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Cover photograph: books being reclassified in the Whipple Library

The Department

Introduction

It is with great sadness that we welcome you to view the 2006-07 Annual Report. As we go to press we record the tragic and terrible sudden death, on 25 November 2007, of Professor Peter Lipton who was the first Hans Rausing Professor of History and Philosophy of Science, and our Head of Department for over 10 years. Peter led the Department from the front, and as is evident from the condolences we have received for him, he enriched the lives of everyone who came into contact with him. There will be a formal tribute to Peter next year; in the meantime we are coming to terms with our loss and are trying to carry on as best we can. John Forrester has stepped into the breach and will be Head of Department for the foreseeable future. We are very grateful to John for taking up this task under these distressing circumstances.

As ever 2006-07 was a highly productive year, and you will see the evidence of this as you read through this Annual Report. Much effort during the year was concentrated on preparing our submission for the 2008 RAE. This is to be the last time the RAE is run the way it is, yet its legacy is sure to stay with us for many years to come. We feel confident that we have returned the best possible set of data; now all we can do is wait to learn of the evaluation of our submission. Panels will meet between January and December 2008 to make their assessments, and results will be published in December 2008. Our funding bodies will use the results of the 2008 RAE to calculate funding allocations in future years, so let's hope for the best possible outcome. Thanks to everybody who contributed to our excellent submission. You will find the text of RA5 later on in this report.

Much time was spent in 2006-07 working out an architectural plan for our new SRIF3-funded library. The library is being built as we speak and work is set to be complete on Phase 1 (the Heycock Lecture Theatre) by the end of May 2008, and Phase 2 (refurbishment of the old library space) in September 2008. Part of the preparations for the move to the new library involved re-classifying all of the books in the loan collection. This was no small task – it involved about 16,000 books. This work went on over the summer of 2007 and the library staff and other people who helped out are to be congratulated for finishing this on schedule for the start of the new academic year 2007-08.

Thanks to everyone who contributed to this report, and to the thriving HPS Department as a whole.

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Staff and affiliates

Administrative Staff

Kelly Ayres
Tamara Hug
Steve Kruse
David Thompson

Computing Staff

Mark Rogers

Cleaning Staff

Paul Everest

Library Staff

Tim Eggington
Dawn Moutrey

Museum Staff

Elizabeth Hart
Ruth Horry
Lisa Newble
James Hyslop
Boris Jardine

Teaching Officers

Jim Endersby
John Forrester
Nick Hopwood
Nick Jardine
Stephen John
Lauren Kassell
Martin Kusch
Elaine Leong
Tim Lewens
Peter Lipton
Eleanor Robson
Simon Schaffer
Jim Secord
Liba Taub

Affiliated Lecturers

Soraya de Chadarevian
Nader El-Bizri
Patricia Fara
Marina Frasca-Spada
Richard Jennings
Sachiko Kusakawa
Ilina Singh
Sujit Sivasundaram
Deborah Thom
Frances Willmoth

Research Fellows

Tatjana Buklijas
Andrew Cunningham
Andreas Mayer
Richard Noakes
Martin Peterson
Rob Ralley
Ulrich Stegmann
Laurence Totelin

College Research Fellows

Angela Breitenbach
Alix Cohen
Michael Edwards
Mary Leng
Helen Macdonald
Matteo Mameli
Russell Re Manning
Martin O'Neill
Alisha Rankin
Catherine Rider
Mark Sprevak
Nick Tosh

Affiliated Scholars

Jan Abram
Jon Agar
Robert Anderson
Debby Banham
Em Barnes
Andrew Barry
German Berrios
Sanjoy Bhattacharya
Andrew Bowie
Peter Bowler
Michael Bravo
Janet Browne
Robert Bud
Jeremy Butterfield
Cristina Chimisso
Harry Collins
John Cornwell
Christopher Cullen
Silvia De Renzi
Ipek Demir
David Dewhirst
Thomas Dixon
Mary Dobson
Matthew Donald
Catherine Eagleton
Aileen Fyfe

Roger Gaskell
Axel Gelfert
Cathy Gere
Faye Getz
Jeremy Gray
Ole Grell
Mary Hesse
Annette Imhausen
Shelley Innes
Catherine Jami
Peter Jones
Ludmilla Jordanova
Harmke Kamminga
Gerald Kutcher
Geoffrey Lloyd
Scott Mandelbrote
Stephen Mason
Anita McConnell
Raymond Mercier
Simon Mitton
Jim Moore
Adam Mosley
Ayesha Nathoo
Jaume Navarro
Onora O'Neill
Alison Pearn
Katy Price
Sadiah Qureshi
Jason Rampelt
Lisbet Rausing
Michael Redhead
Evelleen Richards
Ruth Richardson
Martin Rudwick
Colin Russell
Christine Salazar
Max Satchell
Anne Secord
Richard Serjeantson
Emma Spary
Jackie Stedall
Rebecca Stott
Kim Taylor
Karin Tybjerg
John van Wyhe
Andrew Wear
Paul White
Sarah Wilmot
Elie Zahar

Visitors and students

Visiting Scholars

Bettina Dietz
Vidar Enebakk
James Giordano
Christopher D. Green
Sheila Jasanoff
Peter C. Kjærgaard
Andrey Kozhanov
Juan Mayoral de Lucas
Hélène Mialet
Richard Raatzsch
Diederick Raven
Babu Thaliath
Haiyan Yang

Visiting Students

Laura Bujalance
Lise Kvande
Friederike Schultz

PhD Students

Salim Al-Gailani
Katherine Angel
Caroline Baumann
Lorenzo Bernasconi
Patrick Boner
Stefan Brenner
Michael Bresalier
Alex Broadbent
Hsing-Zen Chen
Yoon Choi
David Clarke
Mike Collins
Robert Cord
Paul Dicken
Sarah Dry
Bonnie Evans
David Feller
Sacha Golob
James Hannam
Ben Irvine
Natalie Kaoukji
Melanie Keene
Elisabeth Kingma
Sharon Ku
Wang-Yen Lee
Helen Macdonald
Saira Malik

Christina McLeish
Iris Montero-Sobrevilla
Sasha Mudd
Lisa Mullins
Sam Nicholson
Signe Nielsen
Margaret Olszewski
Arash Pessian
Jenny Rampling
Torben Rees
Nicky Reeves
Francis Reid
Leon Rocha
Joab Rosenberg
Joe Sandham
Jeff Skopek
Alireza Taheri
Anke Timmermann
Adam Toon
Nick Tosh
Lydia Wilson

MPhil Students

Anouska Bhattacharyya
Heather Brink-Roby
J. Cecilia Cardenas-Navia
Joshua Cooperman
David Deitz
Luke Forsyth
Jill Howard
Camilla Hrdy
Boris Jardine
Jeremy Kessler
Pim Klaassen
Can (Kenny) Liao
Daniel Lim
Joshua Nall
Praveen Shanbhag
David Singerman
Jessica Tanenbaum
Billy Wheeler
Alexandra Zukerman

Part II students

Andrew Bates
Seth Bell
Denise Cheuk
Christopher Clarke
Alice Claydon
Lauren Denton
Elizabeth Edwards
Richard Gardner
William Gietzmann
Charlotte Heron
Ruth Hibbert
Jonathan Hobbs
Lauren Horsley
Katharine Hubrecht
Senthil Jayaprakasam
Catherine John
Michael-Luke Jones
Kamilla Klepacka
Adam Lenson
Jamie MacKay
Jenny Malicka
Laura May
Ailis McKernan
Suzy Milburn
Sarah Moore
Joseph Owen
Joanna Pellereau
Emma Perkins
Helen-Frances Pilkington
Rachel Sagar
Lukshmi Shanthakumar
Emma Stevenson
Jonathan Sturgeon
Katie Taylor
Amy Teal
Karmen Watson
Ben Weaver
Jonathan Woodfield

Comings and goings

Kelly Ayres joined us as the Department's receptionist in June 2007. She left in November 2007.

Alex Broadbent joined the Department in October 2007 to work on a two-year fellowship funded by the PhG foundation, a successor to the Genetics Knowledge Park.

Kevin Brosnan joined us in September 2007 to work on a three-year project funded by Tim Lewens's Leverhulme Prize and a matching grant from the Isaac Newton Trust.

Philippe Clancier joined us in September 2007 to work on *The Geography of Knowledge in Assyria and Babylonia*, a five-year AHRC-funded project led by Eleanor Robson.

Graham Cunningham joined us in September 2007, also working on *The Geography of Knowledge in Assyria and Babylonia*, the five-year AHRC-funded project led by Eleanor Robson.

Jim Endersby left the Department in September 2007 to take up a permanent lecturing position at the University of Sussex.

Paul Everest, the Department's cleaner, left in November 2007 to take up a position in the Library at St John's College.

Vanessa Heggie joined us in September 2007 on a two-year fellowship sponsored by the Mellon Foundation.

James Hyslop left in August 2007 to take up a post at Christie's in London.

Elaine Leong left in April 2007 to take up a post at the University of Warwick

Peter Lipton died suddenly of a heart attack on 25 November 2007, following a game of squash.

Andreas Mayer left in October 2007 to take up a position at the Max Planck Institute in Berlin.

Lisa Newble left the Whipple Museum in October 2007 to take up a position at the Museum of Archaeology at Stanford University.

Richard Noakes left in February 2007 to take up a position at the University of Exeter's Cornwall Campus.

Torben Rees joined us in the summer of 2007, working on a precursor to a three-year project on the science of musical sound. The project, sponsored by the Isaac Newton Trust and the Whipple Museum, will start in March 2008.

Frances Reynolds joined us in September 2007 to work on the five-year AHRC-funded project led by Eleanor Robson, *The Geography of Knowledge in Assyria and Babylonia*.

Roles and responsibilities

Departmental positions

Head of Department: Peter Lipton

Chairman of the HPS Board: John Forrester

Secretary of the Board: Tamara Hug

Director of Graduate Studies: Nick Jardine (Michaelmas and Lent); Eleanor Robson (Easter)

Secretary of the Degree Committee: Tamara Hug

MPhil Manager: Tim Lewens

Part II Manager: Martin Kusch

Part IB Manager: Simon Schaffer

HPS Board and Degree Committee

Professors and Readers: John Forrester, Nick Jardine, Martin Kusch, Peter Lipton, Simon Schaffer, Jim Secord, Liba Taub

Curator and Director of the Whipple Museum: Liba Taub

Administrative Officer: Tamara Hug

Librarian: Tim Eggington

General Board Members: Michael Akam, Ulinka Rublack

Co-options: Nick Hopwood, Stephen John, Tim Lewens, Halvard Lillehammer, Eleanor Robson

Elected Senior Members: Tatjana Buklijas, Alix Cohen, Marina Frasca-Spada, Mark Sprevak

Elected Junior Members: David Clarke (Graduate); Ben Jones, Alice Sharratt (Undergraduates)

Philosophy Faculty Board

HPS Representative: Stephen John

Examiners

NST Part IB History and Philosophy of Science

Senior Examiner: Jim Secord

External Examiner: Dr Graeme Gooday (University of Leeds)

Examiners: Jim Endersby, Marina Frasca-Spada, Peter Lipton, Matteo Mameli, Sadiah Qureshi

NST Part II History and Philosophy of Science

Senior Examiner: John Forrester

External Examiner: Prof John Christie (University of Leeds)

Examiners: Alix Cohen, Nick Hopwood, Martin Kusch, Tim Lewens, Rob Ralley, Mark Sprevak

BBS Part II History, Ethics and Medicine

Senior Examiner: Stephen John

External Examiner: Dr Ulf Schmidt (University of Kent)

MPhil

Senior Examiner: Simon Schaffer

External Examiner: Dr Rob Iliffe (Imperial College)

Prizes and projects

Student prizes

Camilla Hrdy and **Jeremy Kessler** were jointly awarded the Tenth Annual Jennifer Redhead Prize for the best performance in the essay component of the MPhil.

Heather Brink-Roby and **Jill Howard** were jointly awarded the Fourth Annual Rausing Prize for the best performance in the dissertation component of the MPhil.

Jennifer Malicka was awarded the 2007 Bronowski Prize for the best performance in the HPS Part II course.

Catherine John and **Jennifer Malicka** were jointly awarded the First Annual Frances Willmoth Prize for the best performance in the dissertation component of the HPS Part II course.

New research projects

British Academy: Postdoctoral Fellowship for Ulrich Stegmann (October 2006 to September 2009) £110,681.25

Isaac Newton Trust: Human Nature Assessing the Biological Foundations of Ethics (October 2007 to September 2010) £49,714

Museums, Libraries and Archives Council: Improving Accessibility of Collections (April 2007 to March 2008) £15,000

Higher Education Academy: Knowledge and Power in the Neo-Assyrian Empire (January 2007 to June 2008) £4,958

Leverhulme Trust: Philip Leverhulme Prize for Tim Lewens (October 2007 to September 2010) £50,000

Arts and Humanities Research Council: The Geography of Knowledge in Assyria and Babylonia (September 2007 to August 2012) £786,000

PHG Foundation: Fellowship for Alex Broadbent (October 2007 to September 2009) £69,056

Seminars and special lectures

Rausing Lecture

Professor Trevor Pinch of Cornell University gave the Twelfth Annual Hans Rausing Lecture in the History of Technology and Industry on 24 May 2007. The title of the lecture was ‘Music and technology studies: from the Moog synthesizer to ACIDplanet.com’.

Wellcome Lecture

Professor Hilary Marland of the University of Warwick gave the Second Cambridge Wellcome Lecture in the History of Medicine on 23 November 2006. The title of the lecture was ‘Doctors, motherhood and insanity of childbirth in Victorian Britain’.

Leverhulme Lectures

Professor Sheila Jasanoff of Harvard University gave three lectures on 15-17 May 2007 to mark her Leverhulme Visiting Professorship at the University of Cambridge. The lectures were on the subject ‘Ungoverned reason: the politics of public rationality’.

Seminars, reading groups and workshops

Departmental Seminar in History and Philosophy of Science organised by Stephen John

Research Methods Seminars (first two weeks of Michaelmas Term) organised by Marina Frasca-Spada and Nick Jardine

History of Medicine Seminars (Michaelmas and Lent Terms) organised by Tatjana Buklijas, Nick Hopwood, Lauren Kassell, Elaine Leong and Alisha Rankin

From Generation to Reproduction (Michaelmas and Lent Terms) organised by Nick Hopwood and Laurence Totelin

Psy Studies Seminar: History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences, organised by John Forrester, Andreas Mayer and Deborah Thom

Cabinet of Natural History organised by David Feller

Epistemology Reading Group organised by Peter Lipton

STS Workshop (Lent and Easter Terms) organised by Martin Kusch and Simon Schaffer

History of Science Workshop organised by Nicky Reeves

Philosophy Workshop organised by Mark Sprevak

Kant Reading Group organised by Marina Frasca-Spada

Wittgenstein Reading Group (Lent and Easter Terms) organised by David Clarke

Scepticism Reading Group (Lent and Easter Terms) organised by Martin Kusch

Science and Literature Reading Group organised by Melanie Keene and Katy Price

Latin Therapy Group organised by Patrick Boner and Jenny Rampling (language tutor: Debby Banham)

Greek Therapy Group organised by Nick Tosh (language tutor: Laurence Totelin)

German Therapy Group organised by Angela Breitenbach

Students

Student statistics

Student numbers

Undergraduates	Part II.....	38
	Part II BBS: History and Ethics of Medicine	45
	Part IB.....	60
Graduates	MPhil.....	19
	PhD	48

Examination results

Part II	1.....	5	(14%)
	2i	30	(83%)
	2ii	1	(3%)
	3.....	0	
	Fail	0	
Part II BBS: History and Ethics of Medicine	1.....	1	(2%)
	2i	27	(60%)
	2ii	17	(38%)
	3.....	0	
	Fail	0	
Part IB	1.....	16	(26%)
	2i	22	(37%)
	2ii	22	(37%)
	3.....	0	
	Fail	0	

Graduate degrees awarded

MPhil degrees awarded.....	18
PhD degrees awarded.....	14

Part II primary sources essay titles

PAPER 1: Plutarch, *Dialogue on the Face of the Moon*

A study of the use of myth in Plutarch's *Dialogue on the Face of the Moon* 940F-945D and comparison with Lucian's *A True Story*

An analysis of the relationship between myth and science in Plutarch's *De Facie* and Kepler's *Somnium*

Argument styles in Plutarch's dialogue *On the Face of the Moon*

Comparison of Plutarch's *Dialogue Concerning the Face which appears in the Orb of the Moon* and Kepler's *Somnium*

How are the phenomena saved in *On the Face of the Moon*? Are the aims of the astronomical theories proposed in *On the Face of the Moon* instrumentalist or realist?

How do experts establish knowledge in Plutarch's dialogue *Concerning the Face Which Appears on the Moon*?

Natural philosophy and fiction: a comparison of the myth in Plutarch's *The Face of the Moon* and Lucian's *A True Story*

Saving the phenomena

The use of the dialogue genre in Plutarch's *Dialogue on the Face of the Moon* and Fontenelle's *A Discovery of New Worlds*

PAPER 2: Fontenelle, *A Discovery of New Worlds*

A discussion of the role of theatre in Fontenelle's *A Discovery of New Worlds* as translated from French to English by Aphra Behn

Distorted perspectives: operas and perspective glasses

People, place and character in Fontenelle's *A Discovery of New Worlds*

Perspectives on *A Discovery of New Worlds*: looking at Behn's translation through Gardiner's frontispiece

Shifting in *Discoveries of a New World* and reasons for its use

Women and audience in Fontenelle's *Conversations on the Plurality of Worlds*

PAPER 3: Darwin, *On the Origin of Species*

Authorship and authority in *The Origin of Species* by Charles Darwin

The novelty of *Origin*: to what extent do the ideas of Erasmus Darwin coincide with the theories laid down in *Origin*?

PAPER 4: Fraassen, *The Scientific Image*

A sceptical reading of van Fraassen's constructive empiricism

Anti-realism, underdetermination and the past

Can van Fraassen avoid objective modality?

Is the realism debate really about proper epistemic attitudes?

Is van Fraassen's distinction between observables and unobservables justified?

'Observable' is a vague predicate: what vague theory means for the term 'observable' in van Fraassen's *The Scientific Image*

Popper, van Fraassen and Darwin: how the conjecture-refutation model and constructive empiricism use the evolutionary analogy

What kind of antirealism, if any, is constructive empiricism?

What should we believe? A pessimistic assessment of the role of evolutionary arguments in prescribing our ontological commitments

Will science reveal a distinction between the observable and the unobservable?

PAPER 5: Winch, *The Idea of a Social Science and its Relation to Philosophy*

Actions, reasons and Winch

Winch and animals

PAPER 6: Freud, 'From the history of an infantile neurosis'

An investigation into the truth and fiction of the 'Primal Scene' in Freud's 'An Infantile Neurosis'

Can religion be a cure of neurosis?

Folklore, psychoanalysis and the case of the wolf-man

Narrating the unconscious: a closer look at the telling of the Wolf-Man's story by Sigmund Freud

Stanley Fish's critique of Freud's rhetoric in the Wolf-Man's case history

PAPER 7: Brugis, *The Marrow of Physick*

Astrological medicine: medical theory or practitioner's tool?
Bloodletting in seventeenth-century England, with particular reference to the works of Thomas Brugis
Brugis and diet: an early modern approach to classical ideas
Brugis and Galen's critical days
Brugis and Paracelsus: a relationship of two halves?
Representation of women's health in Thomas Brugis' *The Marrow of Physicke*
Self-medication using Thomas Brugis' *Marrow of Physick*: the patient's perspective
The *Marrow of Physic* in the 'revolutionary' seventeenth century
The *Marrow of Physicke*: an astrological perspective
Thomas Brugis and New World drugs: a study of his recipes and practices

PAPER 8: The Visible Human Project

A resource for a reformed medical education: the Visible Human Project and the unified biomedical library
Art and anatomy: Alexander Tsiaras and the Visible Human Project
Blue End: a critique of the Visible Human Project
Body Voyage: the Visible Human Project as anatomical travel and memento mori
Controversy over cadavers: necro-normality in the VHP
Conventional representations: gender and the Visible Human Project
Defining 'normal': the Visible Human Project and cadaver selection
Dissection and the criminal body: public reception of the Visible Man
Engaging with the VHP through art: the bodies of artist, viewer and Visible Humans
Has the VHP had an impact on the importance of dissection in medical education?
How has the Visible Human Project changed visual aids for teaching cross-sectional anatomy?
How is the VHP contributing to biomechanical modelling?
How the Visible Human Project is represented in *Blue End*
Promoting and challenging a global standard: the Visible Human Project datasets in the medical press
The cultural politics of the Visible Human Project: an analysis of its representation in the *New Yorker*
The use of the Visible Human Project: the *Body Voyage* book
The visible couple: the subordination of the female form in anatomy
The Visible Human Project and emotional socialization of medical students
The Visible Human Project as anatomical teaching tool
The Visible Human Projects and the notion of 'race' in science
Visible Human Project: its place in the politics of science

PAPER 9: Snow, *The Two Cultures and the Scientific Revolution*, and Leavis, *Two Cultures? The Significance of C.P. Snow*

An 'utter lack of intellectual distinction'? C.P. Snow and *The Two Cultures*
C.P. Snow the chameleon: scientist, writer, civil servant, pundit and... insider trader
Manliness and manners: Snow, Leavis and the Two Cultures debate
Public hope and private culture: actors and audiences in the Two Cultures debate
The 'clashing point': the construction of C.P. Snow's persona in *The Two Cultures*
The politics and poetics of jam

Part II dissertation titles

'A key to fit all locks': female medical missionaries in India in the later nineteenth century
American psychiatry, 1950s-1980s, and the development of the DSM
British reception of the Vandeput Thalidomide murder trial, 1962
Changing hearts and faces: representing organ transplantation in Britain, 1966-2006
Contemporary responses to Darwin: focusing on the reviews and correspondence of Revd Kingsley, Fleeming Jenkins and Asa Gray
Early modern surgery in England
Fact or fiction? A study of Topsell's *The Historie of Foure-Footed Beastes* (1607)
Falsifiability and Intelligent Design
Genius sperm and test tube babies
Images of Kuhn: five responses to *The Structure of Scientific Revolutions*
Life in Cleopatra's furnace: an exploration of the alchemical writings of 'Cleopatra' and their portrayal of gender
Limitations of science? The latest battle in the science-religion wars
Making plastic surgery of the face in Britain, 1914-1939
Monstrous births in the seventeenth century
NaPro technology, an alternative approach to infertility
Popular medical practitioners in early modern England
Reconciling Nick Tosh's historiography with the symmetry thesis
Shellshock and the Moss Side Military Hospital, 1914-1919
Should philosophers lose any sleep over the frame problem?
The birthing chamber in early modern England
The Book of Angels: Cambridge University Library MS Dd.11.45
The Cambridge birth control clinic
The care of children with infectious diseases in Britain, 1880-1940
The Edwin Smith surgical papyrus: ancient Egyptian anatomical concepts
The evolution of the phrenological head as an object of scientific authority
The images that accompany *The Sphere of Marcus Manilius Made an English Poem* by Edward Sherburne
The London Women's Medical School
The medical history of psychedelic drugs
The NICE decision on Beta-Interferon: a critical review of the process, decision and implications
The pessimistic induction
The role of heuristics and biases in the Kuhnian model
The spirit and other worlds
The use of Homer as a scientific authority in antiquity
The uses of the 1980 eradication of smallpox
Trials of male contraceptives in Britain in the 1990s
X-rays and shrapnel in World War I

MPhil essay and dissertation titles

Anouska Bhattacharyya

Essays

Setting global standards: anatomy, body selection and the Visible Human Project (supervised by Tatjana Buklijas)

Obstetric analgesia, 1933-1939: what were British midwives' attitudes to methods of pain relief?
(supervised by Nick Hopwood)

Repercussions of beauty: the significance of *Women's Cosmetics* in the Trotula Ensemble (supervised by Elaine Leong)

Dissertation

Indigenous roots: the roles of women in the creation of colonial medicine in nineteenth-century India
(supervised by Sujit Sivasundaram)

Heather Brink-Roby

Essays

'Looking for his portrait in a spoon': George Eliot and the physiological study of sensation
(supervised by Simon Schaffer)

Siren canora: the mermaid and the mythical in late nineteenth-century science (supervised by Jim Secord)

'Le son est le son et la couleur est la couleur': the ocular harpsichord and the analogical paradox
(supervised by Simon Schaffer)

Dissertation

'Drawn and described': image and text in nineteenth-century science (supervised by Jim Secord)

J. Cecilia Cardenas-Navia

Essays

Lewis M. Terman, Alfred C. Kinsey and the construction of male homosexuality: an academic rivalry between two sex researchers, 1925-1948 (supervised by John Forrester)

Boy's Own natural history: serializing evolution and anthropoids in Victorian England, 1855-1865
(supervised by Jim Secord)

Telling tales through hammers and chisels: Brian Harland's instruments in the Whipple Museum
(supervised by Simon Schaffer)

Dissertation

Constructing museums and disciplines: memorialization, space and science at the Sedgwick Museum and the Scott Polar Research Institute Museum (supervised by Simon Schaffer)

Joshua Cooperman

Essays

Relationalism in light of Barbour-Bertotti theory (supervised by Jeremy Butterfield)

On Einstein-Feigl completeness (supervised by Peter Lipton)

Deconstructing a 'revolution in science' (supervised by Simon Schaffer)

Dissertation

A theory of the Universe from contemporary physics: evaluating Smolin's argument for the elimination of 'ideal elements' (supervised by Jeremy Butterfield and Jonathan Oppenheim)

David Deitz

Essays

Genetics, healthcare and environment: a critique of Rawlsian social and natural primary goods
(supervised by Stephen John)

Recovering a sage's vision of science policy: a Marxist critique of Philip Kitcher's *Science, Truth and Democracy*
(supervised by Martin Kusch)

The ophthalmic battle over the intraocular lens and cataract surgery (supervised by Nick Hopwood)

Dissertation

Philosophical and practical issues with Quality Adjusted Life Years (QALYs) as a measurement tool in healthcare decisions (supervised by Tim Lewens)

Luke Forsyth

Essays

Sticky fingerprints: the British identity card debate, biometrics and the problem of competing cost benefit analyses (supervised by Martin Kusch)

Universal language and secret writing, John Wilkins' *Mercury, the Secret and Swift Messenger*: sharing and maintaining the integrity of knowledge (supervised by Simon Schaffer)

Wetware assembler: 'genetic programs' and theories of genes as bearers of information (supervised by Tim Lewens)

Dissertation

'A comon spye': John Wallis and the fruit of cryptology (supervised by Simon Schaffer)

Jill Howard

Essays

Invention and the 'public mind': patents, politics and popular education in the mid-Victorian philosophy of Henry Dircks (supervised by Simon Schaffer)

Paradigm or pathology? The Milgram experiments and the epistemology of expert testimony (supervised by Martin Kusch)

'For the utility and the pleasure of it': a rhetorical analysis of gravitation in SDUK treatises (supervised by Jim Secord)

Dissertation

Experiment in education: science at the City of London School, 1847-1890 (supervised by Simon Schaffer)

Camilla Hrdy

Essays

From word-pictures to wood blocks: Ramon Lull's *Tree of Science* illustrated and re-imagined in the 16th century (supervised by Sachiko Kusakawa)

Useful hypothesis or dangerous myth? Divided acceptance of the sexual selection hypothesis for infanticide within primate studies (supervised by Jim Endersby)

A doctor by nature: contextualizing Oliva Sabuco's *New Philosophy of Human Nature* (1587) (supervised by Alisha Rankin)

Dissertation

Machinae mentis: Ramon Lull's machines of the mind (supervised by Nick Jardine)

Boris Jardine

Essays

Credibility under the microscope: the British reception of C.G. Ehrenberg's infusorial researches, 1830-1860 (supervised by Jim Endersby)

Machine Age poetics: Hart Crane's *The Bridge* and the sublimation of technology (supervised by Helen Macdonald)

Editing early-modern astronomical diagrams (supervised by Sachiko Kusakawa)

Dissertation

Artists and urbanity in the Roaring Twenties (supervised by Helen Macdonald)

Jeremy Kessler

Essays

Supplementing *Meaning*: psychologism and scientism in *The Meaning of Meaning* and its *Supplement* (supervised by John Forrester)

Humanizing the scientist: T.R. Hem's poetry lectures for science students and the History of Science Committee of Cambridge, post-WWII (supervised by Helen Macdonald)

Analogy as exemplar: from Hesse to Kuhn (supervised by Peter Lipton)

Dissertation

A 'telescope', not a 'spade': the Cambridge Language Research Unit, machine translation and the language of science (supervised by John Forrester)

Pim Klaassen

Essays

The risk of adventurous similarity judgements. On Bloor's effort to bring order to the Wittgensteinian field in SSK (supervised by Martin Kusch)

Assessing Hacking's econiche framework: the case of ADHD (supervised by John Forrester)

A history of boundaries. On George Boole's logical psycho-pedago-theology (supervised by Simon Schaffer)

Dissertation

ADHD in Britain? (supervised by John Forrester and Ilina Singh)

Can (Kenny) Liao

Essays

On the concept of placebo (supervised by John Forrester)

Sankey on incommensurability (supervised by Peter Lipton)

Laudan's criticism of the strong programme: a re-evaluation (supervised by Martin Kusch)

Dissertation

The Needham Question's multi-interpretation: Needham, Elvin and historians in China (supervised by Christopher Cullen)

Daniel Lim

Essays

A tension in Churchland's response to the knowledge argument (supervised by Peter Lipton)

Design inferences and observational selection effects: a critique of Sober's analysis of the design argument (supervised by Tim Lewens)

Dreyfus, Collins and the failure of artificial intelligence (supervised by Martin Kusch)

Dissertation

Mental causation in a non-reductive physical world (supervised by Peter Lipton)

Joshua Nall

Essays

Expertise in chemical engineering: the case of George E. Davis (supervised by Simon Schaffer)

The politics of a cellular artefact: the Golgi body and John R. Baker (supervised by Nick Hopwood)

Uses of history in the pamphlets of the Society for Freedom in Science (supervised by Nick Jardine)

Dissertation

'The struggle between truth and propaganda': Michael Polanyi and the social relations of science (supervised by Simon Schaffer)

Praveen Shanbhag

Essays

Base rates and scientific realism (supervised by Peter Lipton)

Justice in science policy: an examination of Rawls and Kitcher (supervised by Martin O'Neill)

Mathematics in motion: understanding Olivier's movable hyperbolic paraboloid model (supervised by Simon Schaffer)

Dissertation

From knowledge to governance: images of science and epistemological foundations for the philosophy of science policy (supervised by Martin Kusch)

David Singerman

Essays

Refining sugar: the political economy of saccharimetry (supervised by Simon Schaffer)

Keynes the geneticist (supervised by Jim Endersby)

Group think (supervised by Martin Kusch)

Dissertation

The sweet science (supervised by Simon Schaffer)

Jessica Tanenbaum

Essays

How the Big Bang got its name (supervised by Simon Schaffer)

Beginning microbial ecology: creating a place for Yellowstone Microbiology (supervised by Nick Hopwood)

Functional explanation (supervised by Peter Lipton)

Dissertation

Constructing post-war public astronomy in Britain and America: festivals and observatories
(supervised by Simon Schaffer)

Billy Wheeler

Essays

Meta-methodology and the rational model of scientific change (supervised by Tim Lewens)

The typing monkey or the copycat? Analogy, blind-variation and the exercise of creativity in scientific problem solving
(supervised by Peter Lipton)

Individualizing collective intentionality: an adverbialist approach (supervised by Martin Kusch)

Dissertation

A case for structural realism: the role of analogy in scientific thought (supervised by Peter Lipton)

Alexandra Zukerman

Essays

The self-evidence of Marie Antoinette (supervised by Emma Spary)

George Eliot and metrology: from *Impressions of Theophrastus Such* to *Middlemarch* (supervised by John Forrester)

The travelling Eye of David Gregory: the plurality of worlds and representations of the 'heavens' (supervised by Simon Schaffer)

Dissertation

The many Rousseaus of the mesmerism investigation and its defenders, 1784 (supervised by Jim Secord)

PhD theses

Awarded

Lorenzo Bernasconi

‘The idea of practice theory: a Wittgensteinian critique’ (supervised by Martin Kusch)

Patrick Boner

‘Kepler’s living cosmos: bridging the celestial and terrestrial realms’ (supervised by Nick Jardine)

Stefan Brenner

‘An eco-dispositional theory of colour’ (supervised by Peter Lipton)

Alex Broadbent

‘A reverse counterfactual analysis of causation’ (supervised by Peter Lipton)

Paul Dicken

‘A defence of constructive empiricism’ (supervised by Peter Lipton)

Sarah Dry

‘Science, safety and government in mid-Victorian Britain’ (supervised by Simon Schaffer)

William Grundy

‘Language and world in Ludwig Wittgenstein’s *Tractatus Logico-Philosophicus* and *Philosophical Investigations*’ (supervised by Martin Kusch)

James Hannam

‘Teaching natural philosophy and mathematics at Oxford and Cambridge, 1500–1570’
(supervised by Scott Mandelbrote)

Stephen John

‘Vulnerability, risk and disease: a normative framework for public health policy’
(supervised by Onora O’Neill)

Saira Malik

‘Technical terminology in medieval Arabic science: the case of Kamal al-Din and the rainbow’
(supervised by Liba Taub)

Torben Rees

‘Phenomenal consciousness and the epistemic premise: undermining the introspective arguments against physicalism’ (supervised by Martin Kusch)

Francis Reid

‘The province of science: James Hector and the New Zealand Institute, 1867–1903’
(supervised by Simon Schaffer)

Jeffrey Skopek

‘Shaping science with the past: textbooks, history and the disciplining of genetics’
(supervised by Nick Jardine)

Anke Timmermann

‘The circulation and reception of a middle English alchemical poem’
(supervised by Lauren Kassell)

Submitted

Ben Irvine

‘The naturalisation of transcendental idealism’ (supervised by Peter Lipton)

Nick Tosh

‘History, truth and reasons: a critique of historiographical antirealism’ (supervised by Nick Jardine)

The Library

Annual report of the Whipple Library

Introduction

2007 saw considerable activity in the Library, much of it focused on preparations for the building of the new library, to take place over the coming year. To assist with the increased workload presented by this task, the Library was fortunate in having extra staff. In addition to its permanent team – Tim Eggington (Librarian), Dawn Moutrey (Library Assistant) and Steve Kruse – we were grateful for the services of James Hyslop (thanks to temporary funding from SHSS) and, over the summer, Billy Wheeler.

Readers

During this period the Library had a total of 1,314 registered patrons, 722 of which were active borrowers. This represents a modest reduction from last year in which the figures were 1,374 and 741 respectively. However, the year saw a slight increase in loans, 16,288 items this year compared with 15,067 last year. There was also an increase in the number of store requests, which had risen to 292 from 260 in 2005-6.

Electronic developments

This year several further Whipple journal inscriptions become available online whilst more general enhancements were made to the provision of electronic resources through additional subscriptions made by the UL.

Particularly important amongst these was subscription to Project Muse, a resource providing full-text online access to over 300 humanities, arts, and social sciences journals from 60 scholarly publishers. Having long been requested by members of the Department, this was most welcome.

Journals

The Librarian continued to take part in meetings with other SHSS librarians to explore the possibility of establishing a university wide journals coordination scheme. According to this each school would transfer the sum it now spends on journals into a fund from which journals would be acquired centrally. It is hoped that this could maximise the University's buying potential, thereby enabling it to increase its subscriptions to electronic journals. Discussions are ongoing.

A new subscription was taken up for the following journal:

Intellectual History Review

Donations

A considerable number of donations have been received throughout the year for which the Whipple Library is most grateful. The largest of these is a collection of about 100 books from Mary Hesse, the former Head of the Department and renowned philosopher of science. All these books relate to her own research activities, including a significant consignment of offprints from her own publications.

Other donations received included:

Andrew Belsey: Large collection of philosophy of science offprints and pamphlets

Frances Harris: Charles Lyell, *The Student's Elements of Geology*, 1874
Caroli Linnaei, *Opera hactenus inedita*, 1873

The Whipple continued to benefit from the support offered by Cambridge University Press to all College and University libraries, through the crediting to us of £2,600 for the purchase of Press titles.

New Library project

Following last year's successful SRIF3 bid for £1,677,500, planning for this historic project is now underway. The project's purpose is to create a new Whipple Library, responsive to changing user needs and able to accommodate space requirements for the next 20 years. This will be achieved by converting the Heycock Theatre into the main Whipple Library reading room. This will be linked (via a walkway) to the present library space, which will also be reorganised. The new Library should be operational in September 2008.

Throughout the year a departmental library planning committee has met. This has included the Librarian, Library Assistant (Dawn), Departmental Administrator, Whipple Curator as well as the project's architect, Steve Giles. Much thought has gone into the design and layout so as to ensure the new Library can accommodate the Department's needs over the years to come. To assist with this the Librarian and architect have undertaken in-depth research, visiting numerous libraries and consulting widely.

A final plan has now been established which was shown to the Department's Executive Committee in the summer. A contractor has been chosen (Marriott Construction) and work is due to begin in October 2007.

Classification

An integral feature of the new library is the new HPS classification scheme according to which its loan collection will be arranged. Following Library Committee discussions and consultation with other HPS academics, it was agreed last year that the Whipple's classification system should be updated.

Having established what the new scheme should be (thanks to much assistance from HPS academics) the entire loan collection has over the past year been reclassified and re-labelled. This has been a monumental task in which all Library staff have invested considerable effort (especially James Hyslop). In this we were also grateful for the services of Billy Wheeler who worked in the Library for five weeks over the summer. The new system facilitates subject/author browsing considerably, which it is hoped will enhance the Library's usefulness to students and staff.

Staffing

In August this year James Hyslop was successful in applying for the post of Head of Scientific Instruments at Christie's auction house, London. The Library will reappoint another member of staff to fulfil the remaining six months of James' contract.

The Museum

Annual report of the Whipple Museum of the History of Science

Completion of the lift and staircase building project

In October 2006 work was completed on a major building project that has improved accessibility to the Museum galleries and the Department. The project created a new extension housing an evacuation standard passenger lift, new staircase and a new disabled access toilet, as well as a new office for the Museum Director. For the first time the new lift and staircase links all of the Museum's upstairs galleries with the Reserve Gallery, allowing better public use of this space and generally better flow for all visitors around the Museum. The extension also gives full wheelchair access to Seminar Room 2 and the Whipple Library.

The project, which began in August 2005, has also led to improvements in two of the Museum's public galleries, which have gained some additional space as part of the build. Extra space in the *discover* gallery has allowed us to display three large working models made by retired Cambridge Scientific Instrument Company engineer Donald Unwin, and on the second floor the hands-on Victorian Parlour gallery has almost doubled in size and benefited greatly from improved decoration.

Plans for the future

We are aiming to raise funds for the redevelopment and refurbishment of the Main Gallery (a large schoolroom, built in 1618 and now Grade II listed). Redevelopment will enable us to bring the Main Gallery to the standard of our other galleries, which have recently been developed with Designation Challenge Fund (DCF) support; this gallery was last refurbished in the 1970s. With further help from DCF, we have worked with a design firm to develop detailed plans for a new Main Gallery that will enable us to increase the number and variety of artefacts on display, as well as provide interactive exhibits. We are currently working to raise £1.76 million to redevelop the Main Gallery, and create a new research facility.

Once the Whipple Library takes over its new space in the former Heycock Lecture Theatre, the Museum will gain a new space (one half of the old library), which is intended to serve as the new research facility, as well as to communicate and showcase the results of research activities in the Museum. The renowned Whipple collection is actively used by research students, academic staff, postdoctoral researchers and international scholars. Currently 20% of the Whipple collection is available on secure open access. Our aim is to use this new space to increase the percentage of the collection on display to 30%, and also to provide much-needed facilities to work with these objects. By reconfiguring the space and providing improved conditions for the collection we will accommodate more easily the needs of our researchers. We await news in early 2008 regarding our success in obtaining a SRIF 4 grant to enable us to enhance our research facilities.

Launch of 60th anniversary volume

On 30 October 2006 the Whipple celebrated the publication of its much anticipated festschrift volume, *The Whipple Museum of the History of Science: Instruments and Interpretations, to Celebrate the 60th Anniversary of R.S. Whipple's Gift to the University of Cambridge*. The volume brings together 23 essays and 85 illustrations which chart the Museum's history, examine its role and influence within the University of Cambridge and the study of the subject more widely, and focus on a range of particular scientific instruments in the collection, drawing out their broader historical significance and associations.

Teaching and exhibitions

Departmental teaching

The Whipple Museum plays an important role in teaching within the Department of History and Philosophy of Science. 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 the opportunity to work with the Museum's collection as part of their studies, and in recent years a number of undergraduates and postgraduate theses have been undertaken on individual objects.

Student research 2006-2007

Undergraduate dissertations

Helen-Francis Pilkington, 'The images that accompany *The Sphere of Marcus Manilius Made an English Poem* by Edward Sherburne'

MPhil essays

Praveen Shanbhag, 'Mathematics in motion: understanding Olivier's movable hyperbolic paraboloid model'

Publications

Taub, L. and Willmoth, F., *The Whipple Museum of the History of Science: Instruments and Interpretations, to Celebrate the 60th Anniversary of R.S. Whipple's Gift to the University of Cambridge*

Papers given at conferences

Ruth Horry, 'Glass fungi models at the Whipple Museum of the History of Science', Dublin Blaschka Congress, National Museum of Ireland, September 2006

Liba Taub and Ruth Horry, 'At the sign of the "Laboratory of Physical Chemistry": preserving and presenting histories of chemistry at Cambridge', 19th Century Chemistry: Spaces and Collections, Museum of Science, University of Lisbon

Outreach and collaboration with other University museums

Hub outreach funding

2006-07 saw the Whipple Museum awarded a grant to support outreach initiatives by the local hub of the *Renaissance in the Regions* programme (administered by the Museums Libraries and Archives Council – MLA). Three projects were supported with this grant: an evening lecture series, an artist workshop and a professional magic lantern show.

The lecture series, which was co-sponsored by Macmillan Science publishing, featured three talks during the 2006-07 academic year by recently published popular science authors. The lectures included Henry Nicholls talking about the giant Galapagos tortoise, George – the sole survivor of his species; Joel Shurkin talking about his biography of William Shockley – a founder of Silicon Valley; and Andrew Robinson talking about the polymath Thomas Young.

In October the Whipple ran a small art workshop as part of the annual nationwide *Big Draw*. The workshop, which was run by local artist Issam Kourbaj, explored objects in the museum through various mediums including light and projection. The event was run in conjunction with local charity Student Community Action and was primarily aimed at disadvantaged children from the local community.

The final hub funded event was held in March at the Museum's annual Saturday opening as part of the Cambridge Science Festival. The event featured four traditional magic lantern shows put on throughout the day. Original hand-painted slides projected on an authentic two-tiered magic lantern showcased the style and visual effects of this popular 19th-century entertainment.

Following on from the success of these events, in May the Whipple was awarded a further grant from the hub to continue its outreach events into 2007-08; the programme is yet to be confirmed. The Museum also received funding to participate in the Farmland Museum Country Fair in May. Over the 2007 May Bank Holiday weekend Whipple staff members Lisa Newble, Ruth Horry and James Hyslop took games and handling activities from the Victorian Parlour to Denny Abbey Farmland Museum's Country Fair. The event attracts families from all over Cambridgeshire and gives the Museum a chance to meet and encourage new potential audiences.

Twilight at the Museum

In February the Whipple took part in a joint-museum family event called *Twilight at the Museum*. The event was timed to tie in with the release of the film *Night at the Museum*. This one-off event involved all the embedded Cambridge University museums opening their doors for an evening of spooky after-hours trails and games in the galleries. At the Whipple this included exploring the Museum galleries in the dark with a torch, following the trail to discover scientific instruments used at night. The event was an enormous success attracting hundreds of families to the museums over the course of the evening. One thrilled visitor proclaimed: 'The Whipple is the spookiest!' It is hoped that similar events may be held in the future.

Grants

AHRC

Following our application for the second round of Arts and Humanities Research Council Core Funding, the Whipple was awarded £29,500 for this academic year. This funding is paid to the University of Cambridge on behalf of the Whipple; £1,090 comes to the Whipple directly and is earmarked for publicity and marketing, based on the recommendations of the referees.

DCF data collection

The Whipple Museum was awarded a grant of £15,000 as part of the 2007-08 Designation Challenge Fund data collection funding stream. This money is designed to support the introduction of new visitor data collection techniques required by the Museums, Libraries and Archives Council (MLA) which, as a Designated museum, the Whipple is piloting. The money is also allowing the Museum to carry out qualitative research to learn more about our visitors and their motivations for and expectations of a visit to the Museum.

PRISM

The Whipple received two PRISM (Preservation and Restoration of Industrial and Scientific Material) awards during 2006-07: a grant of £7,050 towards the purchase of a gesso and papier-mâché model of a caterpillar by Auzoux, and a grant of £5,875 towards the purchase of a set of eight 19th-century display boxes containing plaster models of mushrooms.

Donations

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

Dr Anita McConnell, an Affiliated Scholar in the Department, has graciously set up a fund to underwrite the costs of putting on student exhibitions. We are grateful to her not only for her financial support, but also for her inspired idea to fund student work which will be displayed to the public; this will further encourage students to study scientific instruments and models. The first student exhibition underwritten by Dr McConnell's gift will be installed during the next academic year (2007-08).

Bill Mellor, a retired scientific instrument maker, has very kindly donated funds to be used for a variety of purposes, at the Museum's discretion, including the purchase of a new display case. This new case will enable us to exhibit the Master Circle of the Watts Dividing Engine, which we will be receiving as a loan from the Science Museum, London. We are very much looking forward to receiving this loan object, which will be displayed close to our Cambridge Scientific Instruments Co. objects.

The Ann D Foundation has very generously given a gift to the Museum, to be used at the Museum's discretion. We are intending the gift to help fund student work in the Whipple.

A timely gift from George Loudon enabled Ruth Horry to attend the Blaschka conference in Dublin, where she represented the Whipple and delivered a paper on our glass fungi models.

Don Unwin, a retired instrument maker formerly employed by the Cambridge Scientific Instrument Company, very kindly donated four models he had built: a full-size replica of the Planetarium of Giovanni de Dondi, c.1348, completed by Don in 1984; a 1/4 size replica of Richard of Wallingford's astronomical clock, c.1337, completed in 1992; a full-size replica of John Harrison's H3 sea clock, c.1759, completed in 2001; and a donations box configured as a replica of an 18th-century Grand Orrery, completed 1995.

We are also grateful to all of our other donors. This year, in particular, donations to the Whipple have been used to improve environmental monitoring in the galleries.

Loans

The Whipple Museum continues to receive requests from other museums for the loan of objects from its collection, evidence of how highly regarded the collection is both nationally and internationally. The Whipple 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, 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

International loan: Arthur M. Sackler Gallery, Smithsonian Institution

Encompassing the Globe: Portugal and the World in the 16th and 17th Centuries

June 2007 – September 2007

0328 Portuguese mariner's compass by Jose da Costa Miranda

Behind the scenes

The Whipple Museum takes enormous pride in offering work and training opportunities to students at various levels of education, particularly students considering pursuing careers in museums. Much of the Whipple's fundraising efforts are directed towards ensuring the continuity of rather ad hoc arrangements; we are working towards securing funding for a more formal and permanent Internship Programme.

This year the Museum offered two work experience placements for school-age students. Rosanna Hawkins, a Year 10 student from Linton College, Cambridgeshire, came to the Whipple for two weeks in May. She redesigned the Recent Acquisitions case in the Main Gallery, choosing the objects herself and writing her own labels.

Richard Vanneck, a Year 11 student from the Perse School, completed a one-week placement in July. His project was to put together a new display of optical instruments for a drawer in the *discover* gallery.

Thanks to a short-term grant from the School of Humanities and Social Sciences, James Hyslop (HPS Part II 2004) has again been able to stay on in the Department working part-time in the

Museum and part-time in the Whipple Library. His work for the Museum has continued to include research on items in the Museum's collection with uncertain provenance.

Funding from the DCF Data Collection project has allowed the Museum to employ two temporary staff to carry out visitor research over the summer. Cecilia Cardenas-Navia (HPS MPhil 2007) worked at the Museum for three weeks during June designing and piloting questionnaires with visitors and members of the Department; this project was then continued by Josh Nall (HPS MPhil 2007) who began work at the Museum in late June. Josh will be continuing with this project until March. Dr Niall Caldwell (Business School, London Metropolitan University) is advising on this project on a *pro bono* basis.

Sophia Davies (HPS MPhil 2006) joined the Museum on a short-term contract in June to work on our calculator project. Sophia has been standardising and augmenting the cataloguing of the Museum's Francis Hookham hand-held electronic pocket calculator collection, in preparation for the publication of a catalogue of the collection during the 2007-08 academic year. Dr Catherine Eagleton, Curator of Modern Money at the British Museum, and a graduate of HPS (PhD 2005), is taking a leading role in producing the catalogue; the Whipple Museum is grateful to Dr Eagleton and the British Museum for supporting this project.

Boris Jardine (HPS MPhil 2007) returned to the Whipple in June to continue with the project he began during the summer of 2006 with the support of the Williamson Fund; his work in 2007 was funded through income earned by the Museum. The project addresses the storage of natural history archival material in the Museum's object history files and aims to catalogue and re-house them to archival standards.

Ruth Horry (HPS Part II 2003) continued to support the archive work of the Chemistry Department following on from the exhibition she co-curated last year.

Having submitted his doctoral thesis, Torben Rees (HPS MPhil 2001) joined the Whipple to initiate a pilot project on 'The Science of Musical Sound', to explain the objects in the collection that relate to acoustics and harmonics, and to help enhance our holdings in this area. He is developing interactive exhibits in the galleries, and planning lecture/concerts to be held in the Main Gallery. The Whipple is fundraising to develop this project further, to communicate the results of scholarly research to our wider audiences, including museum and virtual visitors. We are working towards the creation of a research associate/musician-in-residence programme.

Over the last year Museum staff attended training courses in:

Child protection – Lisa Newble and Ruth Horry

Front of house training – Ruth Horry, James Hyslop and Elizabeth Hart

New acquisitions

- 6089 Sputnik toy
- 6090 Tracking station toy
- 6091 Compendium geissler tube set, early 20thC
- 6092 Space commander toy
- 6093 Zeiss polarimeter
- 6094 Mechanical electronic calculator, Comptometer
- 6095 2 Papier-mâché models of the human uterus
- 6096 Phrenological snuff-box
- 6097 Parts of the Northumberland telescope
- 6098 Globe of the moon
- 6099 Four silk didactic flower models
- 6100 Zoological teaching diagram #111 - Rhynchonella
- 6101 Zoological teaching diagram #71 - Hydra
- 6102 Zoological teaching diagram #268 – Head of gnat / mouth parts of Lepidoptera
- 6103 Ink drawing of surveyor
- 6104 Bunsen burner by Cambridge Instruments
- 6105 Print ‘The higher education of women’
- 6106 Zoological teaching diagram #24 – Acanthias
- 6107 Tellurion, Swedish
- 6108 Zoological teaching diagram #343 – Cotton plant being attacked by boll-weevil
- 6109 Zoological teaching diagram #56 – Uromastix
- 6110 Zoological teaching diagram #57 – Uromastix
- 6111 Dollar integrating micrometer – prototype
- 6112 Mezzotint ‘the Alchemist by Pether after Joseph Wright of Derby
- 6113 Zoological teaching diagram #223 – Larval forms of Crustacea
- 6114 Atomic models kit
- 6115 Brass sector by H.Suttom 1652
- 6116 Harrow mark reducer slide rule
- 6117 Plastic safety goggles used by Brian Harland
- 6118 Pocket electronic calculator; ERL 812 includes manual
- 6119 Pocket electronic calculator; multicoloured
- 6120 Pocket electronic calculator; Black marksman
- 6121 Pocket electronic calculator; grey Smith Corona ‘SpellMate’
- 6122 First prototype of Sinclair Enterprise pocket electronic calculator
- 6123 Pre-production prototype of Sinclair Enterprise pocket electronic calculator
- 6124 Pocket electronic calculator; Sinclair Oxford 300
- 6125 Pocket electronic calculator; solar cell powered
- 6126 Pocket electronic calculator; Tozai ATC-526
- 6127 Aeolipile
- 6128 Slate sundial; Polish; C17 or C18
- 6129 Small brass altimeter
- 6130 Box of plaster models of fungi; German
- 6132 Manufactured Dollar integrating micrometer and ephemera
- 6133 Walking stick telescope by Wilson of London, C19
- 6134 Epact calendar by BT

- 6135 Boxed set of Auzoux models of horses teeth, 1899 (?)
- 6136 Container with spore of Fleming's original *Penicillium notatum*
- 6137 Timeline of mathematicians, 1000 to 1950
- 6138 Demonstration model for studying equilibrium
- 6139 School geometry equipment containing faulty protractors + documentation
- 6140 Watercolour painting of John Flamsteed, late C18
- 6141 Portuguese papier-mâché model of the human torso, early C19
- 6142 Mechanical calculator by Bulmer's, mid C20
- 6143 Disappearing filament pyrometer by Cambridge Instrument Co. Ltd., early to mid C20th
- 6144 IME digicorder, c.1970
- 6145 Brass gunter quadrant; by the Tho. Poole 1689
- 6146 'Sun' Automatic 'on' and 'off' time switch, early C20th

Individuals

Annual reports of members of the Department

Jon Agar

Jon was visiting associate professor at the Department of History of Science, Harvard University for the academic year 2006-2007. From September 2007, Jon is taking up a senior lectureship at Science and Technology Studies, UCL.

Salim Al-Gailani

Lectures, Seminars and Conferences

November 2006

Al-Gailani, S. 'Tropical invalids: climate and culture in nineteenth-century medicine', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

February 2007

Al-Gailani, S. 'Twentieth-century toy chemistry sets: cultures of magic, science and masculinity', Nineteenth-Century Chemistry: Spaces and Collections Conference, University of Lisbon

March 2007

Al-Gailani, S. 'The maternal imagination in nineteenth-century medicine', Interdisciplinary Workshop on Reproduction, Department of History and Philosophy of Science, University of Cambridge

May 2007

Al-Gailani, S. 'Fetal anomalies and the making of facts in nineteenth-century obstetrics', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

June 2007

Al-Gailani, S. 'Twentieth-century toy chemistry sets: cultures of magic, science and masculinity', British Society for the History of Science Annual Conference, University of Manchester

July 2007

Al-Gailani, S. 'Obstetric encounters with teratology in Britain, 1850-1900', ISHPSSB Conference, University of Exeter

Debby Banham

Another busy teaching year for me: with two people on leave in the ASNaC Department, I've been teaching Anglo-Saxon history and beginners' Latin there, as well as some palaeography and lots of supervising, plus palaeography and medieval Latin for Birkbeck, not to mention the Latin Therapy group here in HPS. Amazingly, I've managed to write and present some papers, too.

Publications

Reviews

Banham, D. Review of S.E. Kelly, *Charters of Malmesbury Abbey*, in *The Local Historian* 37:1 (2007), 65

In Press

Articles in books

Banham, D. (2007) 'Race and tillage: Scandinavian influence on Anglo-Saxon agriculture?' in M. Kilpio et al. (eds) *Proceedings of the 2003 Conference of the International Society of Anglo-Saxonists*

Banham, D. (2007) 'The staff of life: cross and blessings in Anglo-Saxon cereal production' in S.L. Keefer et al. (eds) *The Cross in Anglo-Saxon England and on the Continent*

Banham, D. (2007) 'England joins the medical mainstream: new texts in eleventh-century manuscripts' in H. Sauer and J. Story (eds) *Proceedings of the 2005 Conference of the International Society of Anglo-Saxonists*

Lectures, Seminars and Conferences

February 2007

Banham, D. 'Anglo-Saxon textiles', Cambridgeshire Guild of Spinners and Weavers, Cambridge

March 2007

Banham, D. 'A millennium in medicine', *Theorica et Practica: Medicine in the Early Middle Ages*, University of Manchester

April 2007

Banham, D. 'Cereals and cereal production in the Anglo-Saxon landscape', Anglo-Saxon Landscape conference, University of Manchester

August 2007

Banham, D. 'Here you can see their tracks: ridge and furrow, open fields and Anglo-Saxon farming', International Society of Anglo-Saxonists, University of London

Andrew Barry

Andrew Barry co-convenes the research group on Technological Natures in the School of Geography, Oxford University and directs the MSc programme in Nature, Society and Environmental Policy.

Publications

Articles in books

Barry, A. (2007) 'Political invention' in K. Asdal, B. Brita and I. Moser (eds) *The Politics of Interventions: A History of STS*, Oslo Academic Press

Articles in journals

Barry, A. and Thrift, N. 'Gabriel Tarde: imitation, invention and economy', *Economy and Society* 36 (2007), 509-525

Reports

Barry, A., Born, G. and Strathern, M. (2007) 'Interdisciplinarity and society: a critical comparative study', 15pp, Swindon: ESRC

Barry, A. and Born, G. (2007) 'Interdisciplinary research and evaluation', briefing paper for ESRC, 4pp

Barry, A. (2007) 'The meeting of disciplines' in J. Clake (ed.) *Britain Today*, Swindon: ESRC

In Press

Articles in journals

Barry, A., Born, G. and Weszkalnys, G. 'Logics of interdisciplinarity', *Economy and Society* 37:1 (2007)

Lectures, Seminars and Conferences

August 2006

Barry, A. 'Visible invisibility: transparency, corporate social responsibility and the new politics of oil', Departments of Geography and Sociology, University of Auckland

Barry, A. 'The moment of interdisciplinarity', Department of Film and Media, University of New South Wales

Barry, A. 'Interdisciplinarity and the cultural politics of research', Centre for Cultural Research, University of Western Sydney

September 2006

Barry, A. 'Interdisciplinarity in a political setting', European Association for Social Anthropology biannual conference, University of Bristol

November 2006

Barry, A. 'The politics of interdisciplinarity', James Martin Institute, Saïd Business School, University of Oxford

December 2006

Barry, A. 'Materialist politics', plenary speaker, *The Stuff of Politics* conference, Worcester College, Oxford

February 2007

Co-organiser (with G. Born and G. Weszkalnys), colloquium on *Interdisciplinarity and Society*, St Catherine's College, Oxford

Barry, A. and Born, G. 'Market and ontology: ethnography in industry' and 'The mode of production of knowledge: an introduction', colloquium on *Interdisciplinarity and Society*, St Catherine's College, Oxford

Barry, A. and Weszkalnys, G. 'A useful science', colloquium on *Interdisciplinarity and Society*, St Catherine's College, Oxford

March 2007

Barry, A. 'Transparency, secrecy and discretion', plenary speaker, *Geographies of Technoscience* seminar, University of Sussex

Barry, A. 'Corporate accountability in the field', *Organising Risk Regulation: Current Dilemmas, Future Directions*, CARR, LSE

May 2007

Co-organiser (with M. Fraser, G. Weszkalnys and A. Toscano), conference on *Oil and Politics*, London

June 2007

Barry, A. 'The metallurgist's concerns', *Exercices de Metaphysique Empirique: Autour des Travaux de Bruno Latour*, Colloque de Cérisy-la-Salle

Co-organiser (with M. Ahiska and Y. Navaro-Yashin), conference on *Thinking Through Turkey*, CRASSH, University of Cambridge

Barry, A. 'On transparency', conference on *Thinking Through Turkey*, CRASSH, University of Cambridge

Barry, A. 'Logics of interdisciplinarity', Department of Geography, University of Durham

Barry, A. 'Modes of interdisciplinarity', Tyndall Centre for Climate Change Research, University of East Anglia

Patrick J. Boner

Patrick successfully defended his doctoral thesis, 'Kepler's living cosmos: bridging the celestial and terrestrial realms', in November 2006. In January 2007, he was awarded a postdoctoral fellowship by the Deutscher Akademischer Austausch Dienst, which allowed him to spend six months conducting research at the Bayerische Akademie der Wissenschaften, Munich. In June 2007, he completed an English translation of Miguel A. Granada's Introduction and Prologue to the first critical edition of Christoph Rothmann's *Scriptum de cometa*, translated into English by Nick Jardine and Adam Mosley. Patrick plans to participate in the History of Science Society's Annual Meeting in November 2007, where he will present a paper as part of the panel 'Astrology at the eve of modernity'.

Publications

Articles in journals

Boner, P.J. 'Kepler vs. the Epicureans: causality, coincidence and the origins of the new star of 1604', *Journal for the History of Astronomy* 38 (2007), 207-221

In Press

Articles in books

Boner, P.J. 'Kepler's defence of astrology and the early modern emergence of mathematics' in N. Herrán, T. Lanuza and J. Simon (eds) *Beyond Borders: Fresh Perspectives in History of Science*, Cambridge Scholars

Boner, P.J. 'En busca del alma: análisis de la teoría del alma en el pensamiento astrológico de Kepler' in X. Guillem, T. Lanuza, J. Navarro, P. Ruiz and J. Simon (eds) *Sinergia: jóvenes investigadores en historia de la ciencia*, Consejo Superior de Investigaciones Científicas

Boner, P.J. 'Técnicas de enseñanza en el trabajo astronómico de Johannes Kepler: la nueva estrella de 1604 como herramienta de instrucción' in *Actes de la IX Trobada d'Història de la Ciència i de la Tècnica*, Societat Catalana d'Història de la Ciència i de la Tècnica

Articles in journals

Boner, P.J. 'New stars and snowflakes: Johannes Kepler on the comparison of the heavens and earth', *History of Science*

Reviews

Boner, P.J. Review of A. Mosley, *Bearing the Heavens: Tycho Brahe and the Astronomical Community of the Late Sixteenth Century*, in *Renaissance Quarterly*

Lectures, Seminars and Conferences

November 2006

Boner, P.J. 'Técnicas de enseñanza en el trabajo astronómico de Johannes Kepler: la nueva estrella de 1604 como herramienta de instrucción', IX Trobada d'Història de la Ciència i de la Tècnica, University of Girona

May 2007

Boner, P.J. 'A statesman and a scholar: Hans Georg Herwart von Hohenburg as a prospective patron of Johannes Kepler', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

June 2007

Boner, P.J. 'A statesman and a scholar: Hans Georg Herwart von Hohenburg as a patron and critic of Johannes Kepler', Second Meeting for Postgraduate Students in History of Science, Centre d'Estudis d'Història de les Ciències, Barcelona

Peter J. Bowler

Peter Bowler is currently on sabbatical and has spent Easter Term 2007 as an associate fellow at CRASSH. He has been appointed to the Research Assessment Exercise panel for History (Unit of Assessment 62).

Publications

Articles in books

Bowler, P.J. (2007) 'Julian Huxley' in N. Rupke (ed.) *Eminent Lives in Twentieth-Century Science and Religion*, Frankfurt: Peter Lang, 140-156

In Press

Books

Bowler, P.J. and Pickstone, J. (eds) *The Cambridge History of Science*, vol. 6: *The Modern Life and Earth Sciences*, Cambridge University Press

Bowler, P.J. (2007) *Monkey Trials and Gorilla Sermons: Evolution and Religion from Darwin to Dawkins*, Harvard University Press

Angela Breitenbach

Angela Breitenbach started a Junior Research Fellowship at Sidney Sussex College in October. In 2006-7 she tutored the German Therapy Group at HPS. She has recently taken over Direction of Studies in Philosophy for Sidney Sussex College.

Publications

Articles in journals

Breitenbach, A. 'Mechanical explanation of nature and its limits in Kant's *Critique of Judgment*', *Studies in History and Philosophy of Biological and Biomedical Sciences* 37 (2006), 694-711

In Press

Articles in books

Breitenbach, A. 'Onora O'Neill' in J. Nida-Rümelin and E. Özmen (eds) *Philosophie der Gegenwart in Einzeldarstellungen*, Stuttgart: Kröner Verlag

Breitenbach, A. 'Vernunft in der Natur: Kants teleologischer Naturbegriff als Ansatz zu einer Umweltphilosophie' in *Proceedings of the Xth International Kant Congress* (Sao Paulo, 2005)

Lectures, Seminars and Conferences

March 2007

Breitenbach, A. 'Natural purposes and environmental ethics', Workshop of the Kant Reading Group, Department of History and Philosophy of Science, University of Cambridge

July 2007

Breitenbach, A. 'Connections between purpose and value in nature', Meeting of the International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB), University of Exeter

Robert Bud

This year Oxford University Press published Robert Bud's history of penicillin, entitled *Penicillin: Triumph and Tragedy*. He has also published several related articles and curated an exhibition at the Science Museum, London. It has also been announced that a Science Museum project he will direct, entitled 'Sickness and Health: Digitising the Wellcome Collection' has been generously supported by the Wellcome Trust. This project will present and interpret 4000 digitised photographs of artefacts from the Wellcome collections at the Science Museum for the benefit of students in the history of medicine.

Publications

Books

Bud, R. (2007) *Penicillin: Triumph and Tragedy*, Oxford University Press

Articles in journals

Bud, R. 'A vision of health', *BBC History Magazine* 8:5 (May 2007), 50-51

Bud, R. 'Medical classics: Arrowsmith', *BMJ* 334 (2007), 539

Bud, R. 'Antibiotics: the epitome of a wonder drug', *BMJ* 334 (2007), Suppl. 1, s6

Bud, R. 'Germ warfare', *History Today* 57:1 (January 2007), 30-32

Bud, R. 'New rhetorics for a digital age', *Viewpoint: Newsletter of the British Society for the History of Science*, September 2006, 1

Articles in books

Bud, R. (2007) 'From germophobia to the carefree life and back again: the lifecycle of the antibiotic brand' in A. Tone and E. Watkins (eds) *Medicating Modern America*, NYU Press, 17-41

Bud, R. (2006) 'The penicillin epidemic: doctors and the Asian flu pandemic of the 1950s' in C. Timmerman (ed.) *Devices and Desires*, Palgrave Macmillan, 193-211

Reviews

Bud, R. Review of T. Pieters, *Interferon: The Science and Selling of a Miracle Drug*, in *Technology and Culture* 48 (2007), 197-198

In Press

Articles in books

Bud, R. 'History of biotechnology' in J. Pickstone (ed.) *Cambridge History of Science*, Cambridge University Press

Lectures, Seminars and Conferences

December 2006

Bud, R. 'Fairs, modernity and the promotion of a scientific culture', World Expo Symposium: 'The Continuity of the Legacy of World Expos', The Science Museum

May 2007

Bud, R. 'Infections in the moral economy of science from the 1920s to the 1940s: vitamin D and penicillin', American Association for the History of Medicine, Montreal

June 2007

Bud, R. 'Caesura or continuity across the Second World War? A comparative study of biomedicine in two eras', British Society for the History of Science, University of Manchester

Bud, R. 'Commentary', Third Plenary Conference of the Tensions of Europe Network, Rotterdam

July 2007

Bud, R. 'A sword from the field of battle: the double helix and the secret of life in 1950s Britain', International Society for the Philosophy, History and Social Study of Biology, University of Exeter

Bud, R. 'Science, meaning and the web: narrative and a new technology', 10th Ischia Summer School on the History of Life Sciences, Ischia

Exhibitions

May–December 2007

Penicillin: A Story of Triumph and Tragedy, The Science Museum

Tatjana Buklijas

In Michaelmas and Lent Terms 2006/7, Tatjana Buklijas lectured for Part II Paper 8; convened, with Nick Hopwood, seminars in history of modern medicine and biology; co-organised, with Nick Hopwood, Paper 8 primary source seminars and supervised Paper 8 primary source essays; and sat on the HPS Board. She spent Easter Term researching in Vienna.

In Press

Articles in journals

- Buklijas, T. 'Cultures of death and politics of corpse supply: anatomy in Vienna, 1848–1914', *Bulletin of the History of Medicine* 82:3 (2008)
- Buklijas, T. 'Surgery and national identity in late nineteenth-century Vienna', *Studies in the History and Philosophy of Science Part C* 38:4 (2007)
- Buklijas, T. and Lafferton, E. Introduction to the special section on 'Science, medicine and nationalism in the Habsburg Empire from the 1840s to 1918', *Studies in the History and Philosophy of Science Part C* 38:4 (2007)

Lectures, Seminars and Conferences

March 2007

- Buklijas, T. 'Anatomical politics and urban transformation in Vienna, 1848–1945,' Philosophy and History of Medicine Seminar Series, Medical Humanities Programme, University of Bristol
- Buklijas, T. 'Anatomical politics and urban transformation in Vienna, 1848–1945', Departmental Seminar, Department of History and Philosophy of Science, University of Cambridge

Jeremy Butterfield

The articles and reviews listed below are all available on the Pittsburgh e-archive in philosophy of science.

Publications

Books

- Butterfield, J. and Earman, J. (eds) (2006) *The Handbook of Philosophy of Physics*, North Holland

Articles in books

- Butterfield, J. (2006) 'On symplectic reduction in classical mechanics' in J. Butterfield and J. Earman, (eds) *The Handbook of Philosophy of Physics*, North Holland, 1-131
- Butterfield, J. (2006) 'On symmetries and conserved quantities in classical mechanics' in W. Demopoulos and I. Pitowsky (eds) *Physical Theory and its Interpretation*, Springer, 43-99
- Butterfield, J. (2006) 'Against Pointillisme in geometry' in F. Stadler and M. Stoeltzner (eds) *Time and History: Proceedings of the 28th International Wittgenstein Conference*, Ontos Verlag, 181-222

Articles in journals

- Butterfield, J. 'The rotating discs argument defeated', *British Journal for the Philosophy of Science* 57 (2006), 1-45
- Butterfield, J. 'Against Pointillisme in mechanics', *British Journal for the Philosophy of Science* 57 (2006), 709-754

In Press

Articles in journals

- Butterfield, J. 'Reconsidering relativistic causality', *International Studies in the Philosophy of Science* (2007)
- Butterfield, J. 'Stochastic Einstein locality revisited', *British Journal for the Philosophy of Science* (2008)

Lectures, Seminars and Conferences

October 2006

- Butterfield, J. 'Reconsidering relativistic causality', Philosophy of Physics Seminar, University of Oxford

December 2006

- Butterfield, J. 'Stochastic Einstein locality revisited', Philosophy of Physics Seminar, University of Oxford

February 2007

Butterfield, J. 'Emergence and classical limits of quantum theory', Philosophy of Physics Seminar, University of Oxford

August 2007

Butterfield, J. 'Bell's theorems and the measurement problem', Quantum Foundations School, Perimeter Institute, Waterloo, Canada

Cristina Chimisso

Cristina Chimisso is a Lecturer in European Studies and Philosophy at the Open University, Affiliated Research Scholar at the Department of History and Philosophy of Science, Cambridge, and Secretary of the British Society for the History of Philosophy. In 2006-7 she was the recipient of an AHRC research leave grant.

Publications

Articles in journals

Chimisso, C. 'The identity and routes of philosophy of science', essay review of A. Brenner, *Les origines françaises de la philosophie des sciences*, in *Studies in History and Philosophy of Science* 37 (2006), 353-360

In Press

Books

Chimisso, C. *Writing the History of the Mind: French Philosophy and Science, 1900–1960*, Ashgate

Articles in journals

Chimisso, C. 'From phenomenology to phenomenotechnique: the role of early-twentieth-century physics in Gaston Bachelard's philosophy' in O. Sibum (ed.) *New Paths of Physical Knowledge Science and the Changing Sense of Reality ca 1900*, special issue of *Studies in History and Philosophy of Science*

Reviews

Chimisso, C. Review of E. Kleinberg, *Generation Existential*, in *British Journal for the History of Philosophy*

Lectures, Seminars and Conferences

June 2006

Chimisso, C. 'History of science as the philosopher's laboratory: Léon Brunschvicg's approach to science', HOPOS (History of Philosophy of Science Society) Conference, Ecole Normale Supérieure, Paris

March 2007

Chimisso, C. 'Léon Brunschvicg: philosophy as history of the mind', Philosophy Department, University of Hertfordshire

Soraya de Chadarevian

Publications

Articles in books

de Chadarevian, S. (2007) 'Rosalind Franklin e i suoi difensori' in E. Gagliasso and F. Zucco (eds) *Il genere nel paesaggio scientifico*, Rome: Aracne Editrice

Articles in journals

de Chadarevian, S. 'The Selfish Gene at 30: the origin and career of a book and its title', *Notes and Records of the Royal Society* 61 (2007), 31-38

de Chadarevian, S. 'Mice and the reactor: the "genetic experiment" in 1950s Britain', *Journal of the History of Biology* 39 (2006), 707-735

Reviews

de Chadarevian, S. Review of S. Lindee, *Moments of Truth in Genetic Medicine*, in *Isis* 98 (2007), 213-214

In Press

Articles in books

de Chadarevian, S. 'Modelle und die Entstehung der Molekularbiologie' in C. Blümle and A. Schäfer (eds) *Abstraktion in Kunst und Lebenswissenschaften*, Diaphanes

de Chadarevian, S. (2007) 'Perutz, Max Ferdinand' in *New Dictionary of Scientific Biography*, Charles Scribner's Sons

de Chadarevian, S. 'Storia di una scoperta' in *Cinquantenario della scoperta della struttura a doppia elica del DNA*, Istituto Lombardo di Scienze e Lettere

Reviews

de Chadarevian, S. Review of R.E. Doel and T. Söderqvist (eds) *The Historiography of Contemporary Science, Technology, and Medicine: Writing Recent Science*, in *British Journal of the History of Science*

Lectures, Seminars and Conferences

December 2006

de Chadarevian, S. 'Crick und Watson, Concorde und der Minirock', Icons of Science seminar series, Eikones Project, University of Basel

Discussant at workshop *Heredity in the Century of the Gene*, University of Exeter

April 2007

de Chadarevian, S. 'Bombs, mice and humans: tales of 20th century science', keynote speaker at Mephisto international graduate student conference in the history, sociology, anthropology and philosophy of science, technology and medicine, UCLA

de Chadarevian, S. 'Crick, Watson and the mushroom cloud', Distinguished Harris Lecture, California Institute of California

July 2007

de Chadarevian, S. 'Talking to scientists: interpreting interdisciplinary communication', roundtable participant, ISHPSSB Conference, University of Exeter

Ipek Demir

I took up a lectureship in Sociology at the University of Leicester in October 2007.

In Press

Articles in journals

Demir, I. 'Incommensurabilities in the work of Thomas Kuhn', *Studies in History and Philosophy of Science* (2008)

Lectures, Seminars and Conferences

March 2007

Demir, I. 'Trust *within* science', Sociology Seminar Series, University of Leicester

September 2007

Demir, I. 'Trusting *Trusting* scientists', Sociology of Science and Technology Research Network, European Sociological Association (ESA) Conference, Glasgow

Paul Dicken

I submitted my PhD in July; in October, I will be taking up a Research Fellowship at Churchill College.

Publications

Articles in journals

Dicken, P. 'Constructive empiricism and the metaphysics of modality', *British Journal for the Philosophy of Science* 58 (2007)

Lectures, Seminars and Conferences

December 2006

Dicken, P. 'Empiricism and agnosticism in the philosophy of science', What Is This Thing Called Science? A colloquium on the nature of science, Department of Philosophy, Bristol University

February 2007

Dicken, P. 'From manifest image to Musgrave's problem: some comments on van Fraassen's epistemology', Departmental Seminar, Department of History and Philosophy of Science, University of Cambridge

Mary Dobson

In Press

Books

Dobson, M. (2007) *Disease – Thirty Histories and Medical Mysteries*, Quercus

Catherine Eagleton

During this period, as well as several projects that have been keeping her very busy at the British Museum, Katie has been working on a catalogue of the Francis Hookham collection of pocket electronic calculators (in the Whipple), enjoyed delivering some Part II lectures, and received a Neil Ker Memorial Award from the British Academy to enable her to finish work on a book about the navicula sundial.

Publications

Books

Eagleton, C. and Williams, J. (eds) (2007) *Money: A History*, 2nd edition, British Museum Press

Articles in books

Eagleton, C. (2006) 'Medieval sundials and manuscript sources' in S. Kusukawa and I. Maclean (eds) *Transmitting Knowledge: Words, Images and Instruments in Early Modern Europe*, Oxford University Press, 41-72

Articles in journals

Eagleton, C. 'Chaucer's own astrolabe and the relationship between text, image and object', *Studies in History and Philosophy of Science A* 38 (2007), 303-326

Eagleton, C. and Kelleher, R. '1343 and all that. Previously unnoticed documents relating to England's new gold and silver coins', *British Numismatic Journal* 76 (2006), 340-344

Eagleton, C. and Spencer, M. 'Copying and conflation in Geoffrey Chaucer's *Treatise on the Astrolabe*: a stemmatic analysis using phylogenetic software', *Studies in History and Philosophy of Science A* 37 (2006), 237-268

In Press

Books

Eagleton, C. and Fuller, H. (eds) *Money in Africa*, British Museum Research Publications

Articles in books

Eagleton, C. 'Sarah Sophia Banks, Mungo Park, the King of Bambara and four cowrie shells: collecting African money in Georgian England' in C. Eagleton and H. Fuller (eds) *Money in Africa*, British Museum Research Publications

Eagleton, C. 'Oronce Fine's sundials: the sources and influences of *De Solaribus Horologiis*' in A. Marr (ed.) *The Worlds of Oronce Fine: Mathematics, Instruments, and the Book in Renaissance France*, St Andrews Studies in Art History, Vol. II, Paul Watkins Publishing

Eagleton, C. 'More than just exhibitions of coins: the 21st-century money museum and its audiences' in *Proceedings of the Meeting of ICOMON in San José, Costa Rica, October 2005*, Central Bank of Costa Rica

Articles in journals

Eagleton, C. 'John Whethamstede, Abbot of St Albans, on the discovery of the liberal arts and their tools. Or, why were astronomical instruments in late-medieval libraries?', *Mediaevalia*

Lectures, Seminars and Conferences

March 2007

Eagleton, C. 'Sarah Sophia Banks, Mungo Park, the King of Bambara and four cowrie shells: collecting African money in Georgian England', *Money in Africa* conference, British Museum, London

June 2007

Eagleton, C. 'The world in one room: Sarah Sophia Banks and her coin collection', *National Museums and National Narratives* workshop (part of the *NaMu* programme), University of Leicester

August 2007

Eagleton, C. 'Collecting the contemporary: modern money and modern museums', ICOMON annual meeting, Vienna, Austria

Michael Edwards

Michael Edwards is a Junior Research Fellow in History at Christ's College. His PhD thesis (on 'Time and the soul in the seventeenth century') was joint winner of the 2006 Prince Consort Prize.

Publications

Articles in journals

Edwards, M. 'Aristotelianism, Descartes and Hobbes: historiographical review', *Historical Journal* 50 (2007), 449-464

In Press

Articles in journals

Edwards, M. 'Digressing with Aristotle: Hieronymus Dandinus' *De corpore animato* (1610) and the expansion of late Aristotelian philosophy', *Early Science and Medicine* 13:2 (2008)

Articles in books

Edwards, M. (2008) 'Time and perception in late Renaissance Aristotelianism' in S. Knuutila and P. Kärkkäinen (eds) *Theories of Perception in Medieval and Early Modern Philosophy*, Springer

Edwards, M. (2008) 'Medieval philosophy in the late Renaissance: the case of internal and external time in Scotist metaphysics' in K. Eisenbichler (ed.) *Old Wine in New Bottles: Renaissance Uses of the Medieval Past*, Toronto Centre for Reformation and Renaissance Studies, Essays and Studies Series

Lectures, Seminars and Conferences

October 2006

Edwards, M. 'Medieval philosophy in the late Renaissance: time and duration in Scotist metaphysics', *Renaissance Medievalisms* conference, Centre for Reformation and Renaissance Studies, Victoria College, University of Toronto

November 2006

Edwards, M. 'Hobbes and the politics of time', Cambridge Historical Society

June 2007

Edwards, M. 'Time and duration in late Aristotelian psychology, metaphysics and natural philosophy', European Science Foundation workshop on 'Psychology and the other disciplines: a case of cross-disciplinary interaction (1250-1700)', Radboud University, Nijmegen

Nader El-Bizri

Affiliated Lecturer, Department of History and Philosophy of Science, University of Cambridge

Visiting Professor of Visual Culture, University of Lincoln

Research Associate/Managing Editor, The Institute of Ismaili Studies, London

Chercheur Associé, Centre National de la Recherche Scientifique, Paris

Co-Editor of the Kluwer Academic Publishers (Springer) series on 'Islamic Philosophy and Occidental Phenomenology'

Publications

Articles in journals

- El-Bizri, N. 'In defence of the sovereignty of philosophy: al-Baghdadi's critique of Ibn al-Haytham's geometrisation of place', *Arabic Sciences and Philosophy* 17 (2007), 57-80
- El-Bizri, N. 'Being-towards-death: on martyrdom and Islam', *Cristianismo nella storia: Ricerche storiche esegetiche teologiche* 27 (2006), 249-279

Consultancy reports

- El-Bizri, N. (2006) *The Isma'ili Architectural Heritage in Syria*, Geneva: The Aga Khan Trust for Culture

Reviews

- El-Bizri, N. Review of R. Rashed, *Geometry and Dioptrics in Classical Islam*, in *The British Journal for the History of Science* 40 (2007), 124-126

In Press

Articles in books

- El-Bizri, N. 'La phénoménologie et l'optique géométrique' in A. Allard (ed.) *Actes du congrès de la Société Internationale d'Histoire des Sciences et des philosophies Arabes et Islamiques*, Facultés Universitaires Notre-Dame de la Paix
- El-Bizri, N. 'La nature dans la pensée arabe' in N. Tazi (ed.) *La nature, collection les mots du monde*, Editions de la Découverte
- El-Bizri, N. 'God's essence and attributes' in T. Winter (ed.) *Cambridge Companion to Islamic Theology*, Cambridge University Press
- El-Bizri, N. 'Le problème de l'espace' in G.F. Vescovini (ed.) *Oggetto e spazio*, Edizioni del Galluzzo
- El-Bizri, N. 'Some phenomenological and classical corollaries on time' in A.-T. Tymieniecka (ed.) *Timing and Temporality in Islamic Philosophy and Phenomenology of Life*, Kluwer Academic Publishers
- El-Bizri, N. 'Hermeneutics and tradition' in B. Koroglu (ed.) *Rethinking the Classical*, Foundation of Sciences and Arts, Istanbul
- El-Bizri, N. 'Imagination and architectural representations' in M. Frascari, J. Hale and B. Starkey (eds) *From Models to Drawings: On Representation in Architecture*, Routledge
- El-Bizri, N. 'Selected metaphysical epistles (from the collected works of the philosopher Mirza Abu al-Hasan Jilwa) – annotated English translation' in S.H. Nasr and M. Aminrazavi (eds) *An Anthology of Philosophy in Persia*, Oxford University Press
- El-Bizri, N. 'Phenomenology of space and the logos of life' in G. Backhaus (ed.) *The Phenomenology of Life*, Kluwer Academic Publishers
- El-Bizri, N. 'Galen' in I. Saadat (ed.) *Danishnameh Zaban wa Adab Farisi*, Tehran

Articles in journals

- El-Bizri, N. 'Ibn al-Haytham et le problème de la couleur', *Oriens-Occidens: sciences, mathématiques et philosophie de l'antiquité à l'âge classique* (Cahiers du Centre d'Histoire des Sciences et des Philosophies Arabes et Médiévales, CNRS)

Lectures, Seminars and Conferences

December 2006

- El-Bizri, N. 'Space in the phenomenology of life', American Philosophical Association, Eastern Division Meeting, Washington DC

February 2007

- El-Bizri, N. 'Medicine in mediaeval Islamic civilisation', Norwich and Norfolk Medico-Chirurgical Society, Norfolk and Norwich University Hospital

May 2007

- El-Bizri, N. 'A "scholium" on Suhrawardi's epistemology and ontology' (discussant), UCLA, Los Angeles

June 2007

- El-Bizri, N. 'A special relationship – science, philosophy and architecture in the Islamic tradition', Leighton House Museum, Royal Borough of Kensington and Chelsea, London
- El-Bizri, N. 'Reflections on epistemology and the impetus of science in Islamic civilisation', BBC World Service (Arabic)

Jim Endersby

Thanks to research funding from the Newton Trust, I have been on secondment from the History Department, University of Sussex, since September 2006. My main research has been on a major new project on the history of the biology in the twentieth century, the first part of which is tentatively called 'The Englishness of English Biology: 1900–1945'. I am close to completing a journal article on the history of *Oenothera* research. I have been commissioned by Cambridge University Press to prepare a new scholarly edition of Darwin's *Origin of Species*, to be published in 2009 (to coincide with the Darwin bicentenary and the *Origin's* sesquicentenary). I have also been teaching and examining for the Department, and have been Director of Studies in HPS for St John's College and for Churchill College, Cambridge.

Publications

Books

Endersby, J. (2007) *A Guinea Pig's History of Biology: The Animals and Plants Who Taught Us the Facts of Life*, William Heinemann

Reviews

Endersby, J. 'Creative designs?', review of *The Correspondence of Charles Darwin*, Vol. 14 and 15, together with M. Peckham (ed.) *Charles Darwin's Origin of Species: A Variorum Edition*, in *Times Literary Supplement*, No. 5424, 16 March 2007, 3-4

Endersby, J. 'The science of describing', review of B. Ogilvie, *The Science of Describing: Natural History in Renaissance Europe*, in *Times Literary Supplement*, No. 5418, 2 February 2007, 27

Endersby, J. Review of F. Driver and L. Martins, *Tropical Visions in an Age of Empire*, in *Isis* 97 (2006), 749

In Press

Books

Endersby, J. (2008) *Imperial Nature: Joseph Hooker and the Practices of Victorian Science*. The final edited manuscript is now with the University of Chicago Press and is scheduled for publication early in 2008.

Lectures, Seminars and Conferences

February 2007

Endersby, J. 'Joseph Hooker: the making of a botanist', public lecture for the Darwin Festival, Shrewsbury

March 2007

Endersby, J. 'What does a species look like?', paper for the National Maritime Museum one-day workshop on Science and Travel, Cambridge University Museum of Archaeology and Anthropology

April 2007

Endersby, J. 'Joseph Hooker: the making of a botanist', lecture for the Society for the History of Natural History, Royal Botanic Gardens, Kew

June 2007

Endersby, J. "'A sort of wicked satisfaction": Joseph Hooker and the *Flora Indica*', Workshop on the East India Company and the Natural World, Centre for World Environmental History, University of Sussex

Patricia Fara

Publications

Articles in books

Fara, P. (2007) 'Framing the evidence: scientific biography and portraiture' in T. Söderqvist (ed.) *The Poetics of Biography in Science, Technology and Medicine*, Ashgate, 71-91

Articles in journals

Fara, P. 'Tycho Brahe: Emperor of Hven and the Heavens', *Endeavour* 31 (2007)

Fara, P. 'Lunar philosophers', *Endeavour* 31 (2007), 4-6

Fara, P. 'Engineering fame: Isambard Kingdom Brunel', *Endeavour* 30 (2006), 90-91

Reviews

Fara, P. Review of J. Eisenstaedt, *The Curious History of Relativity: How Einstein's Theory of Gravity was Lost and Found Again*, in *Times Literary Supplement*, 30 March 2007, 10

- Fara, P. Review of R. Iliffe, M. Keynes and R. Higgitt (eds) *Early Biographies of Isaac Newton, 1660-1885*, in *Annals of Science* 64 (2007), 127-30
- Fara, P. Review of M. Crosland, *The Language of Science: From the Vernacular to the Technical*, in *Times Literary Supplement*, 22/29 December 2006, 39
- Fara, P. Review of N. Byers and G. Williams (eds) *Out of the Shadows: Contributions of Twentieth-Century Women to Physics*, in *Nature* 444 (2006), 548
- Fara, P. Review of N. Ruppke, *Alexander von Humboldt: A Metabiography*, in *British Journal for the History of Science* 40 (2007), 293-294
- Fara, P. Review of D. Park, *The Grand Contraption: The World as Myth, Number, and Chance*, in *Isis* 97 (2006), 552-553

In Press

Articles in books

- Fara, P. 'Educating Mary: women and scientific literature in the early nineteenth century' in C. Knellwolf (ed.) *Essays on Frankenstein*, Ashgate

Articles in journals

- Fara, P. 'Hidden depths: Halley, hell and other people', *Studies in History and Philosophy of Biological and Biomedical Sciences*
- Fara, P. 'Baron Kelvin of Largs: an economical engineer', *Endeavour*
- Fara, P. 'Alexander von Humboldt: a revolutionary explorer', *Endeavour*
- Fara, P. 'William Harvey, an Aristotelian anatomist', *Endeavour*

Reviews

- Fara, P. Review of C. Smith and R. Arnott (eds) *The Genius of Erasmus Darwin*, in *British Journal for the History of Science*
- Fara, P. Review of A.B. Shteir and B. Lightman (eds) *Figuring it Out: Science, Gender, and Visual Culture*, in *Isis*
- Fara, P. Review of H. Ewing, *The Lost World of James Smithson: Science, Revolution and the Birth of the Smithsonian*, in *Times Literary Supplement*
- Fara, P. Review of D. Edgerton, *The Shock of the Old: Technology and Global History since 1900*, in *British Journal for the History of Science*
- Fara, P. Review of B.W. Ogilvie, *The Science of Describing: Natural History in Renaissance Europe*, in *Renaissance Studies*
- Fara, P. Review of J. Delbourgo, *A Most Amazing Scene of Wonders: Electricity and Enlightenment in Early America*, in *Metascience*
- Fara, P. Review of J. Smith, *Charles Darwin and Victorian Visual Culture*, in *Journal of Victorian Culture*

Lectures, Seminars and Conferences

November 2006

- Fara, P. 'Hyenas and Minervas: attitudes towards women in science's history', Women in Science Conference, King's College, Cambridge

January 2007

- Fara, P. 'Women in science: panel discussion', ASE / Royal Society, Birmingham

March 2007

- Fara, P. 'Hyenas and Minervas: women, science and history', Cambridge Science Festival
- Fara, P. 'Hyenas and Minervas: women, science and history', Hertfordshire Science Festival
- Fara, P. 'Benjamin Franklin', CRASSH, University of Cambridge
- Fara, P. 'Hyenas and Minervas: women, science and history', Rutherford Laboratory, Oxford

April 2007

- Fara, P. 'Science, fiction and *Frankenstein*', Open University Enlightenment day, British Museum

May 2007

- Fara, P. 'Carl Linnaeus', Harrow School

John Forrester

John Forrester was Chair of the Board of History and Philosophy of Science and of the HPS Degree Committee. He was Senior Examiner, NST Part II HPS, and Acting Senior Examiner, MPhil in History, Philosophy and Sociology of Science, Technology and Medicine. He continued to co-convene (with Andreas Mayer and Deborah Thom) the Psy Studies Research Seminar on History of Psychiatry, Psychoanalysis, Psychology and Allied Sciences. He continued to act as co-convenor, with Professor Mary Jacobus of the Faculty of English and Dr Andrew Webber, Department of German, of an interdisciplinary group, Culture and History of Psychoanalysis, sponsored by CRASSH, and its reading group, which across the year was devoted to transcultural extensions of psychoanalysis, film and psychoanalysis, and to theories of phantasy in psychoanalysis. He continues to edit the journal *Psychoanalysis and History*. He continued to act as External Examiner, MSc Psychoanalytic Studies, University of Essex.

With Dr Lauren Kassell, he organised a two-day conference (20-21 April), sponsored by CRASSH and part of the Department's Wellcome Enhancement Award's activities, on 'Cases in Science, Medicine and the Law'. He was also co-sponsor, with Professor Susan Owens of the Department of Geography, of the second period of Professor Sheila Jasanoff's tenure as Visiting Leverhulme Professor in Cambridge in the Easter Term.

Publications

Articles in books

Forrester, J. (2006) 'Sigmund Freud' in J. Merriman and J. Winter (eds) *Encyclopedia of Modern Europe: Europe 1789 to 1914 – Encyclopedia of the Age of Industry and Empire*, Charles Scribner's Sons

Forrester, J. (2006) 'Introduction' in Sigmund Freud, *Interpreting Dreams*, trans. J.A. Underwood, Penguin, vii-liv

Articles in journals

Campbell, M.B., Daston, L., Davidson, A.I., Forrester, J. and Goldhill, S. 'Enlightenment now: concluding reflections on knowledge and belief', *Common Knowledge* 13 (2007), 'A "dictatorship of relativism"?' Symposium in response to Cardinal Retzinger's last homily', 429-450

Forrester, J. 'Historical notes on the relations between medicine and psychoanalysis', *Transactions of the Medical Society of London* (2007), 63-73

Forrester, J. 'Remembering and forgetting Freud in early twentieth century dreams', *Science in Context* 19 (2006), 65-85

Forrester, J. 'Archaeologist of the mind', *Art Quarterly*, Spring 2006, 50-53

In Press

Articles in books

Forrester, J. (2007) 'The psychoanalytic case: voyeurism, ethics, epistemology in Robert Stoller's *Sexual Excitement*' in A.N.H. Creager, E. Lunbeck and M. Norton Wise (eds) *Science Without Laws: Model Systems, Cases, Exemplary Narratives*, Duke University Press

Forrester, J. 'Supplement' entry on 'Freud, Sigmund', *Dictionary of Scientific Biography*

Articles in journals

Forrester, J. 'On Kuhn's case: psychoanalysis and the paradigm', *Critical Inquiry* 33:3 (2007)

Lectures, Seminars and Conferences

March 2007

Forrester, J. 'Robert J. Stoller and the invention of gender', Interdisciplinary Workshop on Reproduction, Department of History and Philosophy of Science, University of Cambridge

April 2007

Forrester, J. 'The destiny of psychoanalysis and the failure of scientific naturalism', The Origins of Norms: The Place of Value in a World of Nature, The Philoctetes Center for the Multidisciplinary Study of Imagination and The Heyman Center for the Humanities at Columbia University, New York

May 2007

Forrester, J. 'Evidence from the psychoanalytic case: voyeurism, ethics, epistemology in Robert Stoller's *Sexual Excitement*', paper circulated for discussion by Psychoanalysis Think-Tank session on Evidence, British Psychoanalytic Society, London

Axel Gelfert

Axel spent the past academic year first as a Postdoctoral Fellow, then (since August 2007) as a Visiting Fellow in the Department of Philosophy, National University of Singapore. He has since been offered a tenure-track Assistant Professorship, to be based in the Department of Philosophy at NUS, which will be funded by a major new STS Research Cluster at the Faculty of Arts and Social Sciences. Over the past year, he has also become involved in the organisation of a conference on Science, Technology and Values in the Development of Asian Societies, to be held in Singapore in July 2008.

Publications

Articles in journals

Gelfert, A. 'Kant on testimony', *British Journal for the History of Philosophy* 14 (2006), 627-652

Reviews

Gelfert, A. Critical notice of T. Demeter (ed.) *Essays on Wittgenstein and Austrian Philosophy*, in *Logical Analysis and History of Philosophy* 10 ('Philosophy of Mind') (2007), 206-211

In Press

Articles in books

Gelfert, A. 'Education and the Republic of Science' in C. Tan (ed.) *Philosophical Reflections for Educators*, Singapore: Thomson Learning

Articles in journals

Gelfert, A. 'Rigorous results, cross-model justification, and the transfer of empirical warrant', *Synthese*

Gelfert, A. 'Lektionen für die Elite', *Deutsche Universitätszeitung (DUZ Magazin)* (2007)

Lectures, Seminars and Conferences

March 2007

Gelfert, A. 'Testimonial warrant and the incoherence of local reductionism', Department of Philosophy, National University of Singapore

May 2007

Gelfert, A. 'Coherence and indirect confirmation across scientific models: a case study and its epistemological implications', Department of History, Philosophy, and Social Studies of Science and Technology, Graduate School of Decision Science and Technology, Tokyo Institute of Technology, Tokyo, Japan

Gelfert, A. 'Learning from others: testimony and the cognitive role of culture', International Conference on Cognition and the Study of Culture, Zhejiang University, Hangzhou, China

July 2007

Gelfert, A. 'Model-based representation and the minimality constraint', Annual Conference of the British Society for the Philosophy of Science, University of Bristol

August 2007

Gelfert, A. 'Philosophy of science and technology: implications for professionals in education', Doctor of Education (EdD) Dual Award Programme (NIE Singapore/University of London IoE), National Institute of Education, Singapore

September 2007

Gelfert, A. 'Scientific models, simulation, and the experimenter's regress', Science, Technology and Society Research Cluster, National University of Singapore

Jeremy Gray

Publications

Books

Gray, J.J. (2006) *Worlds out of Nothing: A Course on the History of Geometry in the 19th Century*, Springer

Gray, J.J. and Parshall, K.H. (eds) (2007) *Episodes in the History of Modern Algebra*, American and London Mathematical Societies Series in the History of Mathematics

Articles in books

- Gray, J.J. (2006) 'Gauss and non-Euclidean geometry' in A. Prékopa and E. Molnar (eds) *Non-Euclidean Geometries: János Bolyai Memorial Volume*, Springer, 61-80
- Gray, J.J. (2006) 'Enriques: popularising science and the problems of geometry' in V.F. Hendricks, K.F. Jorgensen, J. Lützen and S.A. Pedersen (eds) *Interactions: Mathematics, Physics, and Philosophy, 1850-1940*, Boston Studies in the Philosophy of Science, 251, Springer 135-154

In Press

Books

- Gray, J.J. (2008) *Plato's Ghost – Mathematics and Modernism at the End of the Nineteenth Century*, Princeton University Press

Articles in books

- Gray, J.J. (2008) 'Geometry, history of', *Princeton Companion to Mathematics*, Princeton University Press
- Gray, J.J. (2008) 'Geometry', *New Dictionary of the History of Ideas*, New York: Scribner's
- Gray, J.J. (2008) Biographical articles for the *New Dictionary of Scientific Biography*: Ahlfors, Hilbert, Kodaira, Morse and Zygmund

Articles in journals

- Gray, J.J. and Micallef, M. 'The work of Jesse Douglas on minimal surfaces', *Bulletin of the American Mathematical Society* (2008)

Lectures, Seminars and Conferences

January 2007

- Gray, J.J. 'Mathematicians and the First World War – the British case', Société Mathématique de France, Luminy, France

March 2007

- Gray, J.J. 'Poincaré and the popularisation of mathematics 100 years ago', The Enriques Lecture, University of Milan
- Gray, J.J. 'Nineteenth century analysis as philosophy of mathematics', Perspectives on Mathematical Practices 2007, Brussels

April 2007

- Gray, J.J. 'The domestication of hyperspace (Bianchi and Thurston)', Qu'est-ce que la géométrie aux époques modernes et contemporaines, Société Mathématique de France, Luminy, France

William Grundy

William Grundy is completing his PhD in the Department of History and Philosophy of Science. From August 2006 to May 2007, he was a visiting assistant professor in the Department of Philosophy at the University of Colorado at Boulder.

In Press

Articles in journals

- Grundy, W. 'Cinema as sacrifice: Borat and the culture industry', *Film and Philosophy* 12 (2007)

Lectures, Seminars and Conferences

April 2007

- Grundy, W. 'Therapy and philosophical writing', Department of Philosophy, University of Colorado
- Grundy, W. 'Borat as political theory', Philosophy and Film series, University of Colorado

June 2007

- Grundy, W. 'Mitchell, Wittgenstein, therapy', Centre for Research in the Arts, Social Sciences and Humanities, University of Cambridge

Nick Hopwood

Nick Hopwood, a senior lecturer in the Department, continued to manage the Department's Wellcome enhancement award and convened the history of medicine strand of the new BBS Part II course in History and Ethics of Medicine, which attracted 45 students. He co-organised the History of Modern Medicine and Biology seminars (with Tatjana Buklijas), the Generation to Reproduction seminars (with Laurence Totelin) and several workshops: 'Temporalizing the great chain of being: a reappraisal after 70 years' (with Jim Secord and Simon Schaffer); 'Microscope slides: reassessing a neglected historical resource' (with Ilana Löwy, in Berlin); and two day-events on reproduction (with Zeynep Gürtin-Broadbent). Bringing together researchers from across the University, the reproduction workshops inaugurated the Cambridge Interdisciplinary Reproduction Forum, a CRASSH graduate/faculty research group to which Hopwood is an advisor. He also joined the editorial board of *History and Philosophy of the Life Sciences*. He will be on Wellcome-funded research leave in 2007–8.

Publications

Articles in journals

Hopwood, N. 'A history of normal plates, tables and stages in vertebrate embryology', *International Journal of Developmental Biology* 51 (2007), 1-26

Hopwood, N. 'Artist versus anatomist, models against dissection: Paul Zeiller of Munich and the Revolution of 1848', *Medical History* 51 (2007), 279-308

Reviews

Hopwood, N. Review of H. Landecker, *Culturing Life: How Cells Became Technologies*, in *Nature* 446 (2007), 139-140

In Press

Articles in books

Hopwood, N. (2008) 'Embryology' in P.J. Bowler and J.V. Pickstone (eds) *The Cambridge History of Science*, vol. 6: *The Modern Biological and Earth Sciences*, Cambridge University Press

Lectures, Seminars and Conferences

February 2007

Hopwood, N. 'Making embryos and embryologists: wax models and portrait sculpture', Programme in Medical Humanities, University of Bristol

March 2007

Hopwood, N. 'Constructing identities for embryologists and embryos: a sculptural portrait from 1900', Centre for the History of Medicine, University of Warwick

Hopwood, N. 'Icons of evolution: alleged forgeries as textbook illustrations', Division of History and Philosophy of Science, University of Leeds

April 2007

Hopwood, N. 'Anatomist holds model embryo: a marble portrait from 1900', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

June 2007

Hopwood, N. 'How alleged forgeries became the dominant icons of evolutionary embryology', REHSEIS, Université Paris 7 Denis Diderot

July 2007

Hopwood, N. "'Skandalon": Haeckel's pictures of embryos in the struggle of world views', ISHPSSB Conference, University of Exeter

September 2007

Hopwood, N. 'Models and dissection from La Specola to the Visible Human Project', Leverhulme workshop on 'Anatomy in context', McDonald Institute for Archaeological Research, University of Cambridge

Annette Imhausen

At the beginning of this year, Annette Imhausen became associate editor of *Historia Mathematica*. She has been assistant editor for *Brill's New Pauly* (volumes 8-11). After having taught for two terms at Johannes Gutenberg University (Mainz, Germany), Annette Imhausen gave birth to daughter Emma Grace early this year and has been on maternity leave since. She will return to her position at Mainz in April 2008.

Publications

Articles in books

Imhausen, A. (2007) 'Egyptian mathematics' in V. Katz (ed.) *The Mathematics of Egypt, Mesopotamia, China, India and Islam: A Sourcebook*, Princeton University Press, 7-56

Nick Jardine

Nick Jardine served as Departmental Director of Graduate Studies, and as a member of the Botanic Garden Syndicate, the University's Journal Coordination Working Group, and the British Academy's Review of Peer Review Panel. With Marina Frasca-Spada he has 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. As in previous years, he has played a part in the organisation of the Latin and Greek Therapy Groups, Cabinet of Natural History, and Kant Reading Group. The British Academy and the CNRS have supported the project 'Conflict and priority in early-modern astronomy', carried out in collaboration with Alain Segonds (CNRS, Paris), Miguel Granada (University of Barcelona), Dieter Launert (Gymnasium, Meldorf), and Adam Mosley (University of Swansea).

Publications

Articles in journals

Jardine, N. 'Kepler as castigator and historian: his preparatory notes for *Contra Ursum*', *Journal for the History of Astronomy* 37 (2006), 257-297

Jardine, N. 'Imagineering the astronomical revolution' (an essay review of recent works on early-modern astronomical imagery), *Journal for the History of Astronomy* 37 (2006), 471-484

Jardine, N. 'Dead questions and vicarious understandings: questioning Gadamer's genealogy', *Journal for the Philosophy of History* 1 (2007), 66-82

In Press

Books

Jardine, N. and Segonds, A. *La Guerre des astronomes*, vol. 1: *La Querelle au sujet de l'origine du système géohéliocentrique à la fin du XVIe siècle*, and vol. 2: *Kepler, Contre Ursus/Apologia pro Tychone contra Ursum, édition critique, traduction, notes*, Paris: Les Belles Lettres

Articles in books

Jardine, N. 'Philosophy of the history of science' in A. Tucker (ed.) *Blackwell Companion to Philosophy of History and Historiography*

Jardine, N. 'Kepler, God, and the virtues of Copernican hypotheses' in M.A. Granada (ed.) *Nouveau ciel, nouvelle terre*, Paris: Les Belles Lettres

Jardine, N. 'Alexandre Koyré: the art of interpretation and the historiography of thought' in P.C. Kjaergaard (ed.) *Perspectives in the History of Ideas*, Aarhus University Press

Richard Jennings

Richard Jennings continues to supervise about half of the HPS IB students in philosophy of science, and directs the studies of about a third of them. In addition to giving Department lectures on Ethics in Science, he runs workshops on Ethical Problems in the Use and Practice of Science for the Graduate Programme at the Wellcome Trust Sanger Institute. He gives an introductory course of eight lectures on Professional Practice and Ethics to the first year Computer Science Tripos students, and examines this subject. He continues to play an active role in the Ethics Expert Panel of the British Computer Society (BCS), which takes a proactive part in advising the BCS on issues of professional ethics. In July and August he taught History of Natural Philosophy to US students participating in the Pembroke/King's 2007 summer school programme, which included examining and marking.

Publications

Reviews

Jennings, R. Review of M. Leach and I. Scoones, *The Slow Race: Making Technology Work for the Poor*, in *SGR/AESR Newsletter*, Summer 2007, 24

Jennings, R. Review of *Dr Hadwen Trust Science Review 2006: Showcasing Successes in Non-Animal Research*, in *SGR/AESR Newsletter*, Summer 2007, 24

Jennings, R. Review of D. Edwards and D. Cromwell, *Guardians of Power: The Myth of the Liberal Media*, in *SGR/AESR Newsletter*, Winter 2007, 19

Lectures, Seminars and Conferences

February 2007

Scientists for Global Responsibility stall at 'The Works' – Cambridge University's alternative careers fair

Jennings, R. 'Nanoscience – WHAT ethical issues?', Nanoscience Centre, Cambridge

May 2007

Workshops on Ethical Conduct of Research, Welcome Trust Sanger Institute

June 2007

Workshops on Ethical Problems in the Use and Practice of Science, Welcome Trust Sanger Institute

Jennings, R. 'Ethical issues in science', a one-day event of discussion and workshops for Sixth Form students, funded by the Sutton Trust

September 2007

Jennings, R. 'Public responsibilities of IT professionals', Charity IT Resource Alliance, London

Stephen John

Publications

Articles in journals

John, S.D. 'How to take deontological concerns seriously in risk-cost-benefit-analysis: a reinterpretation of the precautionary principle', *Journal of Medical Ethics* 33 (2007), 221-224

In Press

Articles in books

John, S.D. (2007) 'Ordinary and extraordinary means' in A. Dawson, J. McMillan and R. Ashcroft (eds) *Principles of Healthcare Ethics*, 2nd edition, John Wiley and Sons

John, S.D. (2007) 'Do we have a moral obligation to participate in medical research?' in J. McMillan (ed.) *Beyond Consent*, Oxford University Press

Peter Jones

Publications

Articles in books

Jones, P.M. (2006) 'Word and image in medieval medicine' in J. Givens, K. Reeds and A. Touwaide (eds) *Visualizing Medieval Medicine and Natural History, 1200-1550*, Ashgate, 1-24

Jones, P.M. (2006) 'Medical libraries' in E. Leedham-Green and T. Webber (eds) *A History of Libraries in Britain and Ireland*, vol. 1, Cambridge University Press, 461-471

Jones, P.M. (2007) 'Picturing medicine in the age of Petrarch' in T. Pesenti and V. Fera (eds) *Petrarca e la Medicina. Atti del Convegno di studi, Capo d'Orlando, 27-28 giugno 2003, Messina*, Centro Interdipartimentale di Studi Umanistici

Jones, P.M. (2007) 'Amulets: prescriptions and surviving objects from late medieval England' in S. Blick (ed.) *Beyond Pilgrim Souvenirs and Secular Badges: Essays in Honour of Brian Spencer*, Oxbow Books

In Press

Articles in books

Jones, P.M. and Burnett, C. (2007) 'Scientific and medical books' in N.J. Morgan and R.M. Thomson (eds) *The Cambridge History of the Book in Britain*, vol. II: *The Manuscript Book c.1100-1400*, Cambridge University Press

Jones P.M. (2007) 'Herbs and the medieval surgeon' in P. Dendle and A. Touwaide (eds) *Health and Healing in the Medieval Garden*, Boydell & Brewer

Articles in journals

Jones, P.M. 'The *Tabula Medicinae*: an evolving encyclopedia', *English Manuscript Studies 1100-1700* 13 (2007)

Lectures, Seminars and Conferences

October 2006

Jones, P.M. 'Bloomsbury and King's', Legacy Lunch, King's College, Cambridge

March 2007

Jones, P.M. 'Mediating collective experience – the *Tabula Medicine* (1416-25) as a handbook for medical practice', Between Text and Patient: The Medical Enterprise in Medieval & Early Modern Europe, University of North Carolina at Chapel Hill

June 2007

Jones, P.M. 'Carrington, Virginia Woolf and the Cambridge owls: two female visitors to Cambridge, 1928', Society for the History of the University, Cambridge

Jones, P.M. 'The Dent collection at King's College, Cambridge', The Dent Symposium, King's College, Cambridge

July 2007

Jones, P.M. 'Witnesses to medieval medical practice', Healing and the Harleian Collection: Medieval Medical Manuscripts Revealed, Warburg Institute

July and August 2007

Jones, P.M. 'Bloomsbury and English culture in the twentieth century', Pembroke/King's Programme, University of Cambridge

September 2007

Jones, P.M. 'All for one and one for all: the Cambridge College Libraries Conservation Consortium', The Parker Library Now, Corpus Christi College, Cambridge

Lauren Kassell

Lauren Kassell spent the year on leave, funded as part of the Wellcome Trust Enhancement Award. Her *Medicine and Magic in Elizabethan London: Simon Forman, Astrologer, Alchemist, and Physician* (Oxford, 2005) came out in paperback. She joined the editorial boards of *Social History of Medicine* and *Renaissance Studies*.

Publications

Reviews

Kassell, L. Review of W.R. Newman, *Atoms and Alchemy: Chymistry and the Experimental Origins of the Scientific Revolution*, in *Historical Studies in the Physical and Biological Sciences* 37 (2007), 181-182

Kassell, L. Review of G. Pomata and N.G. Siraisi (eds) *Historia: Empiricism and Erudition in Early Modern Europe*, in *Social History of Medicine* 20 (2007), 196-198

In Press

Books

Kassell, L. and Raymond, J. (eds) (2008) *Conversations with Angels: Essays Towards a History of Spiritual Communication, 1100-1700*, Basingstoke: Palgrave Macmillan

Articles in books

Kassell, L. (2007) 'Magic, alchemy and the medical economy in Early Modern England: the case of Robert Fludd's magnetical medicine' in M.S.R. Jenner and P. Wallis (eds) *Medicine and the Market in England and its Colonies, c.1450 – c.1850*, Basingstoke: Palgrave Macmillan, 88-107

Kassell, L. 'Health and disease' in L. Kalof and W. Bynum (eds) *A Cultural History of the Human Body in the Renaissance*, Oxford International Publishers

Kassell, L. 'Science, medicine and magic' in S. Doran and N. Jones (eds) *The Elizabethan World*, London: Routledge

Kassell, L. 'Almanacs and prognostications' in J. Raymond (ed.) *The (Oxford) History of Popular Print Culture: Volume 1: Britain to 1660*, Oxford University Press

Kassell, L. 'Invisible College', *New Dictionary of National Biography*, Oxford University Press

Kassell, L. 'Astrology', 'Potions/drugs', 'Magic', 'Alchemy' and 'Simon Forman' in P. Parker (ed.) *The Greenwood Shakespeare Encyclopedia*, 5 vols, Westport, Connecticut: Greenwood Publishing

Kassell, L. 'Alchemical books' in M.F. Suarez and H. Woudhuysen (eds) *The Oxford Companion to the Book*, Oxford University Press

Articles in journals

Kassell, L. 'Secrets revealed: alchemical books in Early Modern England', *History of Science*

Reviews

- Kassell, L. Essay review of H. MacDonald, *Human Remains: Dissection and Its Histories* and K. Park, *Secrets of Women: Gender, Generation, and the Origins of Human Dissection*, in *London Review of Books*
- Kassell, L. Review of H. Trevor-Roper, *Europe's Physician: The Various Life of Sir Theodore de Mayerne*, in *Renaissance Quarterly*
- Kassell, L. Review of G.E. Szonyi, *John Dee's Occultism: Magical Exaltation through Powerful Signs*, in *Aries: Journal for the Study of Western Esotericism*
- Kassell, L. Review of W.J. Hanegraaff (ed.) *Dictionary of Gnosis & Western Esotericism*, in *Isis*

Lectures, Seminars and Conferences

September 2006

- Kassell, L., Carey, H. and Ralley, R. *Astrology and the Body, 1100-1800*, a two-day conference funded by the British Academy and the Williamson Fund
- Kassell, L. 'Sex on the brain: Helkiah Crooke's *Microcosmographia* (1615), gender and medicine in Early Modern England', Department of History, Washington University, St. Louis
- Kassell, L. 'Magnetical medicine: the healing virtues of invisible things in seventeenth-century England', Department of History, Washington University, St. Louis

October 2006

- Kassell, L. 'Astrology and medicine in Early Modern England: the casebooks of Simon Forman revisited', *Knowledge, Science and Beliefs in India, Europe and the Islamic World*, Maison Française d'Oxford

February 2007

- Kassell, L. 'Book-cases, case-histories and account-books: astrology, medicine and the English casebook explained', Cultural History of Medicine Seminar, Goldsmiths, University of London

April 2007

- Kassell, L. "'Ceremonial, Superstitious Trash": Thomas Vaughan's alchemy and the reform of ritual magic in seventeenth-century England', *Models of Intellectual History*, International Society for Intellectual History Conference, Birkbeck, University of London
- Kassell, L. and Forrester, J. *Cases in Science, Medicine and Law*, a two-day conference funded by CRASSH and the Wellcome Trust Enhancement Award

June 2007

- 'Renaissance astrology' with Melvyn Bragg, *In Our Time*, BBC Radio 4

Melanie Keene

Melanie has joined the Outreach and Education Committee of the British Society of the History of Science, and the History of Science Section of the British Association for the Advancement of Science. An unforeseen consequence of this has been contracting a bout of seventeenth-century plague. She continues to organise the Science and Literature Reading Group.

Publications

Articles in journals

- Keene, M. "'Every Boy & Girl a Scientist": instruments for children in interwar Britain', *Isis* 98 (2007), 266-289

Reviews

- Keene, M. Review of C. Preston, *Bee*, J. Burt, *Rat*, and J. Roman, *Whale*, in *Viewpoint* 83 (June 2007), 12-13

In Press

Articles in books

- Keene, M. (2007) 'An object in every walk: Gideon Mantell and the art of seeing pebbles' in H. Macdonald and F. Reid (eds) *Objects of Natural History*

Articles in journals

- Keene, M. (2007) 'Making chemistry your cup of tea: early Victorian household education', *Endeavour*

Lectures, Seminars and Conferences

October 2006

Keene, M. “‘Bangs and stinks’: Ede’s “Youth’s Laboratories” and the smell of useful knowledge’, History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

Keene, M. ‘Science in sport’, Lunchtime Seminar, National Maritime Museum

November 2006

Keene, M. ‘Singing saurians: the voices of geology in John Mill’s *Fossil Spirit* (1854)’, CIRCL Seminar, University of Reading

January 2007

Keene, M. “‘Bangs and stinks and colour-changes’”: making senses with Ede’s “Youth’s Laboratory” in 1837’, BSHS Postgraduate Conference, Durham University

March 2007

Keene, M. ‘Robert Hunt and the genres of science-writing’, British Society for Literature and Science Conference, Birmingham

June 2007

Keene, M. ‘Making chemistry your cup of tea: early Victorian household education’ in ‘Cultures of domestic chemistry’ (panel organiser); ‘How and why ventriloquise a scientific object? A historical survey’ (outreach and education session); participant in plague role-play event (outreach and education session), BSHS Annual Conference, University of Manchester

July 2007

Keene, M. ‘An active nature: Robert Hunt and the genres of science-writing’, Varieties of Cultural History Conference, University of Aberdeen

September 2007

Keene, M. “‘Nothing but Facts’? Object lessons in early Victorian science education’; participant in plague role-play educational activity, British Association for the Advancement of Science ‘Festival of Science’, York

Peter C. Kjærgaard

During his visiting fellowship at the Centre for Research in the Arts, Social Sciences and Humanities (CRASSH) in spring and summer 2007, Peter C. Kjærgaard has been a visiting scholar at HPS, working mostly on the history of evolution and popular Darwin myths. Peter C. Kjærgaard is Associate Professor in History of Science at the Department of Philosophy and History of Ideas, University of Aarhus. He has recently been appointed chair of the newly launched Aarhus Network for Science, Technology and Medicine Studies and is director of Darwin in Denmark. For the British Society for the History of Science he is chairing the Communication Coordination Committee.

Publications

Books

Kjærgaard, P.C., Fink, H., Kragh, H. and Kristensen, J.E. (2007) *Universitet og videnskab: Universitetets idéhistorie, videnskabsteori og etik* [University and Science: A History of the Universities, Science and Ethics], second printing, Hans Reitzels Publishers

In Press

Books

Kjærgaard, P.C. (ed.) (2007) *History and Ideas: Science, Politics, Philosophy*, Aarhus University Press

Kjærgaard, P.C. (2008) *Evolution*, Aarhus University Press

Kjærgaard, P.C., Kragh, H., Nielsen, H. and Nielsen, K.H. (2008) *A History of Science in Denmark*, Aarhus University Press

Articles in books

Kjærgaard, P.C., Gregersen, N.H. and Hjermitslev, H.H. (2008) ‘Darwinizing the Danes 1859-1909’ in T. Glick and E.-M. Engels (eds) *The Reception of Charles Darwin in Europe*, Continuum

Kjærgaard, P.C. (2008) ‘Ludwig og Hans-Jørgen: teknik, kritik og begejstring’ in P.A. Sørensen, J. Carlsen and O. Morsing (eds) *Festschrift for Hans-Jørgen Schanz*, Modtryk Publishers

Kjærgaard, P.C. and Kristensen, J.E. (2007) ‘Drømmen om enhed: oplysningstidens akademiske verden’ in O. Høiris (ed.) *Oplysningstiden*, Aarhus University Press

- Kjærgaard, P.C. (2007) 'Thomas Henry Huxley (1825-1895)' in J.E. Kristensen et al. (eds) *Universitetshistoriske tekster*, Aarhus University Press
- Kjærgaard, P.C., Andersen, C. and Munk Jensen, A. (2007) 'Thomas Henry Huxley: Tale om universitetsuddannelse' (translation and commentary) in J.E. Kristensen et al. (eds) *Universitetshistoriske tekster*, Aarhus University Press
- Kjærgaard, P.C. (2007) 'Naturvidenskaben i den idéhistoriske tradition' in R. Karlsson et al. (eds) *Perspektiver på idéhistorien*, Copenhagen

Lectures, Seminars and Conferences

May 2007

Kjærgaard, P.C. 'Myths and legends: historians and contemporary public understanding of science', CRASSH, University of Cambridge

June 2007

Kjærgaard, P.C. 'Making electricity news: mediation and communication in the popular press', CHSTM, University of Manchester

July 2007

Kjærgaard, P.C. 'Evolution and creation in Europe', Science and Religion: Historical and Contemporary Perspectives, University of Lancaster

Martin Kusch

In 2006-7 Martin Kusch acted as Part II Manager. He organised the Scepticism Reading Group, the Third Annual Workshop in the Philosophy of the Social Sciences, and the STS Workshop.

Publications

Articles in books

- Kusch, M. (2007) 'Folk psychology and the free will' in M. Ratcliffe and D. Hutto (eds) *Folk Psychology Re-assessed*, Springer, 175-188
- Kusch, M. (2007) 'Towards a political philosophy of risk: experts and publics in deliberative democracy' in T. Lewens (ed.) *Risk: Philosophical Perspectives*, Routledge, 131-155
- Kusch, M. (2007) 'Rule scepticism: Searle's criticism of Kripke's Wittgenstein' in S.L. Tsohatzidis (ed.) *John Searle's Philosophy of Language: Force, Meaning and Mind*, Cambridge University Press, 143-166

Online articles

Kusch, M. (2007) 'Psychologism', *Stanford Encyclopedia of Philosophy*, <http://plato.stanford.edu/entries/psychologism/>

In Press

Articles on books

- Kusch, M. (2008) 'Barnes on the freedom of the will' in M. Mazzotti (ed.) *Knowledge as Social Order: Rethinking the Sociology of Barry Barnes*, Ashgate
- Kusch, M. (2008) 'Niiniluoto on finitism' in S. Pihlström (ed.) *Festschrift for Ilkka Niiniluoto*, University of London Press
- Kusch, M. (2008) 'Testimony and the value of knowledge' in D. Pritchard (ed.) *Value-Driven Epistemology*, Oxford University Press

Lectures, Seminars and Conferences

October 2006

Kusch, M. 'Sunstein on science and democracy: a critique', invited plenary lecture, Ferroics Conference, Cambridge

November 2006

Kusch, M. 'Anti-Boghossian', Conference on 'Against Relativism and Constructivism', invited lecture, Institute of Philosophy, London

December 2006

Kusch, M. 'Testimony and the value of knowledge', invited lecture, Spanish Association for the Philosophy of Science Annual Conference, Granada

February 2007

Kusch, M. 'Testimony and the value of knowledge', STS Workshop, Department of History and Philosophy of Science, University of Cambridge

Kusch, M. 'Towards a political philosophy of risk', Department of Social Sciences and Humanities and Royal Institute of Philosophy, University of Bradford

March 2007

Kusch, M. 'Kripke versus Searle on rule-following', UNED University, Madrid

April 2007

Kusch, M. 'Towards a political philosophy of risk', Department of Philosophy and Royal Institute of Philosophy, Durham University

Kusch, M. 'Testimony and the value of knowledge', Department of Philosophy, Durham University

Kusch, M. 'A comment on Ted Porter's lecture', Conference on *Cases in Science, Medicine and Law*, CRASSH, University of Cambridge

May 2007

Kusch, M. 'Testimony', invited lecture, Conference on Science Studies, University of Tartu, Estonia

June 2007

Kusch, M. 'A comment on Sheila Jasanoff's Leverhulme Lectures', HPS and Geography, University of Cambridge

Kusch, M. 'Testimony and the value of knowledge', Department of Philosophy, Bristol University

Gerald Kutcher

Publications

Articles in books

Kutcher, G. (2006) 'Cancer clinical trials and the transfer of medical knowledge: metrology, contestation and local practice' in C. Timmermann and J. Anderson (eds) *Devices and Designs: Medical Innovations in Historical Perspective*, Palgrave Macmillan (Science, Technology and Medicine in Modern History series)

In Press

Articles in journals

Kutcher, G. 'A case of human experimentation: the patient as subject, object and martyr', *Social History of Medicine*

Lectures, Seminars and Conferences

November 2006

Kutcher, G. 'Representations of suffering and survival in cancer clinical trials', Society for the Social Studies of Science, Vancouver, BC

March 2007

Kutcher, G. 'Post-World War II cancer clinical trials in the US: the rise of the chemotherapists and the governance of research', Sites and Styles Workshop, University of Manchester

Wang-Yen Lee

Publications

Articles in journals

Lee, W.-Y. 'A pragmatic case against pragmatic scientific realism', *Journal for General Philosophy of Science* (2007)

In Press

Articles in journals

Lee, W.-Y. 'A pragmatic case against pragmatic theological realism', *The Heythrop Journal: A Quarterly Review of Philosophy and Theology* (2008). The Chinese translation of this paper has been accepted for publication in 2008 in *Logos and Pneuma: Chinese Journal of Theology* (Hong Kong).

Lectures, Seminars and Conferences

November 2006

Lee, W.-Y. 'The probative force and dialectical value of structure-orientated second-order abductive arguments for scientific realism', First Conference of the European Philosophy of Science Association, Complutense University, Madrid

August 2007

Lee, W.-Y. 'The no-new-evidence objection to the no-miracle argument for scientific realism', 13th International Congress of Logic, Methodology and Philosophy of Science, Tsing Hua University, Beijing

Lee, W.-Y. 'Does Plantinga's evolutionary argument against naturalism work if the probability that our cognitive faculties are reliable is inscrutable?', Philosophical Seminar, Department of Philosophy, National University of Singapore

Elaine Leong

Elaine Leong, covering for Lauren Kassell, lectured on IB, HEM and Papers 2 and 7. In addition, she acted as Paper 7 manager and co-organised the Early Medicine and Natural Philosophy Seminar with Lauren Kassell and Alisha Rankin. She is currently taking up a short-term research fellowship at the Folger Shakespeare Library in Washington, DC and is a Leverhulme Research Fellow in History at the University of Warwick. Her project is titled *Reading for Cures: Texts, Readers and Lay Medical Practice in Early Modern England*.

In Press

Articles in books

Leong, E. and Pennell, S. (2007) 'Recipe collections and the currency of medical knowledge in the early modern "medical marketplace"' in M. Jenner and P. Wallis (eds) *The Medical Marketplace and Its Colonies c.1450-c.1850*, Palgrave Macmillan, 133-152

Articles in journals

Leong, E. 'Making medicines in the early modern household', *Bulletin of the History of Medicine* (2008)

Reviews

Leong, E. Review of L. Hill Curth (ed.) *From Physick to Pharmacology: Five Hundred Years of British Drug Retailing*, in *Economic History Review*

Lectures, Seminars and Conferences

February 2007

Leong, E. 'Cordial waters, copper pots and closets: medicines in the early modern household', Centre for the History of Medicine, University of Warwick

Tim Lewens

Tim Lewens remains a Senior Lecturer in the Department, where he was also MPhil Manager in 2006-7. He has continued his editorial work updating the philosophy of biology section of the *Routledge Encyclopedia of Philosophy*, and he is now an Associate Editor of *Studies in History and Philosophy of Biological and Biomedical Sciences*. He became a committee member of the British Society for the Philosophy of Science.

Publications

Books

Lewens, T. (2007) *Darwin*, Routledge

Lewens, T. (ed.) (2007) *Risk: Philosophical Perspectives*, Routledge

Articles in books

Lewens, T. (2007) 'Functions' in M. Matthen and C. Stephens (eds) *Handbook of Philosophy of Biology*, Elsevier, 537-559

Lewens, T. (2007) 'Risk and philosophy' in T. Lewens (ed.) *Risk: Philosophical Perspectives*, Routledge

Articles in journals

Lewens, T. 'Darwinism and metaphysics', *Metascience* 16 (2007), 61-69

Lewens, T. 'Flagellant priests', *Biology and Philosophy* 21 (2007), 411-421

Reviews

- Lewens, T. Review of K. Stanford, *Beyond our Grasp*, in *Science* 313 (2006), 1047-1048
Lewens, T. Review of M. Ruse, *Darwinism and its Discontents*, in *The Philosophers Magazine* 36 (2007)

In Press

Articles in books

- Lewens, T. (2007) 'Adaptation' in D. Hull and M. Ruse (eds) *The Cambridge Companion to the Philosophy of Biology*
Lewens, T. (2008) 'Innovation and population' in U. Krohs and P. Kroes (eds) *The Comparative Philosophy of Biological Organisms and Technical Artifacts*, MIT Press

Online articles

- Lewens, T. (2007) 'Natural selection and adaptation' in E. Craig (ed.) *Routledge Encyclopedia of Philosophy*, online edition
Lewens, T. (2007) 'Cultural evolution', *Stanford Encyclopedia of Philosophy*

Lectures, Seminars and Conferences

October 2006

- Lewens, T. 'Forces and causes, probabilities and populations: clarifying the metaphysics of selection', Boston Colloquium in the Philosophy of Science, Boston University

November 2006

- Lewens, T. 'Darwin and philosophy', Clare College, Cambridge

March 2007

- Lewens, T. 'Reply to Evelyn Fox Keller', CRASSH, University of Cambridge

April 2007

- Lewens, T. 'Reply to Rachel Ankeny', Thinking in Cases Conference, CRASSH, University of Cambridge
Lewens, T. 'Philosophy and the *Origin*', Department of Animal and Plant Sciences, University of Sheffield

May 2007

- Lewens, T. 'What Mary knew: Douglas on risk and philosophy', Swedish/Danish Risk Meeting, University of Copenhagen, Denmark

June 2007

- Lewens, T. 'Clarifying the metaphysics of selection', Conference on the Work of Elliott Sober, School of Advanced Studies, University of London
Lewens, T. 'Darwin and philosophy', Alumni Weekend, Clare College, Cambridge

July 2007

- Lewens, T. 'Clarifying the metaphysics of selection', ISHPSSB Conference, University of Exeter

Peter Lipton

Peter Lipton is Head of the Department. He serves as Advisory Editor for *Studies in the History and Philosophy of Science* and on the Editorial Board of *The British Journal for the Philosophy of Science*. He is a fellow of the Academy of Medical Sciences, and a member of the Nuffield Council on Bioethics, the Nominating Committee of the Philosophy of Science Association and the Peer Review College of the Arts and Humanities Research Council. During the past year he participated in the Science in Society Consultative Group of the Royal Society, the Working Party on Inter-species Embryos of the Academy of Medical Sciences and a Human Fertilisation and Embryology Authority Public Dialogue on the Ethics of Hybrid Embryos.

Publications

Articles in journals

- Lipton, P. 'Commitment without belief', *The Jewish Quarterly* 205 (2007) 21-25
Lipton, P. 'Symposium on *Inference to the Best Explanation*, 2nd edition' (with A. Bird, C. Hitchcock and S. Psillos), *Philosophy and Phenomenological Research* 74 (2007), 421-462

Reviews

- Lipton, P. Review of S. Haack, *Defending Science – Within Reason*, in *Isis* 97 (2006), 808-809
Lipton, P. Review of R. Giere, *Scientific Perspectivism*, in *Science* 316 (2007), 834

In Press

Articles in books

- Lipton, P. 'Science and religion: the immersion solution' in M. Scott and A. Moore (eds) *Realism and Religion: Philosophical and Theological Perspectives*, Ashgate
- Lipton, P. 'Accepting contradictions' in B. Monton (ed.) *Images of Empiricism: Essays on Science and Stances, with a Reply from Bas van Fraassen*, Oxford University Press
- Lipton, P. 'Understanding without explanation' in H.W. de Regt et al. (eds) *Scientific Understanding: Philosophical Perspectives*, University of Pittsburgh Press
- Lipton, P. 'Evidence and explanation' in K. Tyjberg et al. (eds) *Evidence*, Cambridge University Press
- Lipton, P. 'Inference to the best explanation' in M. Curd and S. Psillos (eds) *Routledge Companion to the Philosophy of Science*, Routledge
- Lipton, P. 'Causation and explanation' in H. Beebe, C. Hitchcock and P. Menzies (eds) *Oxford Handbook of Causation*, Oxford University Press
- Lipton, P. 'Reductionism, explanation, and ceteris paribus laws' in J. Hohwy (ed.) *Reduction and Explanation*, Oxford University Press
- Lipton, P. 'The ravens revisited' in A. O'Hear (ed.) *Philosophy of Science*, Cambridge University Press

Articles in journals

- Lipton, P. 'Alien abduction: inference to the best explanation and the management of testimony', *Episteme*
- Lipton, P. 'Science and religion: managing the relationship', *Manna*
- Lipton, P. 'Engineering and truth', *Proceedings of the Royal Academy of Engineering*

Reviews

- Lipton, P. Review of S. Roush, *Tracking Truth*, in *Metascience*

Lectures, Seminars and Conferences

October 2006

- Lipton, P. 'Science and religion: the immersion solution', CU Catholic Society
- Lipton, P. 'Science and religion: the immersion solution', CU Jewish Society
- Lipton, P. 'Prediction and prejudice', Downing College Danby Society

November 2006

- Lipton, P. 'Science and religion: the immersion solution', Oundle School Philosophical Society
- Lipton, P. 'Miracles and Intelligent Design', CU Atheists and Agnostics Society
- Lipton, P. 'Engineering and truth', Royal Academy of Engineering
- Lipton, P. 'The ethics of pharmacogenetics', MHRA Conference on Pharmacogenetic Trends
- Lipton, P. 'The ethics of pharmacogenetics', Cambridge Enterprise and Technology Club

January 2007

- Lipton, P. 'Will the sun rise tomorrow?', Cambridge

February 2007

- Lipton, P. 'Will the sun rise tomorrow?', Cambridge
- Lipton, P. 'The reliability of induction', Hills Road Philosophical Society

March 2007

- Lipton, P. 'Understanding without explanation', UCL
- Lipton, P. 'How does science work?', Cambridge Science Festival
- Lipton, P. 'Should we trust the scientists?', Cambridge Science Festival
- Lipton, P. 'Science and religion', Cambridge Limmud

April 2007

- Lipton, P. 'Reflective equilibrium and the case in bioethics: comments on Ashcroft', Conference on Cases in Science, Medicine and the Law, Cambridge

May 2007

- Lipton, P. 'Waiting for Hume', Conference on Guises of Reason in the 18th Century, Caltech
- Lipton, P. 'Understanding without explanation', Caltech
- Lipton, P. 'Alien abduction: testimony and the growth of knowledge', STS Workshop, HPS Cambridge
- Lipton, P. 'How do you know?', NAGTY, Cambridge

June 2007

- Lipton, P. 'Alien abduction', Episteme Conference on Testimony, Rutgers

Lipton, P. 'The truth about science', Impington Village College
Lipton, P. 'The ethics of hybrid embryos', HFEA Public Dialogue, London
Lipton, P. 'Managing the relationship between science and religion', Journalism Fellowship Programme, Cambridge
Lipton, P. 'Mathematical understanding', Symposium on Mathematics and its Significance, Castel Gandolfo

July 2007

Lipton, P. 'Power and possibility', International Summer School, Cambridge
Lipton, P. 'The truth about science', Science Summer School, Cambridge
Lipton, P. 'Improbability, miracles and Intelligent Design', Conference on Science and Religion, Lancaster

August 2007

Lipton, P. 'Alien abduction', Conference on Social Epistemology, Stirling

September 2007

Lipton, P. 'Dawkins against religion', Leo Baeck College, London
Lipton, P. 'How do you know?', Cambridge
Lipton, P. 'The truth about Cambridge', Blue Society Dinner, New York

Geoffrey Lloyd

Geoffrey Lloyd was awarded the Kenyon Medal for Classical Studies for 2007 by the British Academy.

Publications

Books

Lloyd, G.E.R. (2006) *Principles and Practices in Ancient Greek and Chinese Science*, Ashgate
Lloyd, G.E.R. (2007) *Cognitive Variations: Reflections on the Unity and Diversity of the Human Mind*, Oxford University Press

Articles in books

Lloyd, G.E.R. (2006) 'Diogenes of Apollonia: master of ducts' in M.M. Sassi (ed.) *La Costruzione del discorso filosofico nell'età dei Presocratici*, Scuola Normale Pisa, 237-257

Articles in journals

Lloyd, G.E.R. 'Anachronism in the comparative history of ancient science', *Scientia Poetica* 10 (2006), 270-273
Lloyd, G.E.R. 'La santé, les valeurs, l'autorité: perspectives comparées sur la Grèce et la Chine anciennes', *Métis*, NS 4 (2006), 355-369
Lloyd, G.E.R. 'Pneuma between body and soul', *Journal of the Royal Anthropological Institute*, Suppl. vol. 2007, 5135-5146
Lloyd, G.E.R. 'Philosophy, history, anthropology: a discussion of Bernard Williams, *The Sense of the Past*', *Oxford Studies in Ancient Philosophy* 32 (2007), 369-378
Lloyd, G.E.R. 'ZAN-IIIIEP BEPNAN', *O ΠΟΛΙΤΗΣ* 151 (2007), 48

Reviews

Lloyd, G.E.R. Review of N. Massar, *Soigner et servir: histoire sociale et culturelle de la médecine grecque à l'époque hellénistique*, in *Bulletin of the History of Medicine* 81 (2007), 445-446

In Press

Articles in books

Lloyd, G.E.R. (2007) 'The wife of Philinus or the doctors' dilemma: medical signs and cases and non-deductive inference' in D. Scott (ed.) *Maieusis: Essays in Ancient Philosophy in Honour of Myles Burnyeat*, Oxford University Press
Lloyd, G.E.R. (2007) Foreword to P. Vidal-Naquet, *The Atlantis Story: A Short History of Plato's Myth* (trans. J. Lloyd of *L'Atlantide*, Paris 2005), Exeter University Press

Lectures, Seminars and Conferences

October 2006

Lloyd, G.E.R. 'The delusions of invulnerability', University of Auckland
Lloyd, G.E.R. 'The evolution of evolution', Auckland Classics Association
Workshop on Debate, Department of Philosophy, University of Auckland

Lloyd, G.E.R. 'Greek medical case-histories and the problem of non-deductive inference', Department of Classics and Ancient History, University of Auckland

Lloyd, G.E.R. 'Cognitive variations: on the unity and diversity of the human mind', Department of Philosophy, University of Auckland

Lloyd, G.E.R. 'Case-histories in ancient medicine: cross-cultural comparisons and philosophical reflections', Department of East Asian Studies, University of Los Angeles

November 2006

Lloyd, G.E.R. 'Styles of inquiry, styles of reasoning', Workshop on Cultures épistemologiques, Paris

December 2006

Lloyd, G.E.R. 'Variaciones cognitivas', Departamento di Filosofía, Universidad de Castilla-La-Mancha, Toledo

March 2007

Lloyd, G.E.R. 'Cognitive variations: colour and space', Department of Philosophy, University of Oslo

Lloyd, G.E.R. 'Cognitive variations: the emotions and reason', Department of Philosophy, University of Oslo

Lloyd, G.E.R. 'Cognitive variations: conclusions', Department of Philosophy, University of Oslo

April 2007

Lloyd, G.E.R. 'The ambiguous worlds of Platonism', Bibliotheca Classica Petropolitana, St Petersburg

Lloyd, G.E.R. 'Cognitive variations', Smolny College, St Petersburg

June 2007

Lloyd, G.E.R. 'Ciencia y civilización en China', Universidad Nacional de Educación a Distancia, Avila

Matteo Mameli

Dr Matteo Mameli was (until September 2007) a Research Fellow at King's College, Cambridge. He is now (from September 2007) a Lecturer in Philosophy in the Department of Philosophy at King's College London and he is also an Affiliated Research Scholar in the Department of History and Philosophy of Science, University of Cambridge.

Publications

Articles in books

Mameli, M. (2007), 'Evolution and psychology in philosophical perspective' in R. Dunbar and L. Barrett (eds) *The Oxford Handbook of Evolutionary Psychology*, Oxford University Press, 21-34

Articles in journals

Mameli, M. 'Norms for emotions: biological functions and representational contents', *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* 37 (2006), 101-121

Mameli, M. and Bortolotti, L. 'Animal rights, animal minds, and human mindreading', *Journal of Medical Ethics* 32 (2006), 84-89

Mameli, M. and Bateson, P. 'Innateness and the sciences', *Biology and Philosophy* 21 (2006), 155-188

Mameli, M. and Papineau, D. 'The new nativism', *Biology and Philosophy* 21 (2006), 559-573

Bortolotti, L. and Mameli, M. 'Deception in psychology: moral costs and benefits of unsought self-knowledge', *Accountability in Research* 13 (2006), 259-275

Mameli, M. 'Reproductive cloning, genetic engineering, and the autonomy of the child: the moral agent and the open future', *Journal of Medical Ethics* 33 (2007), 87-93

In Press

Articles in books

Mameli, M. (2008) 'Sociobiology, evolutionary psychology, and cultural evolution' in M. Ruse (ed.) *The Oxford Handbook of Philosophy of Biology*, Oxford University Press

Mameli, M. (2008) 'Genes, environments, and concepts of biological inheritance' in P. Carruthers, S. Laurence and S. Stich (eds.) *Innateness and the Mind: Foundations and the Future*, Oxford University Press

Articles in journals

Bateson, P. and Mameli, M. 'The innate and the acquired: useful clusters or a residual distinction from folk biology?', *Developmental Psychobiology* (2008)

Mameli, M. 'Understanding culture', *Biology and Philosophy* (2008)

Lectures, Seminars and Conferences

July 2007

Mameli, M. 'On innateness', Conference of the European Society for Philosophy and Psychology, Geneva

Mameli, M. 'Innateness and the sciences', Conference of International Society for the History, Philosophy and Social Studies of Biology, Exeter

Scott Mandelbrote

Scott Mandelbrote continues to lecture for the Natural and Moral Philosophies paper for Part II. He is a Fellow and Director of Studies in History at Peterhouse, where he is also Tutor for Undergraduate Admissions and Perne Librarian. During August 2007, he was a visiting fellow at the Forschungsbibliothek, Gotha and University of Erfurt.

Publications

Books

Mandelbrote, S. and Golding, M. (2007) *From the Library of Brian Wormald*, Peterhouse, Cambridge

Articles in books

Mandelbrote, S. (2007) 'The vision of Christopher Codrington' in S.J.D. Green (ed.) *All Souls under the Ancien Regime*, Oxford University Press, 132-174

Mandelbrote, S. (2007) 'All Souls from the 1630s to the 1680s' in S.J.D. Green (ed.) *All Souls under the Ancien Regime*, Oxford University Press, 55-75

Mandelbrote, S. (2006) 'Professional collections: libraries for scientists and doctors' in K. Manley and G. Mandelbrote (eds) *The History of Libraries in Britain*, vol. 2, Cambridge University Press, 158-172

Mandelbrote, S. (2006) 'English scholarship and the Greek text of the Old Testament, 1620-1720: the impact of Codex Alexandrinus' in A. Hessayon and N. Keene (eds) *Scripture and Scholarship in Early Modern England*, Ashgate, 74-93

Articles in journals

Mandelbrote, S. 'L'Étude de la Septante dans l'Europe moderne', *École pratique des hautes études (Section des sciences historiques et philologiques): Livret-Annuaire 20* (2006), 375-377

Mandelbrote, S. 'Fatio and the *Principia*', *Oberwolfach Reports 3* (2006), 580-582

Reviews

Mandelbrote, S. Review of R.J.W. Evans and A. Marr (eds) *Curiosity and Wonder from the Renaissance to the Enlightenment*, in *Nuncius 22* (2007), 244-246

Mandelbrote, S. Review of Isaac Newton, *Philosophical Writings*, ed. A. Janiak, in *Nuncius 22* (2007), 210-212

Mandelbrote, S. Review of M. Caricchio, *Religione, politica e commercio di libri nella Rivoluzione inglese. Gli autori di Giles Calvert 1645-1653*, in *The Library*, 7th series 7 (2006), 461-462

Mandelbrote, S. Review of R.C. Leitz III and K.L. Cope (eds) *Imagining the Sciences*, in *Journal of the History of Medicine and Allied Sciences 61* (2006), 397-398

Mandelbrote, S. Review of M. Keynes, *The Iconography of Isaac Newton to 1800*, in *Nuncius 21* (2006), 176-177

In Press

Articles in books

Mandelbrote, S. (2007) 'Biblical scholarship at Oxford in the mid-eighteenth century: local contexts for Robert Lowth's *De sacra poesi hebraeorum* (1753)' in J. Barton and J. Jarick (eds) *Sacred Conjectures*, T&T Clark

Articles in journals

Mandelbrote, S. 'The uses of natural theology in seventeenth-century England', *Science in Context 20* (2007)

Reviews

Mandelbrote, S. Review of M. Schabas, *The Natural Origins of Economics*, in *Isis*

Lectures, Seminars and Conferences

October 2006

Mandelbrote, S. 'Polyphonic commentary: the context and challenge of Brian Walton's *Biblia sacra polyglotta* (London 1657), John Pearson's *Critici sacri* (London 1660) and Matthew Poole's *Synopsis criticorum* (London 1669-76)', Forschungsbibliothek Gotha/ Universität Erfurt

November 2006

Mandelbrote, S. 'Jewish books and Christian readers in late seventeenth-century Cambridge: the case of Isaac Newton', Intellectual History Seminar, University of Sussex

January 2007

Mandelbrote, S. 'The last 25 years of research on Isaac Newton', Physics Department, Universität Potsdam

February 2007

Mandelbrote, S. 'Isaac Newton and the book of Daniel', Early Modern Seminar, University of Durham

March 2007

Mandelbrote, S. "'Industrious Curiosity": Anglo-Dutch scholarship, Palmyrene inscriptions, and the problem of interpretation at the close of the 17th century', British Society for the History of Philosophy conference, Erasmus University Rotterdam

April 2007

Mandelbrote, S. 'The reception of Newton's theological work', DFG-colloquium on Newton and the Enlightenment, Herzog-August-Bibliothek, Wolfenbüttel

May 2007

Mandelbrote, S. 'Forming a collection: imagined and real solutions to the problem of the spatial arrangement of knowledge in early modern England', colloquium on Museum, Bibliothek, Stadtraum, Humboldt-Universität, Berlin

June 2007

Mandelbrote, S. 'The origins of Newton's heterodoxy reconsidered', workshop on Newton in Pursuit of the Secrets of God and Nature, Van Leer Jerusalem Institute

July 2007

Mandelbrote, S. 'What was Hutchinsonianism?', conference in honour of J.H. Brooke and G. Cantor, Lancaster University

September 2007

Mandelbrote, S. 'Newton's religion', contact forum of the Koninklijke Vlaamse Academie van België voor Wetenschappen en Kunsten, Ghent

Andreas Mayer

Andreas Mayer is about to terminate his Wellcome Research Fellowship that started in 2005, and will take up in autumn the position of a Research Scholar in Department II of the Max Planck Institute for the History of Science in Berlin, where he will work in the context of a project on the history of scientific observation. He is currently finishing two books: one entitled *Walking: A History of the Pedestrian Age* and another on the history of the psychoanalytic couch (commissioned by Fischer Verlag, co-written in German with Lydia Marinelli). He has continued to teach in Part II (Papers 6 and 8) and to co-organise the Psy Studies Seminar.

Publications

Articles in books

Mayer, A. (2007) 'Freud vergessen? Zur Funktion von Autorschaft in der Psychoanalyse und den Wissenschaft' in O. Knellessen and P. Schneider (eds) *Freudlose Psychoanalyse? Über die Funktion der Autorschaft für die psychoanalytische Erkenntnis*, Wien: Turia und Kant, 31-48

In Press

Articles in journals

Mayer, A. "'Freud Wars" à la française: remarks on old impasses and new avenues in the historiography of psychoanalysis', *History of the Human Sciences* (2007)

Lectures, Seminars and Conferences

October 2006

Mayer, A. "'Freud Wars" à la française: remarks on old impasses and new avenues in the historiography of psychoanalysis', Social Studies of Medicine, McGill University, Montreal

Mayer, A. 'The art and science of walking: towards a history of the pedestrian age', Morris Fishbein Center for the History of Science and Medicine, University of Chicago

November 2006

Mayer, A. 'Writing the walk: graphical methods in 19th-century movement studies', conference on *Cultures of Evidence/Contexts of Truth*, organised by Roger Cooter, Wellcome Trust Centre for the History of Medicine at UCL, London

December 2006

Mayer, A. 'Kontaktstörungen', public lecture accompanied by a performance of John Cage's *Sonatas and Interludes* by Markus Hinterhäuser, Musikinstrumentenmuseum Berlin

Mayer, A. Comment on Patrick Singy, 'Morbid details: perception and the emergence of modern medicine', Colloquium Department II, Max Planck Institute for the History of Science, Berlin

January 2007

Mayer, A. 'Queer feet: tracing the normal and the pathological in nineteenth-century movement studies', History of Modern Medicine and Biology Seminar, Department of History and Philosophy of Science, University of Cambridge

February 2007

Mayer, A. 'La constitution du mouvement psychanalytique', Séminaire de Master II (Christiane Chauviré), Université Paris 1 la Sorbonne

Mayer, A. 'Qu'est ce qu'une société psychanalytique? Quatre problèmes pour une sociologie de la psychanalyse', European Seminar *Social Sciences & Mental Health*, Ecole Normale Supérieure, Paris

March 2007

Mayer, A. 'Queer feet: tracing the normal and the pathological in nineteenth-century movement studies', Colloquium Department II, Max Planck Institute for the History of Science, Berlin

May 2007

Mayer, A. 'Vermisseaux sur le divan. Sur les origines libertines de la psychanalyse', seminar 'Psychologie, psychiatrie et psychanalyse: histoires croisées', Centre Koyré, Ecoles des hautes études en sciences sociales, Paris

June 2007

Mayer, A. 'Faire exister des objets psychiques. Eléments pour une anthropologie historique des sciences "psy"', workshop at the conference *Exercices de métaphysique empirique. Autour des travaux de Bruno Latour*, Cerisy la Salle

July 2007

Mayer, A. 'The physiology of scandal', lecture at the conference on *Ruptures. Music, Philosophy, Science and Modernity*, organised by Martin Brody and Arnold Davidson, Max Planck Institute for the History of Science, Berlin

September 2007

Mayer, A. 'Les choses de la psychanalyse', conference *Expérimenter, éprouver, assembler*, Centre de sociologie de l'innovation, Ecole des Mines, Paris

Anita McConnell

Publications

Articles in books

McConnell, A. (2006) 'Ramsden's workshop: recruiting craftsmen from East and West' in E. Wyka, M. Kluza and A.K. Zawada (eds) *East and West: The Common European Heritage. Proceedings of the XXV Scientific Instrument Symposium held at Krakow, 10-14 September 2006*, Jagiellonian University Museum, 43-46

Articles in journals

McConnell, A. 'Jesse Ramsden (1735-1800): London's leading scientific instrument maker. Why?', *Bulletin of the Scientific Instrument Society* 93 (2007), 2-6

Reviews

McConnell, A. Review of W.F.J. Mörzer Bruyns, *Schip recht door Zee. De octant in de Republiek in de achttiende eeuw*, in *Tijdschrift voor Zeegeschiedenis* 26:1 (2007), 74-75

McConnell, A. Review of A.J. Turner, *Après Gassendi. Son influence et sa réputation, essai, avec l'histoire des collections scientifiques et un catalogue des instruments et appareils concernant les sciences exactes appartenant au Musée Gassendi à Dignes-les-Bains*, in *Journal for the History of Collections*, on-line version

In Press

Books

McConnell, A. (2007) *Jesse Ramsden (1735-1800): London's Finest Scientific Instrument Maker*, Ashgate

Reviews

McConnell, A. Review of A. Estacio dos Reis, *Gaspar José Marques e a máquina a vapor: sua introdução em Portugal e no Brasil*, in *Transactions of the Newcomen Society* (2007 or 2008)

Lectures, Seminars and Conferences

November 2006

McConnell, A. 'How a barometer changed the world's steamship routes', *Navigation Instruments as a Source of Historical Information*, National Maritime Museum, Greenwich

February 2007

McConnell, A. 'Jesse Ramsden (1735-1800): London's leading scientific instrument maker. Why?', Centre for Metropolitan History, Institute of Historical Research, London

April 2007

McConnell, A. 'Rescuing Ramsden from the archives', Royal Society Library Group, Royal Society, London

Raymond Mercier

Work on the critical edition of Ptolemy's *Handy Tables* continues, in collaboration with Anne Tihon, Université Catholique de Louvain la Neuve, Belgium. This year (at last) may see the publication of the first fascicule, in the series *Corpus des Astronomes Byzantins*.

In the article cited below I explore the Babylonian model of the Moon known from a Greek papyrus, continuing earlier studies by van der Waerden, Neugebauer and Jones. I find an intimate connection with the Greek lunar theory of Hipparchus and Ptolemy when it is linked with the theory precession recorded by Theon of Alexandria.

In collaboration with Nicholas Sims-Williams and François de Blois of the Ancient India and Iran Trust I have added the Bactrian calendar to my calendar conversion program, Kairos. This program is available on request; see my site www.raymondm.co.uk.

Publications

Articles in journals

Mercier, R. 'The standard scheme of the moon and its mean quantities', *Archive for History of Exact Science* 61 (2007), 255-272

Lectures, Seminars and Conferences

Invited to give a plenary lecture at the International Conference on History of Mathematics at G.B. Pant University, Pant Nagar, 19-22 December 2007

Hélène Mialet

During my sabbatical year at Cambridge, I completed my research (interviews and fieldwork) and wrote three chapters for my book *Hawking Incorporated*, forthcoming with University of Chicago Press.

Publications

Articles in books

Mialet, H. (2007) 'Is the end in sight for the Lucasian Chair? Stephen Hawking as Millennium Professor' in K. Knox and R. Noakes (eds) *From Newton to Hawking: A History of Cambridge University's Lucasian Professors of Mathematics*, paperback edition, Cambridge University Press, 425-459

In Press

Books

Mialet, H. *L'entreprise créatrice: les récits, les objets et l'acteur de l'invention*, Hermès-Lavoisier

Articles in books

Mialet, H. 'Stephen Hawking', *Encyclopedia of American Disability History*

Lectures, Seminars and Conferences

December 2006

Mialet, H. 'Rethinking the actor of invention', Department of Sociology, UBC

November 2006

Mialet, H. 'Hawking incorporated', Centre de Sociologie de l'Innovation, ENSMP

June 2007

Mialet, H. 'Hawking's mathematical body', Centre for the History of Science, Technology and Medicine, Imperial College

James Moore

Publications

Books

Moore, J., Desmond, A. and Browne, J. (2007) *Charles Darwin, Very Interesting People*, Oxford University Press

Articles in books

Moore, J. (2007) 'Ronald Aylmer Fisher: a faith fit for eugenics' in N.A. Rupke (ed.) *Eminent Lives in Twentieth-Century Biology and Religion*, Peter Lang, 103-138

Articles in journals

Moore, J. 'R. A. Fisher: a faith fit for eugenics', *Studies in History and Philosophy of Biological and Biomedical Sciences* 38 (2007), 110-135

Moore, J. 'Wallace in wonderland', *Annals of the History and Philosophy of Biology* 11 (2007), 139-154

In Press

Articles in books

Moore, J. (2008) 'Charles Darwin's faith – lost and found?' in R.L. Numbers (ed.) *Galileo Goes to Jail and Other Myths about Science and Religion*, Harvard University Press

Moore, J. (2008) 'Creationism' in D. Patte (ed.) *Cambridge Dictionary of Christianity*, Cambridge University Press

Moore, J. (2008) 'Darwin, Charles Robert' in D. Patte (ed.) *Cambridge Dictionary of Christianity*, Cambridge University Press

Moore, J. (2008) 'Evolution and Christianity' in D. Patte (ed.) *Cambridge Dictionary of Christianity*, Cambridge University Press

Moore, J. (2008) 'Darwin, Charles Robert' in G. Stein (ed.) *The New Encyclopedia of Unbelief*, Prometheus

Moore, J. (2007) 'Religion and science' in D.C. Lindberg and R.L. Numbers (eds) *The Cambridge History of Science*, vol. 6, P.J. Bowler and J.V. Pickstone (eds) *Modern Biological and Earth Sciences*, Cambridge University Press

Moore, J. (2008) 'Wallace in wonderland' in C. Smith (ed.) *Natural Selection and Beyond: The Intellectual Legacy of Alfred Russel Wallace*, Oxford University Press

Lectures, Seminars and Conferences

November 2006

Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge
First Annual Wallace Lecture, Natural History Museum, London

January 2007

Public lecture, *The Legacies of Darwin* lecture series, Institute of Advanced Study, Durham University

The Legacy of Charles Darwin, Ustinov Seminar, Ustinov College with Institute of Advanced Study, Durham University

February 2007

Darwin Memorial Lecture, The Shrewsbury Darwin Festival 2007

Research seminar, Institute of Advanced Study, Durham University

May 2007

Public lecture, *The Cultural Politics of Evolution* lecture series, sponsored by the Horning Endowment in the Humanities, Oregon State University, Corvallis

Seminar, Department of History, Oregon State University, Corvallis

July 2007

Guest field trip, BIOL S-112 Study Abroad at Oxford: Darwin and the Origins of Evolutionary Biology (Dr Andrew Berry), Harvard University Summer School 2007, Cambridge, England

Guest lecture, International Science Summer School 2007, Institute of Continuing Education, University of Cambridge

Interviews and Press Reports

September 2006

Discussion with Matthew Parris and Adair Turner (pre-recorded), 30 minutes, *Great Lives*, BBC Radio 4, 26 September (producer: Isobel Eaton)

February 2007

Interview with Adrian Lacey (live), 5 minutes, *Sunday Breakfast Show*, BBC Radio Shropshire, 11 February (producer: Kate Tebby)

March 2007

Nicholls, H. 'Darwin, burps and all', *New Scientist*, 17 March 2007, 7

Interview (pre-recorded), 2 minutes, *Racism – A History*, pt 2, Looking at Scientific Racism, BBC Four television, 28 March (producer: David Olusoga)

June 2007

Nicholls, H. 'Darwin down but not out', *Nature*, 21 June 2007, 896

Ayesha Nathoo

Ayesha Nathoo has been elected to a three-year stipendiary Research Fellowship in Arts and Social Sciences at Clare Hall, Cambridge, from 1 October 2007. She lectured for a new course, 'Medicine and the Media', in Part II HPS.

Publications

Articles in books

Nathoo, A. (2007) 'The transplanted heart' in J. Peto (ed.) *The Heart*, Yale University Press and the Wellcome Trust, 156-170

In Press

Books

Nathoo, A. (2008) *Hearts Exposed: Transplants and the Media in 1960s Britain*, Palgrave Macmillan

Jaume Navarro

Publications

Articles in journals

Navarro, J. 'Imperial incursions in late-Victorian Cambridge: J.J. Thomson and the domains of the Physical Sciences', *History of Science* 44 (2006), 469-495

Navarro, J. 'Les fronteres entre disciplines al Cambridge del segle XIX', *Actes de la VIII Trobada d'Historia de la Ciència i de la Tècnica, Societat Catalana d'Història de la Ciència, Barcelona, 2006*, 441-444

Lectures, Seminars and Conferences

September 2006

Navarro, J. 'The reception of the De Broglie principle in England', Second International Conference of the European Society for the History of Science, *The Global and the Local: History of Science and Cultural Integration of Europe*, Krakow

November 2006

Navarro, J. 'The electron and the Thomsons', History of Science Society Meeting, Vancouver

July 2007

Navarro, J. 'Planck and de Broglie in the Thomson family', Workshop: *History of the Foundations of Quantum Physics*, Max Planck Institute, Berlin

Signe Nipper Nielsen

Publications

Articles in journals

Nielsen, S.N. 'Barnløshed og kønskonstruktioner i medicinsk litteratur, 1870-1900', *Bibliotek for Læger* 199 (2007), 96-128

Richard Noakes

In late November 2006, after several disappointing forays into the academic job market, I finally secured myself a permanent position as Lecturer in History at the University of Exeter's Cornwall Campus. I took up the post on 1 August 2007 and it will be an exciting, challenging and inspiring experience working with 'mainstream' historians, geographers, and Cornish Studies experts in the English Riviera.

Publications

Articles in journals

Noakes, R. 'Cromwell Varley FRS, electrical discharge and Victorian spiritualism', *Notes and Records of the Royal Society of London* 61 (2007), 5-22

Reviews

Noakes, R. Review of D. Blum, *Ghost Hunters: William James and the Scientific Proof of Life after Death*, in *Journal of the Society for Psychical Research* 71 (2007), 106-109

In Press

Articles in journals

Noakes, R. 'Histories and psychical research', *Journal of the Society for Psychical Research*

Noakes, R. 'The "World of the Infinitely Little": connecting physical and psychical realities in Britain c.1900', *Studies in History and Philosophy of Science* (December 2007)

Lectures, Seminars and Conferences

July 2007

Noakes, R. 'Histories and psychical research', Twentieth F.W.H. Myers Memorial Lecture, Society for Psychical Research, Kensington Central Library, London

Alison Pearn

Assistant Director, Darwin Correspondence Project

Publications

Articles in journals

Snyder, P.J. and Pearn, A.M. 'Historical note on Darwin's consideration of early-onset dementia in older persons, thirty-six years before Alzheimer's initial case report', *Alzheimer's & Dementia* 3 (2007), 137-142

Martin Peterson

Martin Peterson has continued his research on ethical issues related to risk and pandemic flu. He has also completed a book manuscript on decision theory, tentatively called *Non-Bayesian Decision Theory*, and started to work on a student introduction to decision theory. The latter is under contract with a major publishing house and will hopefully be completed soon.

Publications

Articles in books

Peterson, M. (2007) 'On multi-attribute risk analysis' in T. Lewens (ed.) *Risk: Philosophical Perspectives*, Routledge, 68-83

Articles in journals

Peterson, M. 'Should the precautionary principle guide our actions or our beliefs?', *Journal of Medical Ethics* 33 (2007), 5-10

Peterson, M. 'The precautionary principle should not be used as a basis for decision-making', *EMBO Reports* 8 (2007), 305-308

Möller, N., Hansson, S.O. and Peterson, M. 'Safety is more than the antonym of risk', *Journal of Applied Philosophy* 23 (2006), 419-423

Reviews

Peterson, M. Review of J. Dancy, *Ethics Without Principles*, in *Theoria* 72 (2006), 162-165

In Press

Articles in journals

Peterson, M. 'The mixed solution to the number problem', *Journal of Moral Philosophy*

Peterson, M. 'Parity, clumpiness, and rational choice', *Utilitas*

Lectures, Seminars and Conferences

November 2006

Peterson, M. 'Are persons mere containers for wellbeing?', Moral Philosophy Seminar, University of Oxford

April 2007

Peterson, M. 'Are persons mere containers for wellbeing?', APA Pacific Division Meeting, San Francisco

May 2007

Peterson, M. 'Principlism and medical ethics', Medical Ethics Seminar, University of Lund

Peterson, M. 'The moral importance of selecting people randomly', Workshop on Philosophy of Risk, Copenhagen

June 2007

Peterson, M. 'Why you ought to be a consequentialist', National Philosophy Conference, Umea University, Umea

Katy Price

Katy Price teaches English and Writing at Anglia Ruskin University and is Communications Officer for History of Science at the BA Festival of Science.

Publications

Books

Piette, A. and Price, K. (eds) (2007) *The Salt Companion to Peter Robinson*, Salt

In Press

Articles in books

Price, K. (2007) 'Monogamy and the next step: William Empson and the future of love in Einstein's universe', *Some Versions of Empson*, Oxford University Press

Articles in journals

Price, K. 'On the back of the light waves: "Novel Possibilities in the Fourth Dimension"', *Essays and Studies* (2008)

Lectures, Seminars and Conferences

March 2007

Price, K. 'On the back of the light waves', British Society for Literature and Science, University of Central England, Birmingham

September 2007

Price, K. 'William Empson and Dorothy Sayers', Empson Birthday Lecture, University of Sheffield

Sadiah Qureshi

Sadiah Qureshi began a four-year research fellowship on the Leverhulme funded project 'Abandoning the Past', a major five-year project that aims to examine Victorian understandings of the past. She is currently completing her first book, *Performing Race: Commercial Exhibitions and Anthropology, 1810-1889*, which is now forthcoming with the University of Chicago Press. She has also begun work on a new project which examines the ways in which the sciences, such as anthropology and physical geography, were utilised in nineteenth-century debates on the fate of endangered peoples.

Robert Ralley

In Press

Articles in books

Ralley, R. (2007) 'Medical economies in fifteenth-century England' in M.S.R. Jenner and P. Wallis (eds) *Medicine and the Market in England and its Colonies, c.1450-c.1850*, Palgrave Macmillan

Lectures, Seminars and Conferences

February 2007

Ralley, R. 'Clerical medicine and medical texts in fifteenth-century England', London Society for Medieval Studies, Institute for Historical Research, London

Jennifer Rampling

Jenny organised the weekly Latin Therapy seminars for 2006-7, and continued as secretary to the Birkbeck Neo-Latin Reading Group in London. In March 2007 she organised and chaired the PhD Workshop in Medieval and Early Modern Science and Medicine, supported by the Wellcome Trust and HPS, and received a Society for Renaissance Studies travel fellowship to fund archival research at the Bibliotheca Universitaria di Bologna. She is research assistant on Dr Kassell's 'English Alchemical Books' project, and an affiliate member of the Wellcome Centre for the History of Medicine at UCL.

Publications

Conference reports

Rampling, J. 'Medieval and early modern science and medicine', *Wellcome History* 35 (2007), 15-16

In Press

Reviews

Rampling, J. Review of G. Szönyi, *John Dee's Occultism: Magical Exaltation through Powerful Signs*, in *Ambix* 54 (2007), 306-307

Lectures, Seminars and Conferences

February 2007

Rampling, J. 'Animal, vegetable, mineral: portraying the philosophers' stone in fifteenth-century England', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

March 2007

Organiser and chair, Medieval and Early Modern Science and Medicine Graduate Workshop, Department of History and Philosophy of Science, University of Cambridge

May 2007

Rampling, J. 'The Ripley Scrolls and medieval alchemy', conference on 'Art as a Vehicle of Religious Insight', University of Southern Denmark, Odense

August 2007

Rampling, J. "'The One Explaineth the Other": George Ripley and alchemical consensus', 6th International Conference on the History of Chemistry, Katholieke Universiteit Leuven

September 2007

Rampling, J. 'George Ripley and the pseudo-Lullian tradition', Colloquium on the History of Alchemy, Society for the History of Alchemy and Chemistry (SHAC) and Birkbeck (University of London)

Michael Redhead

Publications

Books

Redhead, M. and Debs, T.A. (2007) *Objectivity, Invariance and Convention: Symmetry in Physical Sciences*, Harvard University Press

Articles in journals

Redhead, M. and Lucas, J. 'Truth and provability', *British Journal for the Philosophy of Science* 58 (2007), 331-332

Catherine Rider

I am moving to the University of Exeter in September 2007, for a three-year lectureship in medieval history. My book *Magic and Impotence in the Middle Ages*, published in 2006, won the Folklore Society's Katharine Briggs Award, which is given each year to a book on a folklore topic.

Publications

Articles in books

Rider, C. (2007) "'Danger, stupidity and infidelity": magic and discipline in John Bromyard's *Summa for Preachers*' in K. Cooper and J. Gregory (eds) *Studies in Church History 43: Discipline and Diversity*, Woodbridge: Boydell and Brewer

Articles in journals

Rider, C. 'Magic and impotence: recent developments in medieval historiography', *History Compass* 5 (2007), 955-962

Reviews

Rider, C. Review of J. Le Goff, *My Quest for the Middle Ages*, in *English Historical Review*

Rider, C. Review of M. Goodich (ed.) *Voices from the Bench: the Narratives of Lesser Folk in Medieval Trials*, in *Archives*

In Press

Articles in books

Rider, C. 'Magic and unorthodoxy in late medieval English pastoral manuals' in S. Page (ed.) *The Unorthodox Imagination in Late Medieval Britain*, Manchester University Press

Reviews

Rider, C. Review of A. Boureau, *Satan Hérétique: Histoire de la Démonologie 1280-1330*, in *English Historical Review*

Rider, C. Review of J. Forrester and J. Henry, *Jean Fernel's 'On the Hidden Causes of Things': Forms, Souls and Occult Diseases in Renaissance Medicine*, in *Aries: Journal for the Study of Western Esotericism*

Lectures, Seminars and Conferences

March 2007

Rider, C. 'Reproductive problems and sexual incompatibility in the late Middle Ages', Interdisciplinary Workshop on Reproduction, Department of History and Philosophy of Science, University of Cambridge

Rider, C. 'Medical magic and the Church in 13th-century England', Conference on Theorica et Practica: Medical Texts and Practice in the Earlier Middle Ages, Centre for the History of Science, Technology and Medicine, University of Manchester

May 2007

Rider, C. 'Magic, medicine and nature in 13th-century pastoral manuals', International Congress on Medieval Studies, University of Western Michigan, Kalamazoo

June 2007

Rider, C. 'The doctor and the witches: Bartholomaeus Carrichter's *On the Healing of Magical Illnesses*', EMPHASIS Seminar, Institute of English Studies, University of London

July 2007

Rider, C. 'Sexual incompatibility in the late middle ages', Conference on Sexual Histories, Centre for the History of Medicine, University of Exeter

Rider, C. 'Contacting the dead in the late middle ages', Ecclesiastical History Society Conference, University of Leicester

Eleanor Robson

I was on leave in Michaelmas and Lent Terms, first at the Babylonian Section of the University of Pennsylvania Museum of Archaeology and Anthropology and then at the Centre for Research in the Arts, Social Sciences and Humanities as an Early Career Fellow. In March I was elected Vice-Chair of the British School of Archaeology in Iraq.

Publications

Books

Steele, P. (2007) *Eyewitness: Ancient Iraq*, Dorling Kindersley (consultant editor: E. Robson)

Websites

Radner, K., Robson, E., Tinney, S.J. and Horry, R. (2007) *Knowledge and Power in the Neo-Assyrian Empire* <http://cdl.museum.upenn.edu/knp/>, Higher Education Academy

Articles in books

Robson, E. (2006) 'Pythagoras' in M. Streck et al. (eds) *Reallexikon der Assyriologie und Vorderasiatischen Archäologie*, vol. 11, Walter de Gruyter, 134-135

Robson E. (2007) 'Gendered literacy and numeracy in the Sumerian literary corpus' in G. Cunningham and J. Ebeling (eds) *Analysing Literary Sumerian: Corpus-Based Approaches*, Equinox, 215-249

Robson, E. (2007) 'Mesopotamian mathematics' in V.J. Katz (ed.) *The Mathematics of Egypt, Mesopotamia, China, India and Islam: A Sourcebook*, Princeton University Press, 57-186

Robson, E. (2007) 'The clay tablet book in Sumer, Babylonia, and Assyria' in S. Eliot and J. Rose (eds) *A Companion to the History of the Book*, Blackwell, 67-83

Reviews

Robson, E. 'Mesopotamian journey', review of G. Howell, *Daughter of the Desert: the Remarkable Life of Gertrude Bell*, in *Oxford Today* 19:3 (Trinity 2007), 50

Robson, E. Review of H. Hunger, A.J. Sachs and J.M. Steele, *Astronomical Diaries and Related Texts from Babylonia, V: Lunar and Planetary Texts*, in *Journal of the Royal Asiatic Society* 17 (2007), 61-63

In Press

Books

Robson, E. (2008) *Mathematics in Ancient Iraq: A Social History*, Princeton University Press

Articles in journals

Clark, K. and Robson, E. (2007) 'The cuneiform tablet collection of Florida State University', *Cuneiform Digital Library Journal* <http://cdli.ucla.edu/pubs/cdlj.html>

Robson, E. (2007) 'What do historians of Mesopotamian medicine think they are doing?', *Religions Compass* <http://www.blackwell-compass.com/subject/religion/>

Articles in books

Robson, E. (2007) 'Boundary conflicts: archaeology and politics in the Middle East and beyond', in H. Schroeder, P. Bray, P. Gardner, V. Jefferson and E. Macaulay-Lewis (eds) *Crossing Frontiers: The Opportunities and Challenges of Interdisciplinary Approaches to Archaeology*, Oxbow

Robson, E. (2007) 'Mathematics, metrology, and professional numeracy' in G. Leick (ed.) *The Babylonian World*, Routledge, 414-427

Robson, E. (2007) 'Secrets de famille: prêtre et astronome à Uruk à l'époque hellénistique' in C.M. Jacob (ed.) *Les lieux de savoir, I: Lieux et communautés*, Albin Michel

Robson, E. (2007) 'The long career of a favourite figure: the *apsamikku* in Neo-Babylonian mathematics' in M. Ross (ed.) *From the Banks of the Euphrates: Studies in Honor of Alice Louise Slotsky*, Eisenbrauns, 209-224

Robson, E. (2008) 'Clay mathematics: Euclid's Babylonian contemporaries' in J. Carlson (ed.) *Euclid and his Heritage*, Clay Mathematics Institute

- Robson, E. (2008) 'Numeracy' in T. Gowers and J.E. Barrow-Green (eds) *The Princeton Companion to Mathematics*, Princeton University Press
- Robson, E. (2008) 'Numeracy, literacy, and the state in early Mesopotamia' in K. Lomas (ed.) *Literacy in State Societies*, Institute of Classical Studies
- Robson, E. (2008) 'Solitary heroes or scholarly communities? On Sumerian literature and its practitioners' in R. Enmarch and V. Lepper (eds) *Ancient Egyptian Literature: Theory and Practice*, The British Academy
- Robson, E. (2008) 'Whose heritage? National and international interests in cultural property in post-war Iraq' in D. Panizza and P. Ragoni (eds) *La Salvaguardia dei Beni Culturali nel Diritto Internazionale*, Centro Internazionale Studi Gentiliani

Reviews

- Robson, E. Review of Y. Goren, I. Finkelstein, and N. Na'aman, *Inscribed in Clay: Provenance Study of the Amarna Tablets and Other Ancient Near Eastern Texts*, in *American Journal of Archaeology* 111 (2007)

Lectures, Seminars and Conferences

October 2006

- Robson, E., 'Mathematics, numeracy, and society in ancient Iraq', Department of Near Eastern Languages and Cultures, Yale University
- Robson, E., 'Mathematics, numeracy, and society in ancient Iraq', Department of Anthropology, Harvard University

November 2006

- Guinan, A. and Robson, E. 'Babylonian mathematics', Department of Mathematics, Lock Haven University of Pennsylvania
- Robson, E., 'Mathematics, numeracy, and society in ancient Iraq', Department of Near Eastern Languages and Cultures, University of Pennsylvania

February 2007

- Robson, E. 'Scholarly libraries and the geography of knowledge in ancient Assyria', Centre for Research in Arts, Social Sciences and Humanities, University of Cambridge

March 2007

- Robson, E. 'Ancient science, modern technology: putting Mesopotamian scholarship online', British School of Archaeology in Iraq, British Academy

April 2007

- Robson, E. 'Ancient science, modern technology: putting Mesopotamian scholarship online', Department of Assyriology and Hebrew Studies, Eötvös Loránd University, Budapest

May 2007

- Robson, E. 'The archaeology of social life in ancient Iraq', McDonald Institute for Archaeological Research, University of Cambridge

June 2007

- Robson, E. 'Modernity and antiquity in the Iraq Museum', Comparative Museology Seminar, Department of History of Art, University of Oxford

Leon Rocha

Leon Rocha was a visitor at the East Asian Program of Cornell University from October to December 2006. He was hosted by Professor Edward Gunn and Professor Sherman Cochran, and conducted research at the Charles W. Wason Collection on East Asia and at the Carl A. Kroch Library. He was also invited to be a visiting PhD student by Professor Yuan Jin at the Department of Chinese Language and Literature of Shanghai Fudan University, from August to November 2007. He continues to be a guest at the Popular Culture Group, organised by Professor Barbara Mittler, at the Institut für Sinologie of Ruprecht-Karls-Universität Heidelberg.

Lectures, Seminars and Conferences

May 2007

- Rocha, L.A. 'Beautiful China: a visit to Zhang Jingsheng's utopia', Institute für Sinologie, Ruprecht-Karls-Universität Heidelberg

June 2007

- Rocha, L.A. 'Zhang Jingsheng's *Third Kind of Water*: a case of the transmission of sexual knowledges in Republican China', Second Meeting for Postgraduate Students in History of Science, Centre d'Estudis d'Història de les Ciències, Universitat Autònoma de Barcelona

July 2007

Rocha, L.A. 'Zhang Jingsheng's *Third Kind of Water*: a case of the transmission of sexual knowledges in Republican China', Conference on 'Sexual Histories: Bodies and Desires Uncovered', Centre for Medical History, University of Exeter

Martin Rudwick

Professor Emeritus of History of Science, University of California, San Diego

In Press

Books

Rudwick, M. (2008) *Worlds Before Adam: The Reconstruction of Geohistory in the Age of Reform*, University of Chicago Press

Lectures, Seminars and Conferences

November 2006

Rudwick, M. 'Demythologizing the historical "conflict" of geology and Genesis', Faraday Institute Research Seminar, St Edmund's College, Cambridge

January 2007

Rudwick, M. 'Testing the temporalized chain against real (deep) time', international workshop on *Temporalizing the Great Chain of Being*, Department of History and Philosophy of Science, University of Cambridge

Rudwick, M. 'Geological deluge and snowball Earth', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

July 2007

Rudwick, M. 'Geology and Genesis in the formative decades of the science of geology', international conference on *Science and Religion: Historical and Contemporary Perspectives*, British Society for the History of Science, University of Lancaster

Rudwick, M. 'Biblical Flood and "geological deluge": the amicable dissociation of geology and Genesis', INHIGEO (International Commission on the History of Geology) conference on the history of geology and religion, Universität Eichstätt, Bavaria

September 2007

Rudwick, M. 'Conybeare and the Geological Society's debates in the 1820s and 1830s', Symposium on William Daniel Conybeare (d. 1857), Division of History and Philosophy of Science, University of Leeds

Colin A. Russell

Colin Russell is Emeritus Professor in the History of Science at the Open University. He is currently working on a book on chemistry and the railway industry.

Publications

Articles in books

Russell, C.A. (2006) Foreword in A. Comyns, *Named Processes in Chemical Technology*, 3rd edition, CRC Press

Papers

Russell, C.A. (2007) 'Science and faith in the life of Michael Faraday', Faraday Paper no.13, Faraday Institute, Cambridge

In Press

Books

Russell, C.A. *Saving Planet Earth: A Christian Response*, Milton Keynes: Authentic Media

Articles in books

Russell, C.A. Articles on Sir Robert Robinson, Lord Todd and Sir Edward Frankland, *New Dictionary of Scientific Biography*

Articles in journals

Russell, C.A. 'Hydrotheology: towards a natural theology for water', *Science and Christian Belief* (2007)

Lectures, Seminars and Conferences

May 2007

Russell, C.A. 'The secrets of the cylinders: a preliminary examination', paper to joint meeting of the Royal Society of Chemistry and the Gunpowder and Explosives History Group, Waltham Abbey

July 2007

Russell, C.A. 'John Brooke and the teaching of science and religion', ISSR/BSHS Conference, Lancaster University

September 2007

Russell, C.A. 'Chemistry and revolution', Royal Society of Chemistry Conference, London

Christine F. Salazar

In April 2007 I started work on my project, a sourcebook of early Byzantine medicine, extending the two-year grant (from the Oesterreichische Nationalbank Jubiläumsfonds) to four years' part-time research.

Publications

Books

Salazar, C.F. (editor-in-chief) (2006) *Brill's New Pauly*, vol. IX (Min-Obe), Leiden: Brill

Salazar, C.F. (editor-in-chief) (2007) *Brill's New Pauly*, vol. X (Obl-Phe), Leiden: Brill

Reviews

Salazar, C.F. Review of *Pedanius Dioscorides of Anazarbus, De materia medica*, translated by L.Y. Beck, in *Exemplaria Classica* 10 (2006)

In Press

Books

Salazar, C.F. (editor-in-chief) *Brill's New Pauly*, vol. XI (Phi-Pro), Leiden: Brill

Articles in books

Salazar, C.F. (2007) 'Caring for the sick and wounded' in B. Campbell and L. Tritle (ed.) *The Oxford Handbook of Warfare in the Classical World*, Oxford University Press, ch. III.8

Lectures, Seminars and Conferences

June 2007

Salazar, C.F. 'Kausalität und Behandlung von Kopfschmerzen und Migräne bei Paulos von Aigina', Arbeitskreis Alte Medizin, University of Mainz, Germany

Simon Schaffer

In January 2007 Simon Schaffer was appointed a Trustee of the National Museum of Science and Industry. In March 2007 he was the joint recipient, with Dr Katrina Dean (British Library), of a Collaborative Doctoral Award from the AHRC to support a project on the newly acquired notebooks of William Henry Fox Talbot. This award will fund a doctoral studentship within the Department from October 2007.

Publications

Articles in books

Schaffer, S. (2006) 'Time machines' in L. Taub and F. Willmoth (eds) *The Whipple Museum of the History of Science: Instruments and Interpretations*, Whipple Museum, 345-366

Schaffer, S. (2007) 'Astrophysics, anthropology and other imperial pursuits' in J. Edwards, P. Harvey and P. Wade (eds) *Anthropology and Science: Epistemologies in Practice*, Berg, 19-38

Articles in journals

Schaffer, S. (2007) 'On seeing me write: inscription devices in the South Seas', *Representations* 97 (winter 2007), 90-122

In Press

Books

Roberts, L., Schaffer, S. and Dear, P. (eds) (2007) *The Mindful Hand: Inquiry and Invention from the Late Renaissance to Early Industrialisation*, Edita and Chicago

Lectures, Seminars and Conferences

October 2006

Schaffer, S. 'Instruments, surveys and maritime empire', Empire and the Sea, Institute of Historical Research, London

Schaffer, S. Inaugural Steven Straker Lecture, UBC Vancouver

Schaffer, S. Owen Hannaway memorial, HSS Conference, Vancouver

November 2006

Schaffer, S. 'Public experiments', K.H. Connell Memorial Lecture, Irish Economic and Social History Society, Belfast

December 2006

Co-organiser, International Workshop on Go-betweens and Imperial Knowledge Networks, Teylers Museum, Haarlem

January 2007

Co-organiser, Workshop on Lovejoy's *Great Chain of Being*, Department of History and Philosophy of Science, University of Cambridge

Schaffer, S. 'The information order of Newton's *Principia*', History Department, University of Warwick

Schaffer, S. 'The empire of science', Manchester Literary and Philosophical Society

February 2007

Schaffer, S. 'The astrological roots of mesmerism', Text/History, University of Oslo

Schaffer, S. 'Interferences between STS and history of science', University of Oslo

Schaffer, S. 'On disciplines and interdisciplines', St Catherine's College, Oxford

March 2007

Co-organiser, workshop in re-enactment history and effective knowledge, CRASSH, University of Cambridge

May 2007

Schaffer, S. 'Asiatic enlightenments of British astronomy', Roy Porter Lecture, UCL

June 2007

Schaffer, S. 'Why public experiments often fail and sometimes work', Neale Watson Lecture, Nobel Museum, Stockholm

Schaffer, S. 'The mountain and its double', Colloquium Exercices de Métaphysique Empirique, Centre Culturel, Cérisy-la-Salle

Anne Secord

Publications

Articles in books

Secord, A. (2007) "'La connaissance de l'un devient la connaissance de tous": participation des artisans à la botanique anglaise au début du XIXe siècle' in F. Charvolin, A. Micoud and L.K. Nyhart (eds) *Des sciences citoyennes? La question de l'amateur des sciences naturalistes*, Editions de l'Aube, 90-107

Secord, A. (2007) 'Hotbeds and cool fruits: the unnatural cultivation of the eighteenth-century cucumber' in R. Bivans and J. Pickstone (eds) *Medicine, Madness and Social History: Essays in Honour of Roy Porter*, Palgrave Macmillan, 90-104

Secord, A. (2007) 'Nature's treasures: Dawson Turner's botanical collections' in N. Goodman (ed.) *Dawson Turner, A Norfolk Antiquary and his Remarkable Family*, Phillimore, 43-66

Lectures, Seminars and Conferences

June 2007

Secord, A. 'Seaweeds and taxonomic anxiety during the Napoleonic Wars', Workshop on the History of Scientific Observation, Max Planck Institute for the History of Science, Berlin

July 2007

Secord, A. 'Pressed into service: the spaces of botanical collecting and the production of scientific knowledge', Conference on 'Geographies of Nineteenth-Century Science', Institute of Geography, University of Edinburgh

September 2007

Secord, A. 'Private collections and the public good: skill and desire in early nineteenth-century natural history', key speaker at conference on 'Nature behind glass: historical and theoretical perspectives on natural science collections', Manchester Museum

Secord, A. "'Tutored eyes": the observational skills of nineteenth-century Lancashire bryologists', Annual General Meeting of the British Bryological Society, Liverpool Museum

Jim Secord

Jim Secord was on leave until January 2007 with a Leverhulme Trust Major Research Fellowship, researching a book on science in the illustrated newspaper press during the nineteenth century in London, Paris and New York. As Director of the Correspondence of Charles Darwin, he has been involved in the launch of a new website and preparations for the 2009 bicentenary of Darwin's birth. He has also been active in the Leverhulme-funded Cambridge Victorian Studies Group, which organised several meetings on nineteenth-century science during the course of the year.

Publications

Articles in books

Secord, J. (2007) 'Scrapbook science: composite caricatures in late Georgian England' in B. Lightman and A. Shteir (eds) *Figuring It Out*, New England University Press, 164-191

Secord, J. (2007) 'How scientific conversation became shop talk' in A. Fyfe and B. Lightman (eds) *Science in the Marketplace*, University of Chicago Press, 23-59

Articles in journals

Secord, J. 'Science', pp. 272-276 in L. Howsam et al. 'What the Victorians learned: perspectives on nineteenth-century schoolbooks', *Journal of Victorian Culture* 12 (2007), 262-285

In Press

Articles in books

Secord, J. (2008) 'Science, technology and mathematics' in D. McKitterick (ed.) *Cambridge History of the Book in Britain, 1830-1914*, Cambridge University Press

Reviews

Secord, J. 'The geohistorical revolution', essay review of M. Rudwick, *Bursting the Limits of Time: The Reconstruction of Geohistory in the Age of Revolutions*, in *Metascience* 16 (2007)

Secord, J. Review of D. Knight, *Communicating Science*, in *British Journal for the History of Science* (2008)

Lectures, Seminars and Conferences

October 2006

Secord, J. 'Evolution in the marketplace', meeting on *Debating the Evidence: Evolution*, CRASSH, University of Cambridge

February 2007

Secord, J. 'A planet in print: rethinking the discovery of neptune', STS Workshop, Department of History and Philosophy of Science, University of Cambridge

Secord, J. 'Science', What the Victorians Learned: Meeting on Perspectives on Nineteenth-Century Science, University Library/Cambridge Victorian Studies Group

March 2007

Secord, J. 'Embryos and evolution in mid-nineteenth-century Britain', Interdisciplinary Workshop on Reproduction, University of Cambridge

Secord, J. "'To the field": re-enacting experience in the history of the earth sciences', Workshop on Re-enactment History and Affective Knowing, CRASSH, University of Cambridge

May 2007

Secord, J. 'Charles Lyell: the geologist and his world', invited lecturer for opening of the Lyell Centre, Geological Society of London

Commentary on M. Morgan, 'Epistemic genres', *Cases in Science, Medicine and the Law*, CRASSH, University of Cambridge

August 2007

Secord, J. 'How do we know what to believe?', Science Summer School, University of Cambridge

September 2007

Secord, J. 'The origins of global geology in the age of empires', Bicentenary, Geological Society of London

Emma Spary

On 1 September 2007, I shall be taking up a post as eighteenth-century historian at the Wellcome Trust Centre for the History of Medicine at UCL, London.

Publications

Reviews

Spary, E.C. Review of P.P. Ferguson, *Accounting for Taste: The Triumph of French Cuisine*, in *European History Quarterly* 37 (2007), 146-147

Spary, E.C. Review of P.H. Reill, *Vitalizing Nature in the Enlightenment*, in *Isis* 97 (2006), 355-356

In Press

Articles in books

Spary, E.C. (2007) 'Botanical networks reconsidered' in R. Dauser, S. Hächler, M. Kempe, F. Mauelshagen and M. Stuber (eds) *Wissen im Netz: Botanik und Pflanzentransfer in europäischen Korrespondenznetzen des 18. Jahrhunderts*, Berlin: Akademie-Verlag

Spary, E.C. (2009) 'Self preservation: French travels between *cuisine* and *industrie*' in L. Roberts and S. Schaffer (eds) *Go-Betweens and Imperial Networks of Knowledge*, Amsterdam: Koninklijke Akademie van Wetenschappen

Lectures, Seminars and Conferences

December 2006

Spary, E.C. 'Self preservation: French travels between *cuisine* and *industrie*', Workshop on Go-betweenes and Imperial Networks of Knowledge, 1770 to 1820, Teylers Museum, Haarlem

January 2007

Spary, E.C. 'Making more out of meat in eighteenth-century Paris', Early Medicine and Natural Philosophy Seminar, Department of History and Philosophy of Science, University of Cambridge

March 2007

Spary, E.C. 'Physicians, poisons and providence in eighteenth-century Paris', Hexagonal Forum, St. John's College, Cambridge

Mark Sprevak

Mark Sprevak is writing a book about computation, and organising a major international philosophy conference on the notion of computation in cognitive science. He has recently worked as a consultant for Microsoft Research on philosophical aspects of claims about cognitive artefacts. He continues to organise the Philosophy Workshop at the Department of History and Philosophy of Science.

In Press

Articles in journals

Sprevak, M.D. 'Chinese rooms and program portability', *British Journal for Philosophy of Science* (2007)

Sprevak, M.D. 'Kripke's paradox and the Church-Turing thesis', *Synthese* (2007)

Lectures, Seminars and Conferences

October 2006

Sprevak, M.D. 'Not all computations are effective methods', Philosophy Workshop, Department of History and Philosophy of Science, University of Cambridge

November 2006

Sprevak, M.D. 'Portability and the Chinese room', Moral Sciences Club, University of Cambridge

December 2006

Sprevak, M.D. 'Not all computations are effective methods', Philosophy and History of Science Seminar, University of Bristol

January 2007

Sprevak, M.D. 'Realism about computation and two senses of mind dependence', Departmental Seminar, STS Department, University College London

July 2007

Sprevak, M.D. 'Functionalism and extended cognition', European Society for Philosophy and Psychology International Conference 2007, University of Geneva

Jacqueline Stedall

In Press

Books

Robson, E. and Stedall, J. (eds) (2008) *The Oxford Handbook in the History of Mathematics*, Oxford University Press

Stedall, J. (2008) *Mathematics Emerging: A Sourcebook 1540–1900*, Oxford University Press

Beery, J. and Stedall, J. (2008) *The 'Magisteria Magna' of Thomas Harriot*, European Mathematical Society

Articles in books

Stedall, J. (2008) 'Newton's algebra' in S. Mandelbrote and H. Pulte (eds) *The Reception of Isaac Newton in Europe*, Continuum

Stedall, J. (2008) 'François Viète' in T. Gowers and J. Barrow-Green (eds) *Princeton Companion to Mathematics*, Princeton University Press

Articles in journals

Stedall, J. 'Notes made by Thomas Harriot on the treatises of François Viète', *Archive for the History of Exact Sciences* (2008)

Stedall, J. 'Symbolism, combinations, and visual imagery in the mathematics of Thomas Harriot', *Historia Mathematica* (2007)

Lectures, Seminars and Conferences

December 2006

Stedall, J. 'Some forgotten mathematics: interpolation methods in early seventeenth-century England', Johann Gutenberg Universitat, Mainz

January 2007

Stedall, J. 'Archimedes' for *In Our Time*, BBC Radio 4, with Melvyn Bragg, Serafina Cuomo and George Phillips

June 2007

Stedall, J. 'Early seventeenth-century English algebraists and wordless algebra', REHSEIS seminar on 'Algebraic practices', University of Paris

Rebecca Stott

In March I published a novel, *Ghostwalk* – a book that draws on Newton's early years in Cambridge to provide a framework for a literary historical thriller plot and as a means to explore questions about the history of and connections between alchemy, glassmaking, plague and optics in the seventeenth century. The novel has been published in the UK and the US and is being translated into 12 different languages. I have also been appointed to a Chair in English Literature and Creative Writing at the University of East Anglia. This begins in September 2007.

Publications

Books

Stott, R. (2007) *Ghostwalk*, Weidenfeld and Nicholson (UK), Spiegel and Grau, Random House (US) and 12 translations

Lectures, Seminars and Conferences

October 2006

Annual Ruskin Lecture, Anglia Ruskin University

December 2006

Stott, R. 'Transmutation in transit – intellectual migration in the early nineteenth century', How Well do Facts Travel? Research Group, London School of Economics

April – Sept 2007

Interviews on *Woman's Hour* and several other local and national radio stations

Readings in UK book stores and book festivals

June 2007

Ghostwalk reading tour of the US: New York; Raleigh, North Carolina; Miami; Seattle; San Francisco

Liba Taub

Liba Taub is Director and Curator of the Whipple Museum, and Reader in HPS. During the past year she was elected a Fellow of the Society of Antiquaries. In March 2007 she again organised, with Aude Doody (UCDublin), an international conference on scientific writing in Greco-Roman antiquity, this time held at University College Dublin. In April, Taub was a Horning Visiting Scholar, invited to give a series of three lectures at Oregon State University; these will appear as the first book in a new series to be published by OSU Press. This past year she served on the newly-formed NASA Fellowship Committee for the History of Science Society, as well as the Wissenschaftliche Beirat of the Deutsches Museum, and the Dibner Prize Committee of the Society for the History of Technology; she has been invited to serve on the newly-formed Beirat for the Mathematisch-Physikalischer Salon in Dresden. Taub continues to serve as an elected member of the University Council, and is a member of the UK Spoliation Advisory Panel. She is also Director of Studies in HPS for Trinity Hall and Newnham College, where she is an Assistant Tutor and Fellow. She is currently preparing for her Trinity-Guildhall Grade 5 exam (drum kit).

Publications

Articles in books

Taub, L. (2007) 'Presenting a "Life" as a guide to living: ancient accounts of the life of Pythagoras' in T. Söderqvist (ed.) *The Poetics of Biography in Science, Technology and Medicine*, Ashgate, 17-36

Reviews

Taub, L. Review of C. Huffman, *Archytas of Tarentum: Pythagorean, Philosopher and Mathematician King*, in *American Journal of Philology* 128 (2007), 133-137

Taub, L. Review of A.C. Bowen and R.B. Todd, *Cleomedes' Lectures on Astronomy: A Translation of The Heavens with an Introduction and Commentary*, in *Phoenix* (Journal of the Classical Association of Canada) 40 (2006), 156-58

In Press

Books

Taub, L. (2008) *Aetna and the Moon: Explaining Nature in Ancient Greece and Rome*, Oregon State University Press

Articles in books

Taub, L. (2007) 'Meteorology' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2007) 'Winds' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2007) 'Harmony of the spheres' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2008) "'Eratosthenes sends greetings to King Ptolemy": reading the contents of a "mathematical" letter' in J.W. Dauben, S. Kirschner, A. Kühne, P. Kunitzsch and R.P. Lorch (eds) *Acta Historica Leopoldina* 50, Halle/Saale: Deutsche Akademie der Naturforscher Leopoldina

Lectures, Seminars and Conferences

March 2007

Organiser (with Aude Doody) of a second international workshop on Greco-Roman scientific and medical writing, University College Dublin

Taub, L. 'Aetna: scientific poetry and the limits of myth', workshop on Greco-Roman scientific and medical writing, University College Dublin

April 2007

Taub, L. 'Genres of scientific communication in Ancient Greece and Rome', 'Scientific poetry and the limits of myth' and 'Science and myth in dialogue' as the first Horning Lecturer, Oregon State University, Corvallis, Oregon

Anke Timmermann

In Michaelmas Term, Anke concentrated on writing up her thesis on alchemical poetry, and she passed her viva successfully in April. Amidst applying for fellowships (unsuccessfully), supervising HPS's delightful undergraduates (more successfully) and writing papers (success rate pending), she was courted, and finally swept off her Anglo-Germanic scholarly feet, by the Chemical Heritage Foundation, Philadelphia where she has been the new Roy Eddleman Institute Historian since July 2007. Anke henceforth hopes to foster relations between HPS and the Chemical Heritage Foundation.

Publications

Articles in books

Timmermann, A. (2006) 'A sixteenth-century manuscript and the hidden legacy of its readership: Trinity College Cambridge MS. R.14.56' in S. Horn, G. Dorffner and R. Eichinger (eds) *Wissensaustausch in der Medizin des 15.-18. Jahrhunderts*, Series 'Wiener Gespräche zur Sozialgeschichte der Medizin', Vienna, 153-178

Reviews

Timmermann, A. Review of H.G. Lenz (ed.) *Triumphwagen des Antimons. Basilius Valentinus, Kerckring, Kirchweger. Texte, Kommentare, Studien*, in *Ambix* 54 (2007), 99-100

In Press

Articles in books

Timmermann, A. (2007) 'Introduction' in A.S.G. Edwards (ed.) *Incunabula: The Printing Revolution in Europe, Science Series* (Primary Source Microfilm, units 41-44), Farmington Hills, MI: Thomson Gale

Articles in journals

Timmermann, A. 'Doctor's order: an early modern doctor's alchemical notebooks', *Early Science and Medicine* (2007)

Lectures, Seminars and Conferences

December 2006

Timmermann, A. 'How to fit a square recipe for the philosophers' stone onto a round scroll (with many pretty pictures): the Ripley Scrolls reconsidered', Brown Bag Lecture, Chemical Heritage Foundation, Philadelphia, PA

Laurence Totelin

In addition to working on her project on authority and authorship in the transmission of Greek and Latin medicinal recipes, Laurence sent the manuscript of her book *Hippocratic Recipes* to Brill. She was on maternity leave from May to October 2007.

Publications

Articles in books

Totelin L. (2007) 'Perfume' in H. Cancik and H. Schneider (eds) *Brill's New Pauly: Encyclopaedia of the Ancient World, Volume 10*, Leiden, 753-754

Articles in journals

Totelin L. 'Food and medicine in classical Greece: the blurred boundary', *Research Horizons: University of Cambridge Research Magazine* 3 (2007), 15

Reviews

Totelin L. Review of R. Mayhew, *The Female in Aristotle's Biology: Reason or Rationalization*, in *The Classical Review* 57 (2007), 49-50

Totelin L. Review of P.J. van der Eijk, *Hippocrates in Context: Papers Read at the XIth International Hippocrates Colloquium*, in *Medical History* 50 (2006), 552-553

In Press

Articles in journals

Totelin L. 'Sex and vegetables in the Hippocratic gynaecological treatises', *Studies in History and Philosophy of Biological and Biomedical Sciences* (2007)

Lectures, Seminars and Conferences

October 2006

Totelin, L. 'Between anonymity and pseudonymity: women's remedies in ancient pharmacological texts', Classics and Ancient History Seminar, University of Manchester

November 2006

Totelin, L. 'Anonymous and pseudonymous midwives in the works of Graeco-Roman medical writers', From Generation to Reproduction, Department of History and Philosophy of Science, University of Cambridge

January 2007

Totelin, L. 'Conquering the world through plants: rulers and botany in the Graeco-Roman world', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

February 2007

Totelin, L. 'Jouer sur les noms: les noms propres dans les collections de recettes grecques et latines', Université Libre de Bruxelles

March 2007

Totelin, L. 'Old recipes, new practice? The Latin adaptations of the Hippocratic gynaecological treatises', *Theorica et practica: medical texts and practice in the earlier Middle Ages*, University of Manchester

April 2007

Totelin, L. 'Playing with names: personal names in Greco-Roman pharmacological recipe collections', Classical Association Conference 2007, Birmingham

Sophie Weeks

Sophie Weeks completed her PhD and took up a Junior Research Fellowship at Homerton College. She is currently working on a book provisionally entitled *Francis Bacon and the Unity of the Sciences*.

Publications

Articles in journals

Weeks, S. (2007) 'Francis Bacon and the art-nature distinction', *Ambix* 54:2 (2007), 1-29

Reviews

Weeks, S. Review of J.R. Solomon and C.G. Martin (eds) *Francis Bacon and the Refiguring of Early Modern Thought: Essays to Commemorate The Advancement of Learning (1605-2005)*, in *The British Journal for the History of Science* 40 (2007), 284-285

In Press

Articles in books

Weeks, S. (2008) 'The role of mechanics in Francis Bacon's "Great Instauration"' in C. Zittel, R. Nanni, G. Engel and N. Karafyllis (eds) *Philosophies of Technology: Francis Bacon and his Contemporaries*, *Intersections: Yearbook for Early Modern Studies* 11

Reviews

Weeks, S. Review of K. Park and L. Daston (eds) *The Cambridge History of Science Volume 3: Early Modern Science*, in *The British Journal for the History of Science* (2008)

Lectures, Seminars and Conferences

January 2007

Weeks, S. 'Francis Bacon and the art-nature distinction', Departmental Seminar, Department of History and Philosophy of Science, University of Cambridge

February 2007

Weeks, S. 'Towards a new Bacon historiography', Homerton Research Seminar, University of Cambridge; and Seminars in the History of Science and Technology, Imperial College

June 2007

Weeks, S. "'A sublime wisdom": Francis Bacon on the Persian magic', British Society for the History of Science Annual Conference, University of Manchester

Paul White

Publications

Articles in books

White, P. (2006) 'Sympathy under the knife: experimentation and emotion in late Victorian medicine' in F. Bound Alberti (ed.) *Emotions, Medicine and Disease, 1700-1950*, Palgrave Macmillan, 100-124

White, P. (2007) 'Acquired character: the hereditary material of the self-made man' in H.-J. Rheinberger and S. Müller-Wille (eds) *Heredity Produced: At the Crossroads of Biology, Politics and Culture, 1500-1870*, MIT Press, 375-397

White, P. (2006) 'Thomas Huxley' in J. Merriman and J. Winter (eds) *Encyclopedia of Europe, 1789-1914*, Charles Scribner's Sons

In Press

Books

White, P. et al. (eds) (2008) *The Correspondence of Charles Darwin*, vol. 16, Cambridge University Press

Articles in books

White, P. (2008) 'Correspondence as a medium of reception and appropriation' in T. Glick and E.-M. Engels (eds) *The Reception of Charles Darwin in Europe*, Continuum

White, P. (2008) 'Letters and the scientific life in the age of professionalization' in R. Crone (ed.) *New Perspectives in British Cultural History*, Cambridge Scholars Press

Lectures, Seminars and Conference

November 2006

White, P. 'Darwin as collector', Cambridge Natural History Society

March 2007

White, P. 'Whose Darwin is the true Darwin?', Royal Society of London

July 2007

White, P. 'From sensibility to objectivity', Seminar on Disciplines of Feeling, Birkbeck College

White, P. 'The face of physiology', Minds, Bodies, Machines conference, Birkbeck College

White, P. 'What Darwin didn't believe', Science and Religion conference, University of Lancaster

September 2007

White, P. 'Darwin and the imperial archive', Nature under Glass conference, University of Manchester

Frances Willmoth

Publications

Books

Willmoth, F. and Taub, L. (eds) (2006) *The Whipple Museum of the History of Science: Instruments and Interpretations, to Celebrate the Sixtieth Anniversary of R. S. Whipple's Gift to the University of Cambridge*, Whipple Museum and Cambridge University Press

Articles in books

Willmoth, F. (2006) “‘The ingenious and unwearied Mr Abraham Sharp’: a transitional figure in the making of precision instruments’ in the book just cited, 427-466

Articles in journals

Willmoth, F. ‘Rumblings in the air: understanding earthquakes in the 1690s’, *Endeavour* 31 (2007), 24-29 (paper and online issues)

John van Wyhe

In October 2006 *Darwin Online* (<http://darwin-online.org.uk/>) was launched, receiving surprisingly extensive international media coverage and reviews by historians, scientists and librarians. In addition to writing introductions, I have supervised and edited all of the materials which have appeared on *Darwin Online*. Since the launch many additional publications (several newly discovered) and transcribed Darwin manuscripts or reproduced facsimiles were published for the first time, too numerous to specify. At the time of writing the site contains 40,476 pages of searchable text (excluding introductions) and 103,208 electronic images. Some, such as Emma Darwin’s diaries, generated considerable media coverage. The site has received over 16 million visits. In particular I have worked on transcribing and editing Darwin’s field notebooks from the *Beagle* voyage and, so far, edited all of Darwin’s shorter publications between 1835 and 1863.

I am also orchestrating the creation of the online Wheeler Library of the British Society for the History of Science, which will contain freely accessible primary and secondary documents of use in the teaching and study of the history of science. In a similar capacity as editor of the BSHS monograph series I am helping to bring out a new monograph edited by Hasok Chang and Catherine Jackson entitled *An Element of Controversy: The Life of Chlorine in Science, Medicine, Technology and War*.

Publications

Articles in journals

Wyhe, J. van ‘Mind the gap: did Darwin avoid publishing his theory for many years?’, *Notes and Records of the Royal Society* 61 (2007), 177-205

Wyhe, J. van ‘Darwin discovery [cheque at Christ’s College]’, *Viewpoint* (2007), 13

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Wyhe, J. van ‘A new life online’, *Endeavour* 30 (2006), 119

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Reviews

Wyhe, J. van. Review of P. Chambers, *Bones of Contention: The Fossil That Shook Science*, in *Viewpoint* (2007), 12-13

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In Press

Books

Wyhe, J. van (ed.) *The Complete Shorter Works of Charles Darwin*, Cambridge University Press

Wyhe, J. van, Chancellor, G. and Rookmaaker, L.C. (eds) *Charles Darwin’s Field Notebooks from the Voyage of HMS Beagle*, Cambridge University Press

Radio

December 2006

Charles Darwin’s *Beagle* Diary, *Book of the Week*, BBC Radio 4

Lectures, Seminars and Conferences

October 2006

Launch of *Darwin Online*, CRASSH, University of Cambridge

November 2006

Wyhe, J. van ‘*Darwin Online*’, CRASSH, University of Cambridge

February 2007

Wyhe, J. van ‘Was Darwin afraid to publish? The evidence is clear’, CRASSH work-in-progress seminar

April 2007

Wyhe, J. van 'Darwin's loss of faith', Faraday Institute, Cambridge

Wyhe, J. van 'Did Darwin really delay publishing his theory for many years?', Natural History Museum

June 2007

Wyhe, J. van 'Using *Darwin Online*' BSHS Annual Conference, Manchester

E.G. Zahar

Publications

Articles in books

Zahar, E.G. (2007) 'Métaphysique et induction' in L. Soler (ed.) *Karl Popper: Un Philosophe dans le Siècle* (*Philosophia Scientiae*, Vol. 11, Cahier 1), Paris: Kimé, 45-69

In Press

Books

Zahar, E.G. (2007) *Why Science Needs Metaphysics*, Chicago: Open Court

Darwin Correspondence Project

This was a busy year, which saw the completion of editing on the largest volume of correspondence to date, volume 16 of the series, which will be published in two parts in 2008. The project also undertook a major expansion and redesign of its electronic database and website (www.darwinproject.ac.uk), incorporating 5000 letter texts, and a substantially upgraded search facility. New interpretative material was also added to the website in the form of a special section on Darwin and religion, including letters and other historical materials, essays and interviews with historians, philosophers and scientists. This is the first of a series of special interest topics to be developed over the next few years. These new web developments, and a large portion of the ongoing editorial work, were supported by a large grant from the Templeton Foundation. Two new members joined the Project team this year: Sam Kuper, who obtained a BSc in history and philosophy of science from UCL, and Elizabeth Smith, who completed an MPhil in HPS here.

RAE 2008

RA5a – Research environment and esteem

The Department of History and Philosophy of Science (HPS) is a world leader in its field, committed to the promotion of scholarly research and production by all its academic members.

(1) RESEARCH STRUCTURE

(a) DEPARTMENTAL STRUCTURE

The HPS research community includes teaching officers, museum and library staff, affiliated lecturers, college research fellows, visiting students and scholars, and MPhil and PhD students. All teaching and research takes place on a single site. An administrative office co-ordinates relationships between students and staff, funding applications and contracts, data for investigators and funding bodies, seminars and lecture series as well as organising and maintaining records, producing reports and managing resources.

Research work is focussed around weekly general seminars for all members and up to twenty weekly and fortnightly seminars and reading groups. All research students affiliate to these. Research work includes a commitment to collaborative workshop and conference planning with review and development of each research focus (See 2 research groups).

HPS sponsors the Hans Rausing Lecture in History of Technology and Industry and since 2005 the Wellcome Lecture in History of Medicine. Researchers organise important conferences in Cambridge with the faculties of Archaeology and Anthropology, Classics, English, Geography, History, Law and Philosophy (See 6 esteem indicators) and projects with the University's Centre for Research in Humanities and Social Sciences (CRASSH) (including its inaugural meetings in 2003 on the organisation of knowledge and collections and its Social Property colloquium in 2004); conferences, workshops, public lectures and education through international summer schools, the Whipple Museum and National Science Week; at the Needham Research Institute, the British Association for the Advancement of Science; the Royal Society; the Aristotelian Society; the Royal Society of Arts; the Royal Institution; the British Academy; and national and international venues and congresses. Department research programmes on 'From generation to reproduction' (Wellcome Enhancement Award) and on 'Past versus Present in Victorian Britain' (Leverhulme) sponsor important conferences and workshops. HPS also plays a lead role in the Cambridge Bioethics Forum. These events have led to many publications. The Whipple Museum co-organises the Cambridge Discovery lecture series sponsored by Macmillan Science Publishing.

HPS is unique in having its programmes integrated with the world-class collections of the Whipple Museum of the History of Science, designated a pre-eminent non-national collection. In 2006 the Museum gained Full Accreditation status from the Museums, Libraries and Archives Council. Alongside the Case Study project for research students, officers and researchers collaborate in exhibitions and documentation of artefacts. Museum staff publish studies on the holdings of the museum and research its collections with a focus on issues of provenance and historical significance. In 2002-3, in collaboration with the Laboratory of Molecular Biology, museum staff and researchers organised a major 50th anniversary exhibition 'Representations of the Double Helix' (See 2(M)). In 2002, through the Designation Challenge Fund, the Museum refurbished its Discover gallery and created a Reserve Gallery. In 2005-6, through the DCF, the museum website was redesigned to improve research access and catalogue usage. In 2006 museum infrastructure was transformed to improve linkage between main galleries and the reserve gallery; a grant of £1.7m (SRIF4) will fund the construction of a new research study centre by 2008. Researchers also use the very important resources of other museums in Cambridge, including those of Zoology, Geology and of Archaeology and Anthropology. Research students have been able to work as interns at the National Maritime Museum Greenwich under a scheme established with HPS in 2004.

The Whipple Library is one of the country's outstanding collections in the field. From 2002 library and research staff played an important role in the dissemination phase of the HOST archives conservation project. In addition to its holdings the Library provides electronic access to worldwide research resources for all researchers, new microfilm scanners and adoption of a standard Voyager system with Unicode. Funding allowed continuing work on archival cataloguing, including important phrenology holdings and the new Rothschild collections. The policy to acquire and conserve valuable archival material from science departments remained a priority. Funding of £1.7m (SRIF3) supports the construction of a new library building, linked to HPS buildings with improved research access to loan, reference and archival holdings.

All researchers and students in HPS, aided by the Whipple Library, have access to the outstanding holdings elsewhere in the University and colleges. HPS maintains a website holding information and directions for all students, including the Guide to Research Resources, annual reports, timetables and seminar schedules.

The Flamsteed Letters Project, administered by Jardine and carried out by Willmoth and based on the archives of the Royal Observatory currently held in the University Library, was successfully completed in 2001. Several researchers continue work with the Charles Darwin Letters project at the University Library: from 2006 Secord assumed the directorship of project.

Alongside museum outreach, HPS staff are active in publicising science history: Cunningham's BBC Radio 4 series on the history of medicine, 2007, and Schaffer's BBC2 TV series on history of optics, are important examples.

The Department's 77 Affiliated Researchers include members of Oxford, Galway, Royal Holloway, Cardiff, Queen's Belfast, Open University, Lancaster, KCL, LSE, MPI Berlin, Uppsala, Swansea, Leicester, Anglia Ruskin, and UCL, and in Cambridge the Needham Research Institute as well as other departments with which HPS has peculiarly close collaboration, including Geography, Philosophy, History, Classics, Oriental Studies and Social and Political Sciences.

HPS is active in encouraging close collaborations with cognate groups elsewhere. The status of Visiting Scholar is awarded to more senior researchers from other depts: during the review period, 70 Visiting Scholars were hosted, at an average of 10 per year, including scholars from Australia, Austria, Belgium, Canada, China, Croatia, Estonia, Finland, France, Germany, India, Ireland, Italy, Japan, Mexico, Netherlands, Norway, Poland, Portugal, Russia, Spain and USA.

(2) RESEARCH STRATEGY

Research is conducted through groups aligned with the seminar programmes. Described here is the research of each group in the review period and appraisal of fulfilment and adaptation of RAE2001 research plans and objectives and planned activities from 2008-13. Research groups in philosophy of science have been reorganised. Staff changes have led to the discontinuation of the group on books and sciences in history and the philosophy of physics group, though considerable individual research continues; new groups have been established in history of philosophy (G) and in ethics and political philosophy (J) and an expanded group in sociology of scientific knowledge (O).

GROUP A: Early medicine (A: Cunningham, Jones, Kassell, Kusukawa, Ralley, Totelin; B: Leong)

Researchers meet at the seminar on Medicine and Natural Philosophy. Books have been published on religion, war, famine and death in Reformation Europe (2001) and a series of four books on the comparative history of European health care and poor relief (1995-2005). A monograph has been published on the life and work of Simon Forman (2005) and studies on Vesalius as part of a continuing project on medical and botanical illustration, on medicine in early modern households and on early modern astrology, alchemy and medicine. Members of the group have won a Wellcome senior research fellowship for work on Aristotelian anatomy and Wellcome postdoctoral awards for study of ancient transmission of medical recipes and of the role of time in early modern physics, plus several college research fellowships. Conferences have been organised on enlightenment medicine and religion, on early modern medical teaching, on angels and natural philosophy and on astrology and the body. Research continued on medical manuscripts and commonplace books, and on a translation of Reisch's 'Philosophic pearl'. Theses completed include studies of early modern magic and medical alchemical verse, with new doctoral studies of Ripey's alchemy and early modern Danish doctrines of generation. Major projects will generate two books (2008) on the career of Aristotelian anatomy and on anatomy in Enlightenment Europe. ESRC funding is sought for continuation of this research. A history of sixteenth century botanical and anatomical illustrations will be completed. Members will continue work on a monograph on medical communication in late medieval and early modern Europe and studies of books on the late medieval English clerical physician and on the role of time in 15th and 16th century medical practice.

GROUP B: Early mathematics and natural philosophy (A: Jardine, Robson, Taub, Weeks; C: Eagleton, Willmoth)

The group was strengthened by the recruitment of a lecturer to a post endowed by the Rausing family. A long-term study has been completed of the socio-political context of mathematics in ancient Iraq: a book is in press with Princeton UP. A monograph on communication in early modern astronomy appeared in 2007 and a book completed on ancient meteorology (2003). The project on Conflict and Priority in Early Modern Cosmology, cosponsored by the British Academy and CNRS, completed the first two volumes of 'La guerre des astronomes'. Many related essays have been published, in collaboration with colleagues from Barcelona, Oxford and Meldorf. Doctoral theses were completed on medieval time-finding instruments, Kepler's animist cosmology, Hevelius and the visual portrayal of the new astronomy; technical terminology in medieval Arabic science and Tycho's correspondence network. The 3-volume edition of Flamsteed's correspondence was completed in 2001. The project on early modern cosmology will produce at least 3 further volumes. Two further books on 'writing about nature' and 'genres of Greco-Roman science' will be completed. Workshops and conference sessions are planned on 'letters in ancient classical sciences'. 2007 sees the start of a 5-year AHRC project on 'The geography of knowledge in Assyria and Babylonia'. From 2010 the project will publish quantitative analyses to reveal geographical and diachronic changes. A more general monograph on Assyro-Babylonian scholarship will also be produced.

GROUP C: History of physical sciences (A: Schaffer, Secord; B: Agar, Noakes, Wilding; C: Fara, Wilmoth)

In 2002 the group recruited two new postdoctoral research fellows (see section 5, research income) working on the relations between experimental physics and psychical research in late Victorian Britain and on seventeenth century natural philosophy. These fellows published widely as well as co-editing the Dictionary of 19th century British scientists and a collective volume on the history of the Lucasian chair (published 2003), with contributions from six current and former members of the group. A 9-volume edition was produced of the works of Somerville with a major prefatory essay (2004). The group was strengthened by the Leverhulme-funded appointment of a temporary lecturer in 2003-6 for research on science in Victorian newspapers and research and publications on the history of 20th century physical sciences and on the historical development of mobile telephony. Work continued in relativity history and on a workshop on Eddington. The joint project with MPI Berlin on instrumentation and travel in physics was published in 2002. Collaborative work was pursued with colleagues at MPI Berlin and EHESS Paris on 19th-century observatory sciences, and with colleagues at U Twente on a project funded by the NSF and the KNAW (Netherlands) for research on innovation in the scientific and industrial revolutions, the results of which appeared in 2007 as *The Mindful Hand*, with contributions from five current and past former group members. Doctoral theses were also completed on Australasian physics and the Cavendish Laboratory; 19th century French physics; the use of models in Victorian physics; the relation between risk and instrumentation in Victorian physical sciences; the establishment of physical sciences in 19th century New Zealand; spectroscopy and astronomy around 1900; and the invention of holography. The group has won a collaborative PhD project funded by AHRC (2007-10) on the archives of WH Fox Talbot held at the British Library and seeks Leverhulme funding for a 2-year (2008-10) fellowship on British astronomy and colonial projects. New doctoral projects include studies of Victorian scientific journalism and of instrumentation in 18th-century Greenwich astronomy.

GROUP D: Explanation, inference and realism (A: Brosnan, Lewens, Lipton, McLeish, Sprevak, Tosh; C: Dicken, Zahar)

Topics covered by this group include functional and design explanation, the relationship between social and physical explanation, interest-relativity of explanation, relationship between explanation and understanding, non-demonstrative reasoning, abduction, falsifiability, reference of theoretical terms, constructive empiricism, objectivity of computation. The work of the group is supported by the HPS seminar, the Epistemology Reading Group and the Scepticism Reading Group. Members have completed books on realism, on explanation and inference in biology, a revised book on abduction, and on the relationship between inference and metaphysics, and all members of the group have published articles. All members of the group have given invited talks and keynote addresses. The group will continue its research with newly strengthened interests in reference, partial realism, the objectivity of computation, and biological explanation and inference. Book projects include constructive empiricism, realism and disjunctive reference and social explanation.

GROUP E: Metaphysics (A: Breitenbach, Broadbent, Cohen, Frasca Spada, Lewens, Lipton, Sprevak; C: Dicken)

This group covers metaphysical subjects both in the history of philosophy and in current studies. These include causes laws, dispositions, modality, computational processes, species, teleology, and human nature. The work is supported by an array of research seminars and reading groups, including the HPS Seminar, the Kant Reading Group, the Modal Logic Reading Group, and the Philosophy Workshop. Members of the group have published numerous articles on metaphysical topics and have organised conferences and workshops. The research areas specified in the 2001 have been successfully pursued. In addition to continuing work in these areas, HPS will be exploiting its new strength in Kantian metaphysics, biological metaphysics and the metaphysics of computation.

GROUP F: Epistemology (A: Breitenbach, Lewens, Lipton, Kusch, McLeish, Sprevak, Tosh; C: Dicken)

This group covers a wide variety of historical and systematic topics. Work is co-ordinated through a range of seminars (the HPS Seminar, the Epistemology Reading Group, the Philosophy Workshop, the Scepticism Reading Group, the STS Workshop). Five members hold Junior Research Fellowships, while one has been appointed to a lectureship in 2002. The achievements of the group include numerous articles in leading journals, book chapters, a special issue of SHPS on testimony and three monographs on communal epistemology, the philosophy of Darwin and on abduction. Members will write papers and a monograph on Kant's conception of teleology; publish papers and book chapters on social epistemology and the systematic links between relativism and scepticism; write a book on the philosophy of risk in which the epistemological aspects will figure centrally; continue research in non-demonstrative reasoning and the epistemology of testimony; and will publish a monograph on reference failure and natural kinds.

GROUP G: History of philosophy (A: Breitenbach, Cohen, Frasca Spada, Jardine, John, Kusch; B: Corfield)

The group has reoriented its work from that of group 6 in RAE 2001. The weekly Kant Reading Group has served as focus. It has also organised 2 annual workshops. A post-doctoral research fellowship has been won for work on Kantian teleology. As well as a number of annual one- and two-day workshops the activities of this group resulted in the publication of articles and of a co-edited volume, *Impressions of Hume* (OUP). A guest-edited special issue of SHPBBS was devoted to 'Kantian teleology and the biomedical sciences' (2006). Doctoral projects, resulting in published articles and planned books, have included the philosophy of testimony and its history, Kantian anthropology, and Kantian teleology. A monograph on history of the sciences is with OUP and work on 18-century metaphysics and human nature appeared in a series of articles and a co-edited book. Plans include a book on Hume, Kant and the Objects of Human Knowledge and a new series of workshops on Hume, in collaboration with Oxford and St Andrews. Work continues on a book on the history of the historiography and philosophy of the sciences, on articles on Kant and Berkeley and a study

on Kant and logical positivism. Further plans are underway for a new book on German-speaking philosophy and science to study how epistemological relativisms emerged in attempts to naturalise, historicise and sociologise Kant. Current doctoral projects include Kantian teleology, Kant and the unity of reason, Heidegger's early interpretation of Kant, and on Kant and public reason.

GROUP H: Philosophy of mind, psychology and human sciences(A: Brosnan, Forrester, Kusch, Lewens, Lipton, Mayer, McLeish, Sprevak; B: Manson)

The main forums include seminars such as PsyStudies, Psychoanalysis and the Humanities and the Scepticism Reading Group. The research foci have been philosophy of psychoanalysis, Darwinism and the philosophy of mind, free will and determinism, the philosophy of cognitive science, and rule-following and meaning after Wittgenstein. A monograph has been published on Kripke and Wittgenstein. The philosophy of the social sciences has emerged as a new focus of work in HPS. Three annual workshops have been held in this area. Two dissertations have been completed, two others are currently nearing completion. Members operated with the MPI Berlin on a 3-year research project on 'Knowledge and Belief' (2003-6) and with the MPI for Psychological Research, Munich, on a 3-year project on 'Freedom of the Will' (2002-5). Members plan a major monograph on 'Thinking in Cases', covering general reasoning in the sciences and other disciplines, medicine, law and the human sciences. A book will be written on philosophy of the social sciences and a monograph on the philosophy of computation, a key area in the philosophy of cognitive science.

GROUP I: Philosophy of biology (A: Breitenbach, Brosnan, Lewens, Lipton, Stegmann)

The group now comprises several specialists and also a number of other researchers. Since 2001, the group has published articles and books on teleological explanation, theories of genetic causation and information, conceptions of inheritance, the philosophical legacy of Darwinism, cultural evolution and more. Since 2001 group members have hosted conferences on population thinking in biology, innateness and cultural evolution. HPS has hosted several visiting scholars and visiting speakers. Work on evolution as a theory of forces appeared as a chapter of the 2004 book *Organisms and Artifacts*. Research funding for the work has been won: £50,000 from the Newton Trust, which matches a £50,000 2005 Philip Leverhulme Prize (awarded for outstanding scholars under 35). The title of the funded project is 'Human Nature: Assessing the Biological Foundations of Ethics'. This enables the hire of a researcher and teacher in the field. It will also enable publication on 'population thinking' and its impact on appeals to human nature in ethical theory. Members' future research will extend study of theories of content and information to look at animal communication and to develop a Kantian philosophy of nature.

GROUP J: Ethics and political philosophy (A: Breitenbach, Brosnan, John, Kusch, Lewens, Lipton, Peterson; B: McMillan, Manson)

The group has expanded since the 2001 RAE. Work has focused on three areas—risk and decision theory, ethical theory and bioethics/environmental ethics. A substantial collection of articles on risk has been edited and external funding won for 4 research projects on various aspects of risk and distributive justice. The total grant value was approximately £500,000. Several articles have appeared on ethical theory, especially on consequentialism. Within the field of bioethics, group members have published articles on reproductive ethics, research ethics and the nature of bioethics as a discipline. A special section of *Studies in History and Philosophy of Biological and Biomedical Sciences (HPBBS)* entitled *The Ethics of Bioethics* (2004) has appeared. HPS part-hosted a 4-year research project on informed consent (culminating in the publication of *Rethinking Informed Consent* (2007)). An article developing a Kantian environmental ethics has appeared, while members have published on the precautionary principle. HPS members have also made contributions to policy groups including the Biosciences Futures Forum, Nuffield Council on Bioethics and the Academy of Medical Sciences. Work has been pursued with the Cambridge Genetic Knowledge Park. HPS organised the Cambridge Bioethics Forum and hosted 3 one-day conferences on the philosophy of risk. Two books will appear on the foundations of decision theory; a short monograph will be published on the philosophy of risk. Postdoctoral work will continue on environmental ethics and on public health ethics.

GROUP K: Material culture and the scientific enterprise (A: Chadarevian, Hopwood, Jardine, Kusukawa, Qureshi, Schaffer, Secord, Taub, Willmoth; B: Kamminga; C: Eagleton)

The Whipple Museum continues to resource much departmental research. Cataloguing of the museum archives was completed in 2004-5: the archival material covers the period of the founding of the Museum and contains important documents relating to Whipple's bequest as well as information on the provenance of many items in the collection. The Designation Challenge Fund enabled a new research-based website focusing on 3 areas of the collection (astronomical instruments, microscopes, models), providing images, introductory essays and bibliography, to aid research. The Winona Fund supported work on astronomical instruments and celestial cartography, culminating in a thesis on globes and celestial planispheres in Restoration England. The Museum celebrated its 60th anniversary by publishing a volume of 23 essays contributed by group members charting the Museum's history and highlighting research on instruments in its collection. Museum staff published a number of articles in major journals. With MPI Berlin, the Museum in 2006 hosted a major study visit by 15 researchers and a concurrent research seminar in which group members presented object-based research from the collection. The Museum has sponsored the Latin Therapy Group and published three pamphlets, *Instruments of Translations*, 2003 (winner of the Waterman Prize), *Instruments of Mystery*, 2004, and *The Body as Instrument*, 2006. The Museum will continue to sponsor the Latin Therapy Group, which is currently working on a further booklet, *Instruments of Incompetence*. Work on visitor experiences in the Whipple formed the basis of an MA thesis in the Museum Studies course at Leicester, undertaken by the Whipple's collections manager. In 2003 the Museum co-sponsored an international conference entitled *University Collections - Are They Worth It?* A research

project on sites of usage of Auzoux's botanical models is underway. Work continues on the catalogue of the large collection of hand-held electronic calculators, with funding from the Pilgrim Trust and in collaboration with the British Museum. A special issue of *Studies in History and Philosophy of Science* will contain new studies on scientific instruments. A new area of the collection (globes) will be incorporated in the research-based website.

GROUP L: History of the life and environmental sciences (A: Frasca Spada, Jardine, Macdonald, Qureshi, Secord, White; B: Endersby; C: A. Secord, Rudwick)

The weekly research seminar, the Cabinet of Natural History, has hosted over 140 talks (of which at least 35 resulted in published papers). A volume of papers based on the talks on 'objects of natural history' has been published. Raven's *Plants and plant lore in ancient Greece* was published. Members' research has been supported by the Royal Society, Christensen fund, American Philosophical Society, and through college research fellowships. Studies have been published on Victorian botany and careers in natural history; on Darwinian sexual selection and Victorian biological taxonomy; and major monographs on the imperial career of J D Hooker and a prize-winning study of the history of biology. Further work has been pursued on the cultural history of ornithology and special issues of journals have been edited on primatology and on biological mechanisms. The first volume of a major historical study of the revolutions in the geosciences appeared (2005), and a second volume will appear in 2008. PhD dissertations have been completed on history in genetics textbooks, botanical career of J D Hooker, natural history in 19th-century Frankfurt, display of exotic peoples in Victorian London and on eccentricity in 19th-century natural history. New projects include the history of Auzoux's botanical models, object-lessons in Victorian teaching, Darwin's work on dogs, and Spanish American natural history in the enlightenment. Through its new Director, the group has established a closer relation with the Darwin Correspondence Project which has been awarded major grants from the British Ecological Society, the Mellon Foundation, the National Science Foundation, and the Newton Trust. Group members will produce monographs on the development of the science of emotion, from which a paper on Darwin and emotions will be published in 2008; and on the relation between life science and models of character. A collection of essays will appear on books about the sciences in the reform era, as will an edition Darwin's evolutionary works for Oxford World's Classics. This and other projects coincide with the 2009 Darwin bicentennial, including publication of Darwin's Beagle letters and scientific diaries, his complete scientific papers, a volume of selected letters following the publication of the *Origin of Species*, and two further volumes of the definitive Correspondence. HPS will be at the centre of these activities and is also active in the 5-year Leverhulme-funded initiative on 'Past versus Present in Victorian Britain', which will sponsor numerous meetings, visiting speakers and discussions.

GROUP M: History of modern medicine and biomedical sciences (A: Buklijas, Chadarevian, Heggie, Hopwood; B: Blackman, Hodges, Kamminga, Lafferton, Schickore, Wilmot)

In 2001–7 the group grew beyond expectation: it hosted 2–3 research fellows throughout the period and 4 completed PhDs, extended collaborations within and beyond the University, and achieved a tighter thematic focus while expanding its interdisciplinary reach. The group has been mainly supported by Wellcome funding: an enhancement award (2004–9), senior research fellowships, research fellowships and research leave. Members also received major funding from the MRC Lab of Molecular Biology and the ESRC. Members organized workshops and conferences in Cambridge and elsewhere, including Berlin, Brno and Heidelberg. The group collaborates internationally, especially through frequent visits to the MPI Berlin. The group's main collaborative output was the 2004 Stanford volume on models. The group produced several articles and coedited volumes on microscopical anatomy and problems of error, studies of anatomical artistry, and a history of brain archiving. A monograph appeared on wax embryo models and chapters in the standard *Geschichte des Ungeborenen* (2002) and in the CUP history of science series (2007). Members also contributed articles on embryology in late 19th-century Cambridge. A workshop on 'Agriculture and reproductive technology in the 20th century' led to a special issue of SHPBBS (2007). Research on molecular biology came to fruition with the major monograph, *Designs for Life* (CUP), one of the Sunday Times' 5 top science books of 2002, and (among many other outputs) a catalogue to accompany the Whipple Museum exhibition on 'Representations of the double helix'. PhDs were completed on Cold War cancer research, DNA and the news media, and on the media history of the early heart transplants. The group's other outputs included books on reproductive health in India (2006, 2007), a History Workshop Journal article on Cold War cancer research (2003), a Past and Present article on Victorian meat consumption and the urban consumer (2007) and special issues of HPBBS on 'Allergy' (2003), 'Ludwik Fleck' (2004), and 'Drug trajectories' (2005). The group will complete its anatomy projects and expand its work on history of reproduction, especially embryology and genetics, partly by seeking renewed Wellcome core funding for 2009–14. New work will commence on postwar genetics beyond the molecular tradition and how the rise of biotechnology changed the culture of biological research in the 1980s. With the aid of a year of Wellcome-funded leave in 2007–8 two books will be completed in 2008–13: *Haeckel's Embryos*, and *Visualizing Development: Anatomies of Human Embryos*. A PhD project on obstetrics and teratology around 1900 and collaborative work on a history of mammalian embryology in the UK since 1945 are planned.

GROUP N: History of the human sciences (A: Cohen, Forrester, Kusch, Mayer, Qureshi; B: Lafferton): The seminar group has met regularly since 1986, with connections to other Faculties (including Psychiatry, Social and Political Sciences, English). A close link to English was established with a paired seminar on 'Psychoanalysis and the Humanities' (2001–5). Psychoanalysis and History and History of Psychiatry, the two leading specialist UK journals in the field, are edited in association with HPS. Work continues on the history of the concept of gender and the development of psychoanalytic theories of sexuality. Four doctoral students successfully completed dissertations in this area. History of psychiatry and psychopharmacology remained great strengths. Research was pursued on the reception

of psychoanalysis in Cambridge and on the global history of psychoanalysis in the 20th century; and on comparative history of psychology and psychoanalysis. A major project, on Cases, led to participation in a 2001 Chicago Conference and organisation of a major Cambridge conference on 'Cases in Science, Medicine and the Law', which will result in an edited collection. Members also continued to work in the area of the philosophy and history of psychology and psychologism, including contributions to the 2001 Encyclopedia of Social and Behavioral Sciences and a major paper on 'Psychologism and Sociologism in Early 20th-Century German-Speaking Philosophy' (2003). Interdisciplinary collaboration within Cambridge during this period was intensified, as reported in RAE2001, in particular with the founding (2001) of a Cultures and History of Psychoanalysis Group, which hosted conferences (Tales of Terror, 2002 and Winnicott, 2004) and a weekly reading group (2001-7). Studies will be completed of the Cambridge reception of psychoanalysis, on the global history of psychoanalysis in the 20th century and on the development of case-based reasoning in law, medicine, the human sciences and computer science. Developments in the sphere of the history of sexuality and gender will be expanded within the framework of the Wellcome Enhancement Award ('From Generation to Reproduction') and a future application (2009) for a Wellcome Strategic Award. The CRASSH-based group has strong links with an AHRC-funded project, 'Psychoanalysis Network', coordinated by the Institute for Germanic and Romance Studies, London. Collaboration with this network will be consolidated.

GROUP O: Sociology of scientific knowledge (A: Kusch, Mayer, Schaffer; B: Agar, Demir)

The group has been strengthened by new members, including a Leverhulme visiting professor, ESRC fellow, Wellcome Fellow and Leverhulme-funded lecturer. The work focuses on the Science, Technology and Society Workshop (launched 2004) and conferences and workshops (especially the 2006 international conference 'Kuhn and the Sociology of Scientific Knowledge'). The STS Workshop organised a series on public involvement in scientific decisions (2005, with participation from LSE and SPRU); on the role of Kuhn in science studies (2006); and on testimony in the sciences (2007). Work has focused on history and philosophy of science policy; Thomas Kuhn; sociological perspectives on psychoanalysis; the reception of nanotechnology and biotechnology; science communication; philosophical discussions of the sociology of scientific knowledge; relativism; and rule-following. Achievements include monographs on computation and political science, communitarian epistemology and the sociology of rule-following. Members have delivered prestigious plenary lectures in social studies of science, have managed research for the RSA Forum for Technology, Citizens and the Market (from 2004) and organised Cambridge-based workshops on nanotechnology and on rethinking science and society (2005). PhDs were completed on rule-scepticism; on the social history of British history of science; on the notion of tool use in science studies; and on the relation between science studies and bioethics in postwar clinical trials. A book will be completed on the philosophy of the social sciences in which the sociology of knowledge figures centrally, and a social-historical monograph of the emergence of epistemological relativism in German-speaking philosophy and social science between 1840 and 1940. Members will investigate the history of sleep research and the sciences of everyday life and complete research on the relation between public experimentation and trust in scientific authority in the National Museum of Science and Industry; these results will have an initial presentation in the 2008 Harry Camp lectures at Stanford. PhDs continue in the sociology of nanotechnology and on scientific modelling.

(3) STAFFING POLICY

Permanent posts now include 2 professors from the start of the assessment period, and 4 new professors appointed during that period (in 2000, 2002 and two in 2003) and the Curator of the Whipple Museum, who since 2003 holds a Readership. In 2002 we obtained a new university lectureship in biomedical ethics and in 2003-4 a new university lectureship in history and philosophy of science, endowed through the Rausing family. Officers are granted leave at the rate one term every seven or cumulatively prorata and co-ordinated with their research projects. In the review period, at least 5 research-active staff were employed through these funds. Administrative and teaching duties are assigned to accommodate the officers' research work. Officers have been successful in winning external awards to pursue research (see (5) Research income).

HPS is committed to encouraging and resourcing research expertise by all staff, especially entrance level and junior faculty. Travel Grant schemes, along with HPS funds, offer financial assistance with travel costs incurred in research trips or conference participation. Impact of this support on research output is indicated under Research Group reports. For all staff, biennial appraisal interviews are conducted that include evaluation and advice on the research output and direction. Officers prepare reports on their research work and set out plans for future initiatives. All teaching officers are supplied with computing and office facilities for their research work. HPS offers facilities for meetings and colloquia organised by staff in connexion with their projects. Seminar groups and provision of supportive resources for these projects play a decisive role in the publication of major joint collaborative works by HPS researchers. As forums for training and advanced research discussion, these programmes provide a resource for encouraging the interdisciplinary collaboration of historians, philosophers and sociologists of science with natural scientists.

(4) RESEARCH STUDENTS AND RESEARCH STUDENTSHIPS

HPS is committed to maintain and enhance its successful recruitment of research students. It delivers a full-time MPhil in History, Philosophy and Sociology of Science, Technology and Medicine and a full-time PhD. Between 2001-07 the number of PhDs rose from 34 to 46; the average number of MPhils was 20 per year. A further 42 visiting research

students were hosted during the review period, taking part in seminars, reading groups and research supervision: most of these were registered at universities in North America and the EU.

HPS trains research students in methodology and historiography and instructs in the provision of research resources. The Director of Graduate Studies oversees all students' work; The MPhil Manager directs master's students and assigns them supervisors. The MPhil course combines taught and research components. Teaching takes place through supervisions and weekly seminars led by the teaching officers. Students are exposed to material from the field and present their own work. All students attend two introductory meetings on research methods and resources. HPS publishes an online Guide to Research Resources. Staff organise Graduate Training workshops on topics such as project management, grant and job applications, and oral and written presentation skills, and maintains regular classes in Latin, Greek and German.

HPS encourages all prospective PhD students to take its MPhil. The course encourages the combination of historical with philosophical approaches to the sciences and offers a grounding in method and research strategy. Students who do not take the MPhil must submit a substantial piece of work at the end of their first PhD year which must reach the standard of an MPhil distinction. Doctoral students have a supervisor and advisor. The advisor is appointed by the Degree Committee at the end of the first term in consultation with both supervisor and student. The advisor regularly reads draft material from the student. At the end of each year a substantial piece of work, thesis outline and timetable are read by the advisor and supervisor who provide the Degree Committee with a joint report. All PhD students maintain a progress log to record these joint reports, meetings with supervisor and advisor, action plans and attendance at seminars, conferences and courses.

HPS tries to integrate all younger scholars in its research activities through participation in research seminars and collaborative work with more senior members using the training opportunities offered by research groups. All graduate students attend the general HPS seminar and at least one of the other seminar series. All PhD students present their work in the HPS seminar. Graduate students organise fortnightly workshops in history of science and in philosophy of science for their research, play a leading role in organising seminar series and reading groups, and have organised Cambridge meetings of the postgraduate conferences of the Kant Society, National Postgraduate Analytic Philosophy Conference and the British Society for History of Science.

HPS attracts many overseas postgraduate students. In the review period 42 PhD students were from overseas. Research students have been successful in gaining Studentships from the AHRC (31), Gates Trust (3), Wellcome Trust (6) and Darwin Trust (2).

HPS maintains an active programme for research student funding. Williamson Studentships support research in history of biological sciences. Rausing Studentships (established 2003) support work in history and philosophy of science. Turner Studentships meet the cost of a student undertaking a PhD in philosophy of science or history of scientific ideas. Students who have completed an undergraduate natural sciences degree and intend to pursue a course of philosophical study are eligible for a Gerstenberg Studentship. HPS is a centre through which Wellcome Trust master's awards are available; it also received a number of Newton Trust awards for students holding a 3-year Research Council maintenance grant.

The Redhead Prize is for the best performance on the essay component of the MPhil course; the Rausing Prize (inaugurated 2004) is for the best MPhil dissertation. The Waterman Prize is awarded to the student who makes outstanding use of the Whipple collection. Students use artefacts as resources and objects of study in their work and the Museum sponsors Case Studies designed to bring that work into the gallery. In 2006 McConnell endowed a fund to pay for student exhibitions in the Museum.

Between 2001 to 07 44 PhD degrees were awarded; 1 ScD (Stephen Toulmin); 1 LittD (Anthony Edwards); 15 graduate students were awarded Cambridge college research fellowships; graduate students obtained employment at British universities (Exeter, Imperial, Kent, Lancaster, Leeds, Leicester, LSE, UCL, Oxford, UW Swansea, Sussex, York) and overseas universities (Alberta, Berlin, Binghamton, Budapest, Florida, Galway, Humboldt, Halifax, Lisbon, Pennsylvania, Singapore, Toronto, Washington, Zurich); and curatorial posts at museums and libraries including the Contemporary Scientific Archives Centre Bath; National Museum of Science and Industry; Victoria and Albert Museum; British Library (as curator of history of science); the Utrecht University Museum; and Danish Astronomical Museum. Postdoctoral funding has been obtained from the Newton Trust, AHRC, ESRC, Wellcome, Leverhulme, Pfizer, British Academy, SSHRC (Canada) and Mellon Trust. Students published monographs and contributed chapters to collective works, as well as publishing papers in journals such as *Studies in History and Philosophy of Science*, *Studies in History and Philosophy of Biological and Biomedical Sciences*, *British Journal for the History of Science*, *History of Science*, *Medical History*, *Isis*, *Ambix*, *Journal for the History of Neurosciences*, *Journal of History of Astronomy*, *British Journal for the History of Philosophy*, *Philosophical Quarterly*, *Analysis*, and *Philosophy of Social Sciences*.

(5) RESEARCH INCOME (amount and sources of external research income are listed in RA4)

HPS maintains an active and co-ordinated policy on applications for research income. Regular meetings are held to assess and plan funding applications and monitor progress of awards; staff are supplied with details of funding opportunities. HPS has been consistently successful in obtaining research funding. Since 2001 95% of applications have been successful. Funding supports research leave, sustains collaborations, pays for replacement teaching, sustains a major programme of research workshops and conferences; and provides support for travel and research costs. In 2001-7 awards were gained from Leverhulme, AHRC, Wellcome, British Academy, Royal Society and ESRC.

Grants for replacement teaching allowing senior staff leave to conduct research: 2001-2 Kusch held a leave fellowship at Wissenschaftskolleg, Berlin; 2001-3 Hopwood held a Wellcome leave fellowship; 2003-6 Secord held a Leverhulme Major Research Fellowship; and in 2005-6 Schaffer and Forrester received awards under the AHRC Research Leave Scheme. In 2007 an Early Career Fellowship from CRASSH funded Robson's research leave. A Wellcome Trust Enhancement Award has provided replacement teaching for Kassell (2006-7) and Hopwood (2007-8).

New posts have been created through successful funding awards. In 2002 a major endowment from the Rausing family provided a new university lecturer in history and philosophy of science and joint funding from Addenbrookes NHS Trust through Cambridge Genetics Knowledge Park provided a lecturer in bioethics. Chadarevian held a senior research fellowship funded through the Lab of Molecular Biology to research the history of molecular biology (1997-2006).

In 2006 Secord was appointed Director of the Darwin Correspondence Project, jointly managed with the University Library and the American Council of Learned Societies. The Project, which employs several researchers associated with HPS, gained the Queen's Anniversary Prize for Higher and Further Education in 2002.

HPS has been successful in winning research funding through the Wellcome Trust. Since 2004 HPS has held an Enhancement Award, with Hopwood as principal applicant, funding studentships, research leave, workshops and conferences on 'From generation to reproduction'. The Trust also funded ten research fellowships a fellowship for Kamminga (from 1999) and senior fellowship for Cunningham (since 1999); Cunningham holds a Wellcome Project Grant (2005-2008).

From 2006 Leverhulme funded a 5-year project, including support for postdoctoral fellowships and workshops, on 'Past versus Present in Victorian Britain', co-directed by Secord. Under this scheme, a postdoctoral fellowship (2006-9) was awarded to Qureshi. Leverhulme also awarded a visiting professorship (2005-6, 2006-7) to Prof Sheila Jasanoff (Harvard) to work in HPS. Alongside obtaining and attracting college research fellowships, externally-funded postdoctoral fellowships have been an important component of HPS's research profile. In 2002-7 Noakes gained a postdoctoral fellowship funded by the British Academy/Royal Society; Wilding held a British Academy fellowship (2002-5) funded by the; Stegmann commenced a British Academy fellowship (2006). ESRC funded research fellowships for Wilmot (2003-6) and Demir (2005-6).

6 ESTEEM INDICATORS

KEYNOTE ADDRESSES: Eddington Memorial Lecture Cambridge (Lipton, 2001); Roland Bainton Lecture, Warburg Institute (Kusukawa, 2002); History of Microbiology Lecture, Society of General Microbiology Manchester (Chadarevian, 2003); Professor, Imminger Summer School (Forrester, 2004); Medawar Prize Lectures, Royal Society London and Bristol (Lipton, 2004); Society for History of Natural History, Cambridge (A Secord, 2004); Scientific Instruments Society (McConnell, 2004); MPI for Psychological Research, Munich (Kusch, 2004); Leibniz Lectures, Universität Hannover (Kusch, 2005); HH Reynolds Lecture, Baylor University (Rudwick, 2005); Swiss Society for Social Studies of Science (Kusch, 2005); Rothschild Lecture, Harvard University (Schaffer, 2006); College of Physicians Philadelphia (Cunningham, 2006); Psychoanalysis without Freud, Zuerich (Mayer, 2006); Roy Porter Lecture, University College, London (Schaffer, 2007); Neale Wheeler Watson Lecture, Nobel Museum Stockholm (Schaffer, 2007).

PLENARY LECTURES: Conference on Causation and Explanation in Natural and Social Sciences, Ghent (Lipton, 2002); Hugh Miller Bicentennial Conference, Cromarty (Secord, 2002); Decennial Conference of Association of Social Anthropologists, Manchester (Schaffer, 2003); Society for Social Studies of Science, Paris (Schaffer, 2004); Conference on pre-Raphaelites and Science (Secord, 2004); British-North American Joint Meeting of HSS, BSHS and CSHPs, Halifax NS (Secord, 2004); Tercentenary Conference on Newton's Opticks, Royal Society London (Schaffer, 2004); RSA Forum for Technology, Citizens and the Market (Agar, 2005); British Society for Philosophy of Science (Lewens, 2005); British Society for History of Philosophy (Kusch, 2006); Hungarian Philosophical Association (Kusch, 2006)

CONFERENCE ORGANISATION: Hume Studies (Frasca Spada, Edinburgh, 2002); Normativity and Meaning (Kusch, Wissenschaftskolleg zu Berlin, 2002); Forty years of European Molecular Biology Organisation, Heidelberg (Chadarevian, 2003); Cambridge Bioethics Forum (Lewens); Error and Concept Adjustment in Experimental Contexts, Aegina (Schickore, 2003); International Conference on University Collections, Cambridge (Taub, 2003); Women of Psychoanalysis, Tavistock Centre London (Forrester, 2003); Conference on Arthur Eddington, CRASSH Cambridge (Price, 2004); Workshops on Informed Consent, King's College Cambridge (Manson, 2004); Institutional Stability in

the Face of Political Change: evidence from premodern western Asia, British Academy (Robson, 2004); ESF project from Natural Philosophy to Science (workshops, Wolfenbuettel, Nijmegen, Ghent (Kusukawa, 2004-6); graduate conferences of the Kant Society (Breitenbach, 2004, 2005); workshops on nanotechnology, science and government since 1945 and rethinking science and society, CRASSH Cambridge (Agar, 2005); Illuminating Cambridge, Fitzwilliam College Cambridge (Jones, 2005); Foucault in Cambridge (Grundy, 2005); Kuhn and sociology of scientific knowledge, Cambridge (Demir, 2006); Wellcome Enhancement Award 'From generation to reproduction' Cambridge Workshops (Hopwood, 2005-); Conversations with Angels, CRASSH Cambridge (Kassell, 2005); Medicine and Religion in the Enlightenment, Cambridge (Cunningham, Grell, 2005); History of Psychoanalysis Today, Sigmund Freud Foundation Vienna (Mayer, 2004); Science and Medicine in Central and Eastern European Empires, Cambridge (Lafferton, Buklijas, 2006); History and Epistemology of Molecular Biology, MPI Berlin (Chadarevian, 2005); BSHS Postgraduate Conference, Cambridge (Dry, 2005); Ancient Scientific Discourse, Newnham College Cambridge (Taub, 2006); Astrology and the Body (Kassell, Ralley, 2006); Temporalizing the Great Chain of Being (Hopwood, 2007); Cases in Science, Medicine and Law, Cambridge (Forrester, Kassell, 2007)

VISITING APPOINTMENTS: Fellowship Wissenschaftskolleg zu Berlin (Kusch, 2001-2); Schaffner visiting professor, Franke Institute Chicago (Forrester, 2003); Visiting professor Ludwig-Maximilian Universitaet, Munich (Kusukawa, 2004); Visiting scholar, Deutsches Museum (Taub, 2005); Directeur d'Etudes, Ecole des Hautes Etudes en Sciences Sociales, Paris, April 2006 (Forrester); Whitney J Oates short-term fellow of the Council of Humanities and Program in History of Science, Princeton University, March 2001 (Forrester); Princeton Institute for Advanced Study (Kassell, 2003-4); Lawrence Stone professorship, Davis Center Princeton University (Schaffer, 2003); senior research fellowship, MPI Berlin (Chadarevian, 2004-5); Karman Center for Advanced Studies, University Berne (Taub, 2006); University Pennsylvania, Museum of Archaeology and Anthropology (Robson, 2006); acting professor, UCLA (Chadarevian, 2006-7); visiting lecturer, University Dubrovnik (Buklijas, 2007)

LEARNED SOCIETIES: Council, British Society for the History of Science (Secord, Fara, Schaffer, Weeks); Fellow of the British Academy (Jardine); Council, History of Science Society (Secord); vice president, Society for History of Natural History (A Secord); Nuffield Council on Bioethics (Lipton); Society for Applied Philosophy (Macmillan); Council, British Society for History of Mathematics (Robson); president of History of Earth Sciences Society (Rudwick); president, International Society for History of East Asian Science Technology and Medicine (Cullen); fellow, Academy of Medical Sciences (Lipton); Hon. Secretary, International Numismatic Society (Eagleton); management committee, British Society for History of Philosophy (Frasca Spada); council, British School of Archaeology, Iraq (Robson); Trustee, National Museum of Science and Industry (Schaffer).

EDITORSHIPS of journals and series: Studies in History and Philosophy of Science (Jardine, Frasca Spada); Studies in History and Philosophy of Biological and Biomedical Sciences (Jardine); British Journal for the History of Science (Schaffer); Journal of the History of Astronomy (Hoskin); Psychoanalysis and History (Forrester); Oxford Dictionary of National Biography (research ed McConnell; associate ed, Schaffer); British Society for History of Mathematics Bulletin (co-ed Robson); Correspondence of Charles Darwin (director, Secord); Sciences in antiquity, Routledge (Taub).

TRANSLATIONS: Kusch, Language as calculus versus language as the universal medium (Portuguese, 2001); Mayer, Traume nach Freud (English, 2003); Fara, An entertainment for angels (Chinese, 2003); Jardine, Frasca Spada, Books and sciences in history (Chinese, 2005); Schaffer, Leviathan and the air pump (Spanish, 2006; Chinese, 2006); Schaffer, Science as culture (Dutch, 2005); Forrester, Freud's Women (Italian, 2007).

HONOURS AND PRIZES: Association of American Publishers (Secord, 2001); Honorary doctorate of science (Hesse, 2002); Ian Langham prize, AAHPSSS (Dean, 2002); Pfizer prize, History of Science Society (Secord, 2002); Scientific Instrument Society anniversary medal (McConnell, 2004); Erasmus Prize (Schaffer, 2005); Jehuda Neumann award, Royal Meteorological Society (McConnell, 2005); Jerwood prize, Royal Society of Literature (Endersby, 2005); Philip Leverhulme Prize (Lewens, 2005); Association of American Publishers (Rudwick, 2005), Sarton Medal (Rudwick, 2007).

EXTERNAL FELLOWSHIPS: Beinecke-Whitney, Yale (Jones, 2002-3); Leverhulme Major Research (Secord, 2003-6); British Academy/Royal Society Postdoc (Noakes, 2002-7); British Academy Postdoc (Wilding, 2002-5); nonstipendiary, All Souls, Oxford (Robson, 2004-11); British Academy postdoc (Stegmann, 2006-9); BA Neil Ker Memorial Award (Eagleton, 2006).

Seminar Programmes

Michaelmas Term 2006

Departmental Seminars

This term we have changed the format for the Departmental Seminar. Papers (either work-in-progress or published papers or chapters) will be pre-circulated, and speakers will provide a short account of their work followed by a response by the Seminar Chair, with the rest of the session used for debate and discussion. The papers for each session will be available in a box-file in the library and at www.hps.cam.ac.uk/seminars/dept.html

Seminars are on Thursdays at 4.30pm in Seminar Room 2, with tea and biscuits beforehand from 4pm in Seminar Room 1. Organised by Stephen John.

2 November **Duncan Pritchard (University of Stirling)**
Perceptual knowledge and discrimination (work in progress)

This paper discusses the relationship between perceptual knowledge and discrimination. In particular, it argues for a re-evaluation of a range of cases that have been central to epistemological discussion and which have prompted some to question the truth of certain highly plausible epistemic principles, such as the ‘closure’ principle for knowledge. It is claimed that provided one has the right understanding of the perceptual knowledge at issue in these cases, then they pose no problem for such principles. Furthermore, it is argued that accepting these principles does not commit one to a ‘discrimination’ principle for knowledge, a principle that can initially seem plausible but which places an unduly austere constraint on knowledge. Finally, it is claimed that further support for this picture of the relationship between perceptual knowledge and discrimination can be gleaned by considering the conditions under which claims to know are inappropriate, and by distinguishing the cases under discussion from sceptical cases which, it is argued, require a separate treatment, despite being apparently analogous.

9 November **Michael Wintroub (University of California, Berkeley)**
Making truth or masking lies: the triumph of the Conards

We will be reading two chapters from my recently published book, *A Savage Mirror: Power, Identity and Knowledge in Early Modern France*. The first sets out the social and epistemic fields within which popular urban traditions such as the charivari were linked to a display of New World peoples organized by the city of Rouen for their king’s royal entry. It argues that the carnivalesque was neither a critique of France’s ‘established hierarchies’ nor of its traditional order, but aimed to satirize the social aspirations of new urban elites, while at the same time valorizing ideals of natural virtue and simplicity that were associated with both feudalism and peoples from the New World. Like popular social satire, the verisimilar representation of the New World found in the entry is linked to an ‘empiricist’ response to the social and epistemic instabilities that accompanied the discovery of the New World, the fracturing of religious unity, humanist philological historicism, and the rising power of France’s new elites. The next chapter focuses on the relationship between early modern collecting practices and the form and content of the king’s entry. It argues that it was through acts of collecting that France’s civic elites sought to fashion themselves as a new kind of nobility and to resurrect the lost Age of Gold. At the same time, it suggests that insofar as nobility came to be seen as an art to be affected rather than a natural (e)state, the question of how authenticity – that is, how truth – was to be adjudicated took centre stage. Attempts to answer this question – prescriptively and in social practice – came to play an important and often overlooked role in the social history of our own representational practices.

16 November **John Hawthorne (University of Oxford)**
Agreement and the new relativism (work in progress)

David Kaplan once suggested that propositions are not true or false simpliciter, but only relative to times. The kind of semantical framework he offered – whereby propositions are only true relative to a particular parameter of evaluation – has been the basis of various recent relativist proposals. This paper offers a critique of this Kaplanian strategy.

23 November *Second Cambridge Wellcome Lecture in the History of Medicine*
Hilary Marland (University of Warwick)
Doctors, motherhood and insanity of childbirth in Victorian Britain

This lecture will explore the close and complex relationship between mental disorder and childbirth in the treatment of what in the early nineteenth century came to be called ‘puerperal insanity’. The disorder was described as severe, dangerous and, because its victims challenged domestic order and ideals of motherhood, a threat to the sanctity of the

Victorian home. Yet, at the same time, therapeutics were typically patient and expectant, with little medical intervention. Even women admitted to asylums were usually subjected to mild curative regimes based largely around the principles of ‘moral management’. Doctors, in describing what they feared was becoming a prevalent disorder, referred extensively to the physical and mental challenges of pregnancy, birth and childrearing, and in so doing problematised in unexpected ways the ideals of maternity and domestic ideology. Explanations for the onset of puerperal insanity were drawn, not just from notions of female vulnerability and biology, but also from a broad set of moral, social and environmental frameworks. Using especially the case notes of private and asylum practice, I shall argue that rather than solidly supporting traditional female roles and duties, doctors questioned them, presenting motherhood as often disappointing, demanding and overwhelming.

WORKSHOP: ‘Future mothers of Empire? Representations of girls’ health, 1890-1930’, 11.30-1.00 in Seminar Room 1
Professor Marland will introduce a discussion of a paper that will be circulated about two weeks in advance. All welcome!

Research Methods Seminars

Seminars on research methods and topics in history and philosophy of the sciences and medicine, for all new graduate students, are held in the first two weeks of term, on Thursdays at 4pm in Seminar Room 2. Tea is available from 3.45pm in Seminar Room 1. All welcome.

Each seminar will consist of short informal talks presenting research methodologies and areas. The Research Methods Guide is on the HPS website at www.hps.cam.ac.uk/research.

Organised by Marina Frasca-Spada and Nick Jardine.

- 5 October **Chaired by Peter Lipton**
Nick Jardine: Reading groups, seminars and other resources; **Tim Lewens:** How to write a philosophy essay; **Helen Macdonald:** Environmental history; **Christina McLeish:** Problems of scientific realism; **Ayesha Nathoo:** History of modern medicine
- 12 October **Chaired by Nick Jardine**
Nick Hopwood: Doing history; **Alix Cohen and Brian King:** Kant and the sciences; **Patricia Fara:** Scientific images; **Stephen John:** The risks of bioethics; **Ruth Horry and Margaret Olszewski:** Working on Whipple collection objects

History of Medicine

Seminars are on Tuesdays from 5.00 to 6.30pm in Seminar Room 1. Tea is available from 4.40pm. All welcome!

Early Medicine and Natural Philosophy

Organised by Lauren Kassell, Elaine Leong and Alisha Rankin.

- 10 October **Lisa Smith (University of Saskatchewan)**
Sterility and the disordered household in Early Modern England and France
- 31 October **David Gentilcore (University of Leicester)**
The renaissance tomato, from botanical curiosity to culinary condiment
- 21 November **Marjo Kaartinen (University of Turku)**
‘Desperate and incurable’: defining breast cancer in England, c.1550-1800

History of Modern Medicine and Biology

Organised by Tatjana Buklijas and Nick Hopwood.

- 17 October **Roger Cooter (University College London) and Claudia Stein (University of Warwick)**
Thinking in posters: AIDS and the power of the visual
- 7 November **Robert Kirk (University of Manchester)**
From standardization to welfare: the origins of the ‘3 Rs’ approach to managing laboratory animals
- 28 November **Aya Homei (University of Manchester)**
The H-bomb, fishermen and an unusual infection: the Bikini incident and the rise of a new medicine in Cold War Japan

From Generation to Reproduction

This seminar, which is funded by our Wellcome Trust enhancement award in the history of medicine, is a forum for discussion of how, since 1500, our world of reproductive practices and controversy was created.

Seminars are on Tuesdays from 5.00 to 6.30pm in Seminar Room 1. Tea is available from 4.40pm. All welcome!

Organised by Laurence Totelin and Nick Hopwood.

- 24 October **Rebecca Cassidy (Goldsmiths College, London)**
'It's all in the blood': thoroughbred racehorse reproduction
- 14 November **Rebecca Flemming (Faculty of Classics, Cambridge)**
Nature, nurture or neither? Some Hippocratic generations of difference

Cabinet of Natural History

Seminars are held on Mondays at 1pm in Seminar Room 1. You are welcome to bring your lunch with you. Organised by David Feller.

- 9 October **Simon Chaplin (Hunterian Museum, Royal College of Surgeons)**
The strange tale of Dr Jekyll and Mr Hunter: the social and professional life of naturalist John Hunter (1728-1793)
- 16 October **Sujit Sivasundaram (Gonville and Caius College, Cambridge)**
Botany, empire, religion and collecting in early nineteenth-century north India
- 23 October **FUNGUS HUNT**
- 30 October **Jasper Heinzen (Darwin College, Cambridge)**
Transcultural botany: Japanese gardens in New Zealand, 1890-1950 (*This seminar will start at 12.30*)
- 6 November **Jim Moore (Open University)**
R.A. Fisher: a faith fit for eugenics
- 13 November **Margaret Schabas (University of British Columbia)**
More like apes than angels: natural history and the political economy of David Hume and Adam Smith
- 20 November **Niall O'Flaherty**
Divine design arguments in the eighteenth century
- 27 November **Salim Al-Gailani (HPS, Cambridge)**
Tropical invalids: climate and culture in nineteenth-century British natural history

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

Seminars are held on Wednesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome.

Organised by John Forrester, Andreas Mayer and Deborah Thom.

- 25 October **Hans Pols (University of Sydney)**
Psychiatry and colonial politics: colonial psychiatry and indigenous physicians in the former Dutch East Indies
- 1 November **Fay Bound Alberti (University of Lancaster)**
Angina pectoris and the Arnolds: emotions and the framing of heart disease in medical history
- 15 November **Edgar Jones (King's College London)**
Shell shock to PTSD: a step change in the conceptualisation of psychological responses to traumatic events
- 29 November **Michel Feher (École Normale Supérieure, Paris)**
Four erotic problems: elements of a history of arts of love

Epistemology Reading Group

We will be reading from Jennifer Lackey and Ernest Sosa (eds) *The Epistemology of Testimony* (OUP, 2006). 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 essay, 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 and are open to all. Organised by Peter Lipton.

5 October	Robert Audi, 'Testimony, Credulity, and Veracity'
12 October	James Van Cleve, 'Reid on the Credit of Human Testimony'
19 October	Sanford C. Goldberg, 'Reductionism and the Distinctiveness of Testimonial Knowledge'
26 October	Keith Lehrer, 'Testimony and Trustworthiness'
2 November	Jennifer Lackey, 'It Takes Two to Tango: Beyond Reductionism and Non-Reductionism in the Epistemology of Testimony'
9 November	Frederick F. Schmitt, 'Testimonial Justification and Transindividual Reasons'
16 November	Elizabeth Fricker, 'Testimony and Epistemic Authority'
23 November	Richard Moran, 'Getting Told and Being Believed'

Latin Therapy

The Latin Therapy Group meets on Fridays at 4pm in the HPS Lodge to practise the art of translation, improve our Latin grammar, and determine who deserves more sympathy on account of the difficulty of their sources – all in a mutually supportive environment! Well-known (usually classical) texts of relevance to the history of science are studied, as well as texts on which members of the group are working. Select meetings will be held in historic college libraries, with a session at Jesus College's Old Library anticipated in October. The language tutor is Debby Banham. All are welcome to attend.

For more information, and to be added to the mailing list, please contact Patrick Boner. Information is also available on the Latin Therapy website, www.hps.cam.ac.uk/latintherapy.

Greek Therapy

The Greek Therapy Group meets on Fridays from 2.30 to 4pm in the HPS Lodge. Laurence Totelin is our language tutor. We are working through the final chapters of the diminutive *Greek for Beginners* by L.A. Wilding, referring as needed to *A Primer of Greek Grammar* by Abbott & Mansfield (both published by Duckworth). We hope to graduate to some of the easier passages from Plato later this term. All welcome; anybody with a smattering of Greek from school or college would be able to catch up very quickly. For more information contact Nick Tosh.

Kant Reading Group

We meet on Tuesdays from 1pm to 2.30pm in Seminar Room 1. Organised by Marina Frasca-Spada.

'Kant's philosophy and the sciences'

17 October	Paul Dicken will introduce P. Strawson, <i>The Bounds of Sense</i> , London: Methuen, 1966, Part 5, 'Kant's theory of geometry', pp. 277-92
24 October	Brian King will introduce A. Quinton, 'Spaces and Times', <i>Philosophy</i> 37 (1962): 130-147 (and possibly M. Hollis, 'Times and Spaces', <i>Mind</i> 76 (1967): 524-536; L. Falkenstein, 'Spaces and Times: a Kantian response', <i>Idealistic Studies</i> 16 (1986): 1-11)
31 October	Marina Frasca-Spada will introduce M. Friedman, <i>Kant and the Exact Sciences</i> , Cambridge, MA: Harvard UP, 1992, ch. 2, 'Concept and intuitions on the mathematical sciences', pp. 96-135
7 November	Sasha Mudd will introduce M. Friedman, 'Kant's Causal Laws and the Foundations of Natural Science', in P. Guyer (ed.), <i>The Cambridge Companion to Kant</i> , Cambridge: CUP, 1992, pp. 161-199
14 November	Alix Cohen will introduce E. Watkins, <i>Kant and the Metaphysics of Causality</i> , Cambridge: CUP, 2005, ch.3, 'Kant's Second and Third Analogies of Experience', pp. 185-229
21 November	Sacha Golob will introduce B. Longuenesse, <i>Kant on the Human Standpoint</i> , Cambridge: CUP, 2005, ch. 7, 'Kant's standpoint on the whole: disjunctive judgment, community, and the Third Analogy of Experience', pp. 184-208
28 November	Angela Breitenbach will introduce O. O'Neill, <i>Constructions of Reason</i> , CUP, 1989, ch. 3, 'Reason and Autonomy in Grundlegung III', pp. 51-65

Science and Literature Reading Group

This term the group will explore the question ‘what is science journalism?’. We will meet fortnightly on Mondays 16 and 30 October, and 13 and 27 November, from 7.30-9pm, in the upstairs seminar room of Darwin College. All welcome!

For the first session we will be discussing contemporary science journalism, alongside the ‘Science and the Media’ section of the Government Select Committee on Science and Technology’s third report. This is available at: <http://www.publications.parliament.uk/pa/ld199900/ldselect/ldsctech/38/3810.htm>

If you’re thinking of attending then please bring along a few examples from recent newspapers or magazines.

In following sessions we will go back in time to see how the aims and problems of communication have been addressed in previous centuries, including the writings of J.G. Crowther, the nineteenth century periodical press, and earlier broadsides. A selection of these texts will be available in the Whipple Library from the beginning of term for reading and photocopying.

For further information, please visit our new weblog at <http://sci-lit-reading-group.blogspot.com>, or e-mail Katy Price or Melanie Keene.

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, articles intended for publication, or conference papers. 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 our box file in the Whipple Library. Please contact Nicky Reeves if you are interested in giving a paper or adding your name to the e-mail list.

- 11 October **Melanie Keene (HPS, Cambridge)**
Bangs and stinks: Ede’s ‘Youth’s Laboratories’ and the smell of useful knowledge
- 25 October **Lise Kvande (Norwegian University of Science and Technology)**
Maternal or fetal diagnostics? Practices of ultrasound imaging in Norway, 1970-1995
- 8 November **Boris Jardine (HPS, Cambridge)**
Darwin’s microscopes: theory, practice and reputation
- 22 November **Patrick Boner (HPS, Cambridge)**
Glimmerings of life: new stars and comets in Kepler’s living cosmology

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 Mark Sprevak.

- 18 October **Mark Sprevak (HPS, Cambridge)**
Not all computations are effective methods
- 1 November **Joab Rosenberg (HPS, Cambridge)**
Philosophy on the move: mind and body in Stanley Cavell’s work
- 15 November **Paul Dicken (HPS, Cambridge)**
Three degrees of (anti-realist) modal involvement
- 29 November **Joe Sandham (HPS, Cambridge)**
Relative meaning

Lent Term 2007

Departmental Seminars

Seminars will be held once every two weeks on Thursdays at 4.30pm in Seminar Room 2, with tea beforehand from 4pm in Seminar Room 1. Organised by Stephen John.

Please note papers will not be pre-circulated this term. Seminars will revert to the traditional format, with papers presented by speakers for about 45 minutes, followed by discussion for about 45 minutes.

25 January **Sophie Weeks (Homerton College and HPS, Cambridge)**
Francis Bacon and the art-nature distinction

Commentators generally expound Bacon's position on the art-nature relationship in terms of how much it retained or departed from traditional conceptions. This paper argues that an appreciation of the Baconian meaning of the terms 'art' and 'nature' requires a close examination of his wider cosmogonical speculations. Bacon's cosmogonical account moves from a state of unbridled chaos to the relatively stable system for which the term 'nature' is normally used. The fundamental principle lying at the heart of Baconian cosmogony is an enriched and appetitive matter: eternal, unchanging, and the plenipotentiary source of all things. Successive limitations of matter's absolute power produced a lazy and habitual nature, which Bacon labelled 'nature free'. To shift nature from this otiose condition, the Baconian operator recapitulates the original binding of matter. Bacon designated the systematic procedures of binding nature the science of magic. Magic is Bacon's human counterpart to the original cosmogonical process which gave rise to the current system of nature. In Bacon's cosmogony all possible worlds unfold out of matter: the function of art is to shake out nature's hidden folds. Hence, the distinction between *naturalia* and *artificialia* maps onto the distinction between actual and potential. Nature free is without purpose but art – nature bound – knowingly brings into being an alternative nature designed for human utility. Bacon's goal, I shall argue, was to access the occult storehouse of matter's powers by means of the artful manipulation of matter itself.

8 February **Paul Dicken (HPS, Cambridge)**
From manifest image to Musgrave's problem: some comments on van Fraassen's epistemology

Constructive empiricism is an attempt to reconcile what Wilfred Sellars has called our manifest and scientific images of the world. As an epistemological project, it therefore consists of a delicate balancing act between believing too much, and believing too little, of our accepted scientific theories. In this paper, I try to steer a middle course between these two extremes, responding to challenges by both Peter Lipton and Alan Musgrave respectively. I conclude with some observations of what the constructive empiricist may learn from these considerations about the nature of belief.

22 February **Christina McLeish (St Catharine's College and HPS, Cambridge)**
Reference failure: why worry?

For some time, philosophers of science have felt that a good account of reference must be a significant part of the realist response to antirealist threats like incommensurability and the pessimistic induction. There is a very large literature which wrestles with the advantages or otherwise of one suitably tweaked view over another. A lot of this tweaking is over how we should best cope with the historical problem of reference failure. The realist needs to balance the competing demands of the historical record, which apparently shows that many of the theoretical objects of science past don't exist, with the desire to demonstrate that science has a special ontological continuity. Getting the balance right has tied the debate up into some famous knots.

Some philosophers have lately expressed frustration with this concern about reference. They think that the problem is a red herring, and that trying to solve it doesn't scratch where realism itches. Some have argued that the debate confuses issues about semantics with issues about existence, and that existence is where the trouble really is. Others have argued that even if the problem could be solved, that wouldn't provide the support for realism that the proponents of the debate apparently think it would.

I'll try to show that reference failure is a proper problem for realists to tackle. I'll first argue that I think the various 'red herring' arguments are mistaken. Among other things, I'll consider the curious fact that no-one supposes that there are *no* cases of reference failure for the theoretical terms of science, even though they disagree over what the cases are. I'll argue that this is surprising, because it covertly supposes that reference failure is indeed a legitimate target of realist explanation.

8 March **Tatjana Buklijas (HPS, Cambridge)**
Anatomical politics and urban transformation in Vienna, 1848–1945

Vienna around 1900 is generally imagined as home to a leisurely café culture and a lively art scene, and as a polyglot time bomb of class and ethnic conflict. Historians of medicine describe the Austrian capital as a leading educational centre, offering students unparalleled access to the bodies of patients, living and dead. How and why should we try to put these two views together? Following historians who are increasingly taking cities seriously as settings that mould the production of scientific knowledge, I treat the practice of anatomy as informed, not just by international struggles over disciplinary priorities, but also by local politics, society and geography. I hope to show how such an approach benefits both urban history and history of science. I am studying the hundred years between the revolution of 1848 and the end of Nazi rule, but the talk will focus on three important years in the history of the city – 1848, 1897 and 1927 – to explore the relations between the disciplinary politics of anatomy and urban transformation.

History of Medicine

Seminars are on Tuesdays from 5.00 to 6.30pm in Seminar Room 1. Tea is available from 4.40pm. All welcome!

Early Medicine and Natural Philosophy

Organised by Lauren Kassell, Elaine Leong and Alisha Rankin.

- 23 January **Emma Spary (Wellcome Trust Centre for the History of Medicine at UCL)**
Making more out of meat in eighteenth-century Paris
- 13 February **Ayesha Mukherjee (Trinity College, Cambridge)**
Dreams of plenty: domestic economy in the writings of Hugh Platt
- 6 March **Michael Stolberg (University of Würzburg)**
‘Murderous pity?’ Active euthanasia in early modern medicine and society

History of Modern Medicine and Biology

Organised by Tatjana Buklijas and Nick Hopwood.

- 30 January **Andreas Mayer (HPS, Cambridge)**
Queer feet: tracing the normal and the pathological in nineteenth-century movement studies
- 20 February **Michael Worboys and Neil Pemberton (University of Manchester)**
‘The dog days’: rabies in England, 1830–1860
- 13 March **Christoph Gradmann (University of Oslo)**
Infection and imagination: Robert Koch and tropical medicine

From Generation to Reproduction

This seminar, which is funded by our Wellcome enhancement award in the history of medicine, is a forum for discussion of how, since 1500, our world of reproductive practices and controversy was created.

Seminars are on Tuesdays from 5.00 to 6.30pm in Seminar Room 1. Tea is available from 4.40pm. All welcome!

Organised by Nick Hopwood and Laurence Totelin.

- 6 February **Jean-Paul Gaudillière (CERMES, Paris)**
Why write a history of both red and green biotech? The controversies over DES in post-war France and the United States
- 27 February **Sigrid Weigel (Centre for Literature Research, Berlin)**
The concept of generation: historical and theoretical perspectives

Cabinet of Natural History

Seminars are held on Mondays at 1pm in Seminar Room 1. You are welcome to bring your lunch with you. Organised by David Feller.

- 22 January **Martin Rudwick (HPS, Cambridge)**
Geological deluge and snowball Earth
- 29 January **Laurence Totelin (HPS, Cambridge)**
Conquering the world through plants: kings and botany in the Graeco-Roman world
- 5 February **Peter Bowler (Queen's University Belfast)**
Amateurs and pros(e): growing pains in twentieth-century natural history publishing
- 12 February **Jenny Rampling (HPS, Cambridge)**
Alchemy and natural history
- 19 February **Joe Cain (University College London)**
Ritual patricide: why Stephen Jay Gould assassinated his idol
- 26 February **Peter Edwards (Roehampton University)**
The Earl of Oxford's stud at Welbeck in the 1720s
- 5 March **Leucha Veneer (University of Leeds)**
Mineralogy, stratigraphy and practical geology: shifting tensions in the Geological Society of London, 1807–1840
- 12 March **Jenny Beckman (University of Uppsala, Stockholm)**
Linnaean traditions? School botany and biological recording

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

Seminars are held fortnightly on Wednesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome.

Organised by John Forrester, Andreas Mayer and Deborah Thom.

- 31 January **Barbara Wittmann (Max Planck Institute for the History of Science, Berlin)**
The mismeasure of stickman: testing intelligence by drawings
- 14 February **Bibi Straatman (University of Nijmegen)**
On the metaphysics of listening and lying in psychoanalysis
- 28 February **Fernando Vidal (Max Planck Institute for the History of Science, Berlin)**
How we became our brains: a historical perspective
- 14 March **Alison Winter (University of Chicago)**
'No! No! Not the comfy chair!' The power of the experimental situation in social psychology

Epistemology Reading Group

We will be reading from Stephen Hetherington (ed.) *Epistemological Futures* (paperback, OUP, 2006). Two copies are on reserve in the Whipple Library.

Each meeting of the group will focus on an article, 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 and are open to all. Organised by Peter Lipton.

- 18 January Paul Churchland, 'Inner Spaces and Outer Spaces: The New Epistemology'
- 25 January Stephen Hetherington, 'How to Know (that Knowledge-that is Knowledge-how)'
- 1 February Christopher Hookway, 'Epistemology and Inquiry: The Primacy of Practice'
- 8 February Adam Morton, 'Knowing what to Think about: When Epistemology Meets the Theory of Choice'
- 15 February Linda Zagzebski, 'Ideal Agents and Ideal Observers in Epistemology'
- 22 February William Lycan, 'On the Gettier Problem'
- 1 March Catherine Elgin, 'From Knowledge to Understanding'
- 8 March Richard Feldman, 'Epistemological Puzzles about Disagreement'

Scepticism Reading Group

We will be reading *Knowledge and Its Limits* by Timothy Williamson (Oxford University Press, 2000, paperback 2002). The book is available in paperback in the philosophy section at Heffers, and two copies will be placed on reserve in the Whipple Library. Each meeting will focus on one chapter, with a member of the group offering an informal presentation, followed by a general discussion. (We shall read the first eight chapters in Lent Term, and the last four in Easter Term.)

Meetings will take place on Tuesdays 3pm-5pm in the HPS Lodge. All are welcome. Organised by Martin Kusch.

23 January	Ch. 1 'A State of Mind', pp. 21–48
30 January	Ch. 2 'Broadness', pp. 49–64
6 February	Ch. 3 'Primeness', pp. 65–92
13 February	Ch. 4 'Anti-Luminosity', pp. 93–113
20 February	Ch. 5 'Margins and Iterations', pp. 114–134
27 February	Ch. 6 'An Application', pp. 135–146
6 March	Ch. 7 'Sensitivity', pp. 147–163
13 March	Ch. 8 'Scepticism', pp. 164–183

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, articles intended for publication, or conference papers. 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 our box file in the Whipple Library. Please contact Nicky Reeves if you are interested in giving a paper or adding your name to the e-mail list.

24 January	Vidar Enebakk (University of Oslo, Norway) Samuel Lilley and the Commission for the History of the Social Relations of Science, 1947–53
7 February	Lydia Wilson (HPS, Cambridge) The place of natural philosophy in Al-Farabi's classification of knowledge
21 February	Lisa Mullins (HPS, Cambridge) 'Les particularités la plus considerable': Fontenelle's éloges
7 March	Francis Lucian Reid (HPS, Cambridge) Samuel Brown of Edinburgh: chemistry and the scientific career in nineteenth-century Scotland

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 Mark Sprevak.

31 January	Alex Broadbent (HPS, Cambridge) The difference between cause and condition
14 February	Torben Rees (HPS, Cambridge) The sceptical consequences of phenomenal realism
28 February	Caroline Baumann (HPS, Cambridge) Practices, rules and motivation
14 March	Yoon Choi (HPS, Cambridge) Can Kant have an account of self-knowledge?

STS Workshop

Meetings are held fortnightly on Thursdays, 12noon to 1.30pm in Seminar Room 1. All welcome. Organised by Martin Kusch and Simon Schaffer.

The meetings in Lent and Easter Terms 2007 have the common theme of 'Testimony'. Copies of all the texts will be on reserve in the Whipple Library.

- 25 January **Simon Schaffer** will introduce and lead a discussion of his paper 'Newton on the Beach: A Genealogy of Testimony and Solitude'
- 8 February **Martin Kusch** will present a paper entitled 'Testimony and the Value of Knowledge'
- 22 February **Jim Secord** will introduce and lead a discussion of his paper 'A Planet in Print: Rethinking the Discovery of Neptune'
- 8 March **Nick Jardine** will introduce and lead a discussion of his book chapter 'Historical Testimony'

Kant Reading Group

We meet on Tuesdays from 1pm to 2.30pm in Seminar Room 1.
For more information please contact Marina Frasca-Spada.

Wittgenstein Reading Group

Meetings will be on Fridays 2.00-3.30pm in the HPS Lodge. We will begin by going through Part I of Ludwig Wittgenstein's *Philosophical Investigations* (Blackwell: Oxford, 1953). Each weekly meeting will focus on between 15 and 30 pages of the text.

Graduates studying HPS or Philosophy are welcome, as are visiting scholars and those unfamiliar with the text. If you have any queries please contact David Clarke.

- 19 January §§1–64: On the Augustinian conception of language and on ostensive definition
- 26 January §§65–142: On language-games and family-likeness
- 2 February §§143–84: On understanding and reading
- 9 February §§185–242: On following a rule
- 16 February §§243–315: On the private language argument(s)
- 23 February §§316–62: On thought and speech
- 2 March §§363–427: On imagination and mental pictures, on the usage of first-person 'I' and on consciousness
- 9 March §§428–65: On expectation and fulfilment

Science and Literature Reading Group

This term the Science and Literature Reading Group will focus on a series of short stories about doctors. Most of the texts are available online, and photocopies will be available in the Whipple Library box file from the beginning of term.

We meet, as usual, on alternate Mondays from 7.30–9pm in the upstairs seminar room at Darwin College. Please contact Melanie Keene if you have any questions about the group, or if you would like to volunteer to introduce one of the sessions.

Remember you can keep up with all things science and literature at our online weblog! Go to <http://sci-lit-reading-group.blogspot.com>.

- 29 January Anton Chekhov, 'Anyuta' (1886) and 'A Doctor's Visit' (1898)
- 12 February Franz Kafka, 'A Country Doctor' (1919)
- 26 February Ernest Hemingway, 'Indian Camp' (1925) and 'A Day's Wait' (1936)
- 12 March William Carlos Williams, 'The Use of Force' (1938) and 'The Girl with a Pimple Face' (1938)

Latin Therapy

The Latin Therapy Group meets on Fridays at 4pm in the HPS Lodge to practise the art of translation, improve our Latin grammar, and determine who deserves more sympathy on account of the difficulty of their sources – all in a mutually supportive environment!

Each week we study a classical, medieval or early modern text related to the history of science, often selected by members of the group as part of their research. We warm up with a short introductory piece before moving onto the main text – aiming to produce a working translation each week. Latin texts are circulated in advance, and further support is provided by our language tutor, Debby Banham. All are welcome to attend.

For more information, and to be added to the mailing list, please contact Jenny Rampling. Information is also available on the Latin Therapy website, www.hps.cam.ac.uk/latintherapy.

Greek Therapy

The Greek Therapy Group meets on Wednesdays at 5pm in the HPS Lodge. Laurence Totelin is our language tutor. We are working through the final chapters of the diminutive *Greek for Beginners* by L.A. Wilding, referring as needed to *A Primer of Greek Grammar* by Abbott & Mansfield (both published by Duckworth). We hope to graduate to some of the easier passages from Plato later this term.

All welcome; anybody with a smattering of Greek from school or college would be able to catch up very quickly. For more information contact Nick Tosh.

Easter Term 2007

Departmental Seminars

Seminars are held on Thursdays from 4.30 to 6.00pm in Seminar Room 2, with tea beforehand from 4pm in Seminar Room 1. Organised by Stephen John.

26 April **William Newman (Indiana University)**
Chymistry and colours: alchemy, matter theory and optics in the early work of Isaac Newton

In the mid-1660s, Isaac Newton came to the realization that white light is not a homogeneous substance, but is made up of colorfacient rays of unequal refrangibility. While this discovery has no obvious antecedents in optical theory, it is an undeniable fact that a similar move was made in the area of matter theory in the years immediately preceding Newton's discovery. Robert Boyle, in part dependent on an earlier alchemical tradition, argued extensively against the Aristotelian homogeneity of mixed substances, an idea that had achieved great prominence in medieval and early modern universities. My paper will explore the possibility of links between Newton's rejection of optical homogeneity and the chymical rejection of material homogeneity. The paper will assume no understanding of alchemical matter theory, but will instead provide the background necessary for understanding how such a linkage may have taken place.

3 May **Anthony Grafton (Princeton University)**
Kepler as chronologer

Historical chronology was one of Kepler's favourite subjects, after astronomy, optics and music. He devoted considerable effort to mastering its materials and methods, corresponded about its central problems with Protestant and Catholic scholars, and wrote about it at some length. In many ways, his mastery of astronomy and considerable prowess as a humanist made him an ideal chronologer, and he arrived at some findings of great interest. But he also found chronology a particularly contentious field, one that tested scholarly civility to its limit and sometimes beyond. In this paper I will locate Kepler's work in the interlocking, but not identical, fields that were referred to, in his time, by the single name of chronology. Then I will examine some of the striking ways in which the larger ethical and methodological ideas often associated with the Republic of Letters played out in what seems, from the outside, a very abstract and austere study.

10 May **Quassim Cassam (Faculty of Philosophy, Cambridge)**
Williamson on knowledge

I am going to raise some questions about Williamson's arguments for the hypothesis that the concept of knowledge can't be analysed into more basic concepts. In response to his proposal that knowing is the most general factive stative attitude I distinguish between a number of different approaches to the question 'what is knowledge?' and make a case for what I call a 'sources' approach. (Suggested reading: Williamson, *Knowledge and its Limits*, chapter 1.)

Two Seminars on Counterfactuals

Gunnar Björnsson (Göteborg University)
Understanding counterfactuals
Friday 11 May, 12noon–1.30pm, Seminar Room 1

Standard theories of counterfactual conditionals are not only extensionally inadequate, but fail to make intelligible why the proposed truth-conditions would attach to natural language conditionals or counterfactual thought in science, philosophy, or everyday life. This talk will explain how a naturalistic contextualist account of conditionals can remedy these problems by tying the truth-conditions of counterfactuals to the cognitive function of natural inferential mechanisms.

Tim Williamson (University of Oxford)
Knowledge of counterfactuals
Friday 1 June, 3pm–4.30pm, Seminar Room 2

The talk will begin with some brief comments on the cognitive value to us of thinking in terms of counterfactual conditionals, including their use in inference to the best explanation. Accounts of their epistemology in terms of reasoning and simulation will then be considered. Finally, a moral will be drawn for the distinction between a priori and a posteriori knowledge.

Twelfth Annual Hans Rausing Lecture

Trevor Pinch (Cornell University)

Music and technology studies: from the Moog synthesizer to ACIDplanet.com
Thursday 24 May at 4.30pm, Winstanley Lecture Theatre, Trinity College

Trevor Pinch is Professor of Science & Technology Studies and Sociology at Cornell University. His books include *Analog Days: The Invention and Impact of the Moog Synthesizer* (with Frank Trocco, 2002) and *The Golem at Large: What You Should Know About Technology* (with Harry Collins, 1998).

Leverhulme Lectures

Ungoverned Reason: The Politics of Public Rationality

Professor Sheila Jasanoff, Pforzheimer Professor of Science and Technology Studies at the John F. Kennedy School of Government, Harvard University, will deliver three lectures to mark her Leverhulme Visiting Professorship at the University of Cambridge:

- **Evidence:** Tuesday 15 May, 5pm, Mill Lane Lecture Room 1
- **Science and Citizenship:** Wednesday 16 May, 5pm, Mill Lane Lecture Room 9
- **Reason and Culture:** Thursday 17 May, 5pm, Mill Lane Lecture Room 1

The final lecture will be followed by a discussion of the series, led by Professor Brian Wynne (University of Lancaster) and Professors Martin Kusch and Simon Schaffer (University of Cambridge). All members of the University are welcome to attend.

Professor Jasanoff is jointly hosted in Cambridge by the Department of Geography (Professor Susan Owens) and the Department of History and Philosophy of Science (Professor John Forrester).

Outline of the lectures

In democratic societies, rationality is seen as the best safeguard against abuses of power. Decisions that are founded on reason – rather than on passions, emotions, or subjective biases – require no further justification. To say that an action is reasoned is to grant its legitimacy, and effectