that McDowell’s reading exhibits a more serious shortcoming: the position that he ascribes to Wittgenstein is indistinguishable from the Platonist account. Then I put forward a proposal as to how to articulate the relationship between Wittgenstein’s views and the platonist position.

6 March  **Joan Richards (Brown University)**  
‘The very verge of paradox’: the worlds of Augustus De Morgan and William Frend, 1827-1841

Augustus De Morgan and William Frend first met in 1827. At the time, De Morgan was 21, and Frend was 70. In the years that followed the two men became the best of friends, evidently joined by their religious non-conformity, their love for mathematics, their fascination with astronomy and, in 1837, De Morgan’s marriage to Frend’s oldest daughter. Excluding for the moment De Morgan’s marriage, however, a closer look at Frend and De Morgan reveals a yawning generational chasm behind their apparent agreements, an unbridgeable gap that essentially separated them. The paper will consider the paradoxically incommensurable worlds of the aging Georgian and the up and coming Victorian as a guide to the historical forces that shaped science in early Victorian England.
13 March  John Harley Warner (Yale University)
Aesthetics, identity, and the grounding of modern medicine

During the past two decades, our understanding of the shaping of modern medicine has been transformed by relentlessly situating cognitive and social change and choice within the marketplace. Yet, in the growing historiographic preoccupation with the performative character of medicine there is some risk of reducing aesthetic choices to mere show, whereas I want to suggest that they were constitutive elements of medical culture and crucial to constructions of self. In this talk I focus on just two late-nineteenth- and early-twentieth-century documentations of medical work that were not produced chiefly for lay public display: the hospital patient record and dissection-room photographic portraiture. These quasi-covert genres of representation incorporated aesthetic choices at the same time that they expressed epistemological and moral values. Neither was created for open scrutiny in the wider marketplace, but both, I will argue, were important in telling medical students and practitioners who they were in ways that anchored their identities as practitioners of ‘modern medicine’.

History of Medicine

Seminars will take place on Tuesdays from 1.00 - 2.00pm in Seminar Room 1. Please feel free to bring your lunch.

History of Modern Medicine and Biology

Organised by Sarah Hodges and Soraya de Chadarevian.

21 January  Richard Smith (Cambridge Group for the History of Population and Social Structure)
Making sense of the modern rise of adult longevity and maximal life extent after 1700

4 February  Tatjana Buklijas (HPS, Cambridge)
Imperial bodies: supplying Viennese anatomy after 1848

18 February  Michael Worboys (University of Manchester)
Bacteriology and the unsexing of disease: gonorrhoea in Britain, 1860-1920

4 March  Kim Taylor (Needham Research Institute and HPS, Cambridge)
Wu Liande and the control of cholera in Early Republican China, 1911-1937

Early Medicine and Natural Philosophy

Organised by Lauren Kassell.

28 January  Bettina Bildhauer (Emmanuel College, Cambridge)
‘Life depends on blood’: blood and the conception of the human being in medieval German medical texts

11 February  Peter Foreshaw (Birkbeck College, University of London)
From kidney stones to philosophers’ stone: alchemy and medicine in the works of Heinrich Khunrath of Leipzig (1569-1605)

25 February  Penelope Gouk (University of Manchester)
Harmony and healing: music’s role in Paracelsian medicine

11 March  Louella Vaughan (Oriel College, Oxford)
‘Some observations on poisons’: myths and medical meaning in the Early Modern period

Psychoanalysis and the Humanities

Seminars take place on alternate Wednesdays at 5.00pm in Seminar Room 2. Tea is served from 4.40pm. All welcome. Organised by Mary Jacobus and David Hillman.

22 January  Elizabeth Cowie (University of Kent)
The cinematic dream-work of Ingmar Bergman’s Wild Strawberries (1957)

5 February  Mark Cousins  (Architectural Association)
The insistence of the image: Hitchcock’s Vertigo and psychoanalysis

19 February  Anne Alvarez (Tavistock Institute; Practising Psychoanalyst)
Imagining reality

5 March  Trudi Tate (Clare Hall, Cambridge)
The writing of trauma: Australian Vietnam veterans
Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences
All seminars are at 5.00pm in Seminar Room 2 on alternate Wednesdays. Tea is served before each seminar at 4.40pm. Organised by John Forrester and Deborah Thom.

29 January  Martin Richards (Centre for Family Research, Cambridge)
  The first experiment in selective breeding of the eugenic era: stirpiculture at the Oneida Community, 1869-1879

12 February  John Burnham (Ohio State University)
  The history of the psychiatric couch cartoon

26 February  Andreas Mayer (Max Planck Institute, Berlin)
  Psychoanalysis and pastoral care: Jung, Pfister and the case of ‘Mrs F.’

12 March  Gerard Duveen (Social and Political Sciences, Cambridge)
  Piaget and Freud

Cabinet of Natural History

The seminar will meet on Mondays at 1pm in Seminar Room 1. You are most welcome to bring your lunch with you! For further information contact Sujit Sivasundaram.

20 January  Helen Blackman (HPS, Cambridge)
  Pride goes after a fall: the Cambridge School of Zoology and the death of Frank Balfour

27 January  Ruth Richardson (author of Death, Dissection and the Destitute)
  Edwin Chadwick’s reputation

3 February  Elizabeth Green Musselman (Southwestern University)
  Wandering and settling: a paradox of imperial natural history?

10 February  Janina Wellman (Max Planck Institute, Berlin)
  Soldiers, artists and butterflies: nature as sequence

17 February  Ed Russell (University of Virginia)
  Let slip the dogs of yore: key words and canine breeding in nineteenth-century Britain

24 February  Alex Marr (New College, University of Oxford)
  A Wiltshire Wunderkammer: William Beckford’s romantic natural history

3 March  David N. Livingstone (Queen’s University, Belfast)
  Public events and the fortunes of evolutionary theory in the Calvinist cultures of Scotland and Ulster

10 March  FENS TRIP led by Frances Willmoth

Epistemology Reading Group

Even though it fell stillborn from the presses, we will be reading A Treatise of Human Nature, Book I, by David Hume. Each meeting of the group will focus on one segment of the text, with a member of the group offering a preliminary presentation, followed by a general discussion. Meetings will take place on Thursdays at 2.00pm in Seminar Room 1 and are open to all. Organised by Peter Lipton.

16 January  Part 1

23 January  Part 2

30 January  Part 3, Sections 1-6

6 February  Part 3, Sections 7-10

13 February  Part 3, Sections 11-13

20 February  Part 3, Sections 14-16

27 February  Part 4, Sections 1,2

6 March  Part 4, Sections 3-7

History of Science Workshop

The History of Science Workshop is a seminar group devoted to peer discussion of ‘work in progress’ on the history and historiography of science, for example PhD chapters, dissertations, or articles intended for publication. The seminar aims to provide an informal arena for the exchange of ideas among students of the history of science in HPS and elsewhere. We meet on alternate Wednesdays at 1pm in Seminar Room 1. Papers are circulated by
e-mail before each meeting (and a copy is left in Box File 30 in the Whipple Library). Please contact Jenny Downes if you are interested in giving a paper (new PhD students welcome) or adding your name to the e-mail list.

22 January  Mioara Deac (University of Notre Dame)
Looking into a darkened window: psychology, ideas of the afterlife, and ‘the inner eye of the Victorians’, England, 1850-1900

5 February  James Navarro (HPS, Cambridge)
Atomism in late Victorian Cambridge: J.J. Thomson on corpuscles

19 February  Tatjana Buklijas (HPS, Cambridge)
Dissection in medical education at Vienna University, 1848-1914

5 March  Helen Macdonald (HPS, Cambridge)
(title to be arranged)

Philosophy Workshop

The PW is a fortnightly peer group seminar devoted to the discussion of on-going work by researchers in philosophy. Short papers will normally be circulated by e-mail one week in advance of each meeting, where the author will give a brief synopsis. The aim of the seminar is to provide a forum for informal, constructive interaction amongst those currently engaged in philosophical research. Meetings take place every other Wednesday at 1pm in Seminar Room 1, and are open to all researchers. For more information or to add your name to the list of e-mail recipients, contact Tim Lewens.

29 January  Ben Cockayne: Against trumping and influence
12 February  Mark Sprevak: Fodor vs. inferential role semantics: a draw
26 February  Tim Lewens: Natural inequalities and norms of reaction
12 March  Christina McLeish: Epistemological constraints on reference for realism

Science and Literature Reading Group

The group meets fortnightly on Tuesdays at 8pm in the upstairs seminar room at Darwin College. (Please note: this is a different venue from the last few terms!) The discussion finishes at around 10pm and is usually followed by a drink in the college bar. Everyone is welcome. Organised by Jim Endersby.

Science and Literature in the Nineteenth Century: We will be reading most of Literature and Science in the Nineteenth Century – An Anthology, edited by Laura Otis (Oxford University Press). The book includes extracts from a wide range of nineteenth-century texts in both literature and the sciences and is fairly cheap (£9.99). Copies will also be available in the Whipple Library.

21 January  ‘Prologue: Literature And Science’ and Section 1: ‘Mathematics, Physical Science, and Technology’
4 February  Section 2: ‘Sciences of the Body’
18 February  Section 4: ‘Sciences of the Mind’
4 March  Section 5: ‘Social Sciences’

Medieval Science & Philosophy Reading Group

We will be reading two works by Averroës, the De Substantia Orbis and the Decisive Treatise. De Substantia Orbis, which we will read first, is out of print, but there is a copy on reserve in the Whipple Library. There is also a copy in the UL, but I am using that one, so please do not recall it. The Decisive Treatise is in print in a parallel text edition from Brigham Young University Press, and is available in Heffers, in the Arabic section (upstairs on the left, towards the back). The group will meet in L1 Great Court, Trinity College, at 1pm on Thursdays, and each session will consist of a discussion of a section of the text, introduced by one member of the group. Everyone is welcome, and welcome to bring their lunch. Further information is available from David Chart.
EPACTS

*Early Physics, Astronomy, Cosmology and Technology Seminar*
This term we shall be reading and discussing the *Astronomica of Manilius*, in the widely available Loeb edition and translation by G. P. Goold [WL U.215]. The meetings will take place fortnightly on Wednesdays at 6pm in M4 New Court, Trinity College. Everyone is welcome. Organised by Adam Mosley.

**Science and the Visual Reading Group**

The Science and the Visual Reading Group meets fortnightly on Fridays at 1pm in Seminar Room 1. This term’s topic is collecting. Copies of the readings are deposited in the Science and Visual Reading Group Box in the Whipple Library one week in advance of each meeting. All are welcome. Feel free to bring your lunch! Organised by Michael Bresalier, Tatjana Buklijas and Ayako Sakurai.

17 January The Order of Things
31 January On Objects and Collecting
14 February Genealogy of Collecting I:
28 February Genealogy of Collecting II:
14 March Ethnographical Collections

**Philosophy of Language Reading Group**

We will be reading *Spreading the Word* by Simon Blackburn (Oxford University Press, 1984). The book was written so as to be accessible to a wide audience. It should be available in paperback in the Philosophy section at Heffers, and a copy has been placed on reserve in the Whipple Library (M649). Each meeting of the group will focus on one chapter, with a member of the group offering an informal presentation, followed by a general discussion. Meetings will take place on Mondays 1–2pm in Seminar Room 2. All are welcome, and please feel free to bring your lunch. Organised by Mark Sprevak, Axel Gelfert and Christina McLeish.

20 January Chapter 1, ‘The Shape of the Problems’
27 January Chapter 2, ‘How is Meaning Possible? (1)’
3 February Chapter 3, ‘How is Meaning Possible? (2)’
10 February Chapter 4, ‘Conventions, Intentions, Thoughts’
17 February Chapter 5, ‘Realism and Variations’
24 February Chapter 6, ‘Evaluations, Projections, and Quasi-Realism’
3 March Chapter 7, ‘Correspondence, Coherence, and Pragmatism’
10 March Chapter 8, ‘Truth and Semantics’

**Latin Therapy Group**

We are a group of postgraduate historians of science (and some other disciplines) who have to read Latin sources as part of our research. The aim is general language practice for those whose Latin is rusty (or never got to the stage where it had the chance to rust!), and mutual help with translation of difficult passages. Members take turns to bring short extracts from the texts they are working on to the whole group; these are circulated several days before the meeting so that we can all have a shot at translating them and compare our results. We meet 4.00 - 5.30pm on Fridays in Seminar Room 2. No text is too bizarre for us, whether classical, medieval or neo-Latin! Please contact Jenny Downes if you are interested in joining.
Easter Term 2003

Eighth Annual Hans Rausing Lecture

David Edgerton (Imperial College, London)
Putting the military back in: warfare states, technology and science in the twentieth century
Thursday 22 May at 4.30pm, The Old Labs, Newnham College, Cambridge

Departmental Seminars

Unless otherwise stated, seminars meet at 4.30pm on Thursdays in Seminar Room 2, Department of History and Philosophy of Science. There is tea beforehand in Seminar Room 1 at 4pm. Organised by Simon Schaffer.

24 April Marina Frasca-Spada (University of Cambridge)
Belief and animal spirits in Hume’s ‘Treatise’

The terminology Hume uses for his descriptions of the sentiments characterising belief – the ‘force’, ‘vivacity’ and ‘steadiness’ of conception – is derived from the contemporary physiology of animal spirits and brain traces in the style of Malebranche. In this paper I show how studying the ways those terms were used within Malebranchian physiology provides a key to Hume’s usage. In particular, I suggest that as in the accounts of the motions of animal spirits so too in Hume’s descriptions of belief there is a crucial difference between ‘force’ and ‘vivacity’, which refer to intensity, and ‘steadiness’, which is connected with repeated experience and custom. Hume’s phenomenological descriptions of belief in terms of force and vivacity are substantiated with vignettes from common life and sociability, and account for the sentimental raw materials of belief on which experience and custom exercise their stabilizing and calibrating action.

1 May Anna-Katherina Mayer (University of Cambridge)
History of science and ‘the end of ideology’

The Cambridge historian Herbert Butterfield combined a stellar academic career with a broader commitment to a more general educational mission, attempting to shape post-war culture by disseminating his outlook through the airwaves and through bodies like the Historical Association, the leading organization of teachers of history in Britain. One of the very few British historians of his era to take a serious interest in the history of science, he helped secure the field a place on the academic map, and more than that, he worked tirelessly to put it on a much larger map, bringing the history of science to the attention of radio audiences and teachers in secondary schools. History, he assumed, was an ideal conductor for scientific acculturation.

Butterfield’s generation of science historians moulded perception of science in highly specific ways. Whereas in the 1930s attempts had been made to explain innovation in socio-economic terms, in post-war historiography the birth of modern science was portrayed as an intellectual revolution. Anti-Marxism formed a defining feature of the process by which this idealist image of scientific work as a disinterested journey of the mind was institutionalized. Nowhere does this silent conversation with Marxism come out more clearly than in the way in which young historians and their potential as teachers of the nation became assessed at this time. I will show on a number of examples that rather than spelling the end of ideology, appointments processes in the early Cold War years reveal disagreement about what science was to be invariably coextensive with dissent about social and political order.

8 May Patrick Curry (Bath Spa University College)
Astrologia Rediviva

The scholarly study of astrology has recently re-entered British universities after an absence of more than three centuries. Patrick Curry will outline how he approaches the subject in that context, principally through the ideas of Max Weber concerning the rationalisation and hence the disenchantment of the world. This starting-point offers a coherent way through which to understand the key historical interactions of astrology with what have long been the dominant discourses of its ideological environment, namely Christianity, natural philosophy and modern science.
15 May  Denis McManus (University of Southampton)
Heidegger, intelligibility and objectivity

The paper will present a reading of Heidegger’s early ‘Fundamental Ontology’, focusing on the explanatory/descriptive aims of that project. In doing so, I will explore a possible reconceptualisation of the contribution made by human practice to the constitution of objects of scientific study, and of where, when and how an awareness of that contribution may lead us to describe some of these findings as ‘artefactual’ or, in some sense, ‘subjective’. The paper will make some tentative suggestions about how these concerns might relate to Heidegger’s discussion of ‘authenticity’ and ‘conscience’.

29 May  Matteo Mameli (London School of Economics)
Rethinking heredity

Fifty years ago, in Cambridge, Watson and Crick discovered the double-helical structure of DNA. It was an important discovery, which led to many other successes in molecular genetics. But the combination of that discovery with some powerful and entrenched (but mistaken) folk-hereditarian ideas generated the DNA-based view of heredity. This paper argues that many recent findings from developmental biology and some considerations about the causal role of DNA tell us that we should abandon the DNA-based view of heredity. And it argues that we should abandon it both when we are thinking about the inheritance of traits (i.e. in the context of developmental biology) and when we are thinking about the inheritance of differences (i.e. in the context of natural selection theory). There is more to heredity than DNA transmission. The intergenerational stability of phenotypic traits requires the intergenerational stability of both genetic and nongenetic developmental factors. And the intergenerational stability of phenotypic differences can be due to the intergenerational stability of both genetic and nongenetic differences. This means that many (but not all) nongenetic developmental factors should be conceived of as inherited. By adopting this ‘extended’ (but not holistic) view of heredity, we can achieve a better understanding of developmental and evolutionary processes and, thereby, a better understanding of life and of ourselves.

5 June  James Delbourgo (McGill University)
How to handle an electric eel: experimental natural history in the Americas

In the eighteenth century, naturalists struggled, physically and intellectually, to handle an intriguing yet dangerous curiosity that had recently come to their attention: electrical fish. Torporific or numb-eels had been known since antiquity, but their electrical nature was not recognized before the Enlightenment. Rediscovered after 1750, these creatures ultimately provided organic models for the artificial generation of electric current, as established by the invention of the Voltaic Pile in 1800. Rather than recount the history of that well-known research programme, however – one centred around experiments on the Torpedo fish conducted in Europe – this paper investigates the lesser-known history of the Torpedo’s American cousin: the electric eel, or Gymnotus electricus. Interest in electrical fish in Britain was catalyzed by the work of Edward Bancroft, a Massachusetts physician living in Dutch Guiana, who came to London as a friend of Benjamin Franklin, and became a Fellow of the Royal Society and American political agent (and later a British spy). This paper explores three issues raised by Bancroft’s Natural History of Guiana (1769): the practice of an ‘experimental natural history’ using the human body as an instrument simultaneously to construct natural-historical and philosophical knowledge of the eel’s electrical nature; the colonial social relations in Dutch Guiana (Surinam) which made this knowledge possible, particularly the role of indigenous expertise; and the circulation of this knowledge around the Atlantic world, from Guiana to the eastern seaboard of British America, and finally to London.

12 June  Evelleen Richards (University of Sydney)
The making of sexual selection, or, a gentleman’s guide to choosing a proper mate and breeding a better race

Charles Darwin’s concept of sexual selection played a vital, if subsidiary role in his theory of evolution. It was crucial to his defence of his primary mechanism of natural selection against the established theory of special creation, and, even more importantly to his interpretation of human biological and social evolution. In his ‘Descent of Man; or Selection in Relation to Sex’ of 1871, Darwin argued that sexual selection was primarily responsible for human racial and sexual differences, not just physical differences, but what he called differences in the ‘mental powers’, i.e. emotional, intellectual and moral differences. It was this insistence by Darwin on the biological basis of these presumed intellectual and moral differences as the raw material on which natural and sexual selection might operate that made his work so vulnerable to the play of political and ideological forces. Darwinism was central to the scientific racism that dominated late-Victorian anthropological and social theory, and it also played a
leading role in subverting the liberal egalitarian roots and aspirations of nineteenth century middle-class feminism. Darwin himself made specific contributions to this scientific ratification of Victorian assumptions of white, middle-class male supremacy. This paper retraces Darwin’s path to sexual selection from his notebook references and constructions of the 1830s and 40s, and analyses his major sources in the contexts of the democratic politics and doctrines of self-development of the radical anatomists of the early nineteenth century; of contemporary attitudes to relations between the sexes, to female sexuality and educability and to issues of class and racial progress, and to the activities and interests of animal breeders or ‘improvers’.

30 June, 5pm  
**Steven Shapin (University of California, San Diego)**  
Aristotle and the industries: the scientist and the organization in twentieth-century America

William H. Whyte’s ‘The organization man’ (1956) was one of the more influential post-World War II condemnations of the effects that large-scale organization, and especially industrial organization, was having on the possibilities of American scientific creativity and technological innovation. Whyte was a journalist, but the sentiments of his book resonated with Robert Merton’s identification of ‘the scientific ethos’ and related academic appreciations of the nature of science and the social conditions required for its successful prosecution. I want to compare these sentiments with views of organized science emerging from commentators closer to ‘shop-floor’ realities, especially from American industrial research managers in the period from circa 1900 to circa 1960. What did they mean when they said that scientific work could and should be organized into ‘teams’, that it could and should be planned, and that the industrial scientist ought to display the social virtues? What did they think science was, such that it could be so planned and organized? And who did they think the scientist was, such that he ought to be a ‘team player’. What’s at issue here is, inter alia, contrasting views of the nature of knowledge, the knower, and the means by which knowers make knowledge in late modernity.

**Psychoanalysis and the Humanities**

Seminars take place on alternate Wednesdays at 5pm in Seminar Room 1. Tea is served from 4.40pm. All welcome. Organised by Mary Jacobus and David Hillman.

30 April  
**Michael Brearley (British Psychoanalytic Society)**  
The psychoanalyst’s neutrality: cold or containing?

14 May  
**Victor Burgin (Goldsmith’s College, University of London)**  
Mies in Maurelia

28 May  
**Victoria Stevens (Los Angeles Psychoanalytic Institute)**  
What is the speed of dark: schooling the unconscious imagination

**Psy Studies**

*History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences*

**Ruth Harris (New College, Oxford)**

Unconscious and Catholicism in France, 1860-1910

Wednesday 21 May at 5pm in Seminar Room 1 (with tea served from 4.40pm)

**History of Modern Medicine**

**Laura Chazaro (HPS and El Colegio de Michoacan)**

Making room for medical instruments: pelvimeters and forceps in nineteenth-century Mexico

Tuesday 20 May, 1-2pm in Seminar Room 1

This session will differ slightly from our usual format. The paper will be available one week beforehand (contact Sarah Hodges) and Dr Chazaro will kick off the hour with a few words situating the paper within her larger project. We will then spend the remainder of the hour discussing the pre-circulated text. All welcome.
Cabinet of Natural History

The seminar will meet on Mondays at 1pm in Seminar Room 1. You are most welcome to bring your lunch with you! For further information contact Sujit Sivasundaram.

28 April  Chien-Hui Li (Wolfson College, Cambridge)  Mobilizing religion in the anti-vivisection movement in Britain, 1875-1914
12 May  Julia Voss (Max Planck Institute for the History of Science, Berlin)  Darwin the formalist: the sequence of the Argus pheasant’s feather in Descent of Man
19 May  Jonathan Topham (University of Leeds)  Taking scissors and paste to nature: the ‘Mirror of Literature’ (1822-49) and the invention of popular science
26 May  Liba Taub (HPS, Cambridge)  Out of the hands of Zeus: characterising ancient meteorology
2 June  Judith Green (King’s College, Cambridge)  Collecting China: types and taxonomies
9 June  CABINET GARDEN PARTY  12noon in King’s College Fellows’ Garden, Queens’ Road; with a short talk:  Sujit Sivasundaram (Gonville and Caius College, Cambridge)  Captive elephants, the East India Company’s army and anthropomorphism

Epistemology Reading Group

We will be reading Hilary Putnam’s Reason, Truth and History (CUP, 1981). The book is available in paperback from the CUP bookshop, and two copies are on reserve in the Whipple Library. Each meeting of the group will focus on one chapter, with a member of the group offering a preliminary evaluation, followed by a general discussion. Meetings will take place on Thursdays at 2pm in Seminar Room 1 (except the meeting on 8 May, which will be in Seminar Room 2) and are open to all. Organised by Peter Lipton.

24 April  ‘Brains in a Vat’  29 May  ‘Fact and Value’
1 May  ‘A Problem about Reference’  5 June  ‘Reason and History’
8 May  ‘Two Philosophical Perspectives’  12 June  ‘The Impact of Science on Modern Conceptions of Rationality’
15 May  ‘Mind and Body’
22 May  ‘Two Conceptions of Rationality’  19 June  ‘Values, Facts and Cognition’

Environmental History Reading Group

The Environmental History Reading Group meets on Tuesdays at 3.00pm in Seminar Room 2. Copies of readings are available in the Whipple Library. Everyone is welcome. Organised by Edmund Russell. This term we are featuring two works that won prizes in 2003 from the American Society for Environmental History.

3 June  Timo Myllyntaus and Mikko Saikku, Encountering the Past in Nature: Essays in Environmental History (Athens: Ohio University Press, 2001). Selected portion will be placed on reserve at Whipple when our ordered copy of the book arrives

History of Science Workshop

The History of Science Workshop is a seminar group devoted to peer discussion of ‘work in progress’ on the history and historiography of science. We meet on alternate Wednesdays at 1pm in Seminar Room 1. Papers are circulated by e-mail before each meeting, and a copy is left in Box File 30 in the Whipple Library. Please contact Katherine Angel if you would like to give a paper or add your name to the e-mail list.
Philosophy Workshop

The PW is a fortnightly peer group seminar devoted to the discussion of on-going work by researchers in philosophy. Meetings take place every other Wednesday at 1pm in Seminar Room 1, and are open to all researchers. For more information or to add your name to the list of e-mail recipients, contact Tim Lewens.

Science and Literature Reading Group

The group will continue to meet fortnightly, but we are changing the day and time to Wednesday evenings at 7.30pm, in the upstairs seminar room at Darwin College. After the meetings we usually go for a drink in the college bar. Everyone is welcome. Organised by Jim Endersby.

This term we will be reading a series of critical essays that deal with some of the more theoretical aspects of reading and writing science and literature. A collection of these – for which there will be a small charge – will be available from Jim Endersby at the start of term.

Science and the Visual Reading Group

This term we discuss ‘Science and Cinema’. Meetings are every other Friday, starting 25 April, at 1pm in Seminar Room 1. Readings are available for photocopying in the Science and the Visual Reading Group box in the Whipple Library. We’ll also have a special screening of Fritz Lang’s Metropolis on Sunday 1 June at 5.30pm in the Anthony Low Building, Clare Hall. All are welcome. Feel free to bring your lunch. Organised by Michael Bresalier, Tatjana Buklijas and Ayako Sakurai.

Medieval Science & Philosophy Reading Group

We will be reading selections from The Cambridge Translations of Medieval Philosophical Texts Volume Three: Mind and Knowledge. This book is available in paperback from the CUP shop, and there is a copy on reserve in the Whipple Library. The selections are concerned primarily with the nature of the objects of knowledge. The group will meet in L1 Great Court, Trinity College at 1pm on Thursdays, and each session will consist of a discussion of a section of the text, introduced by one member of the group. Everyone is welcome, and welcome to bring their lunch. Further information is available from David Chart.

EPACTS

Early Physics, Astronomy, Cosmology and Technology Seminar

This term, EPACTS will be discussing two primary sources. The first of these, Girolamo Cardano’s De Vita Propria Liber (The Book of My Life), translated by Jean Stoner, is available in several libraries around Cambridge; a new edition, with an introduction by Anthony Grafton, has recently been published by the New York Review of Books and is available at a reasonable price from both Amazon and Blackwells. The second source is Polydore Vergil’s De Inventoribus Rerum (On Discovery), as translated by Brian Copenhaver in the I Tatti Renaissance Library series. This is also available to buy, and hopefully will be in the Whipple by the time we come to read it. All of the meetings will take place fortnightly on Wednesdays at 6pm in M4 New Court, Trinity College. Everyone is welcome. Organised by Adam Mosley.
Philosophy of Language Reading Group

We will be reading papers from Hartry Field’s collection *Truth and the Absence of Fact* (Oxford University Press, 2001). Hartry Field has kindly agreed to join the group for a Q&A session at the end of term. His book is available in paperback in the Philosophy section at Heffers, and a copy has been placed on reserve in the Whipple Library (M1341). Some cheap copies have also occasionally been seen in Galloway and Porter. Each meeting of the group will focus on one paper, with a member of the group offering an informal presentation, followed by a general discussion. Meetings will take place on Mondays 1–2pm in Seminar Room 2. All are welcome, and please feel free to bring your lunch. Organised by Mark Sprevak, Axel Gelfert and Christina McLeish.

Latin Therapy Group

We meet 4.00-5.30pm on Fridays in Seminar Room 1, starting on the first Friday of full term (25 April). Coffee, tea and biscuits are provided for refreshment and mental stimulation. No text is too bizarre for us, whether classical, medieval or neo-Latin! Please contact Jenny Downes if you are interested in joining.

Cover picture: Detail of a replica of Watson and Crick’s 1953 DNA model, constructed by the MRC Laboratory of Molecular Biology, Cambridge for the Whipple Museum exhibition ‘Representations of the Double Helix’, curated by Soraya de Chadarevian and Harmke Kamminga. Photograph by David Thompson.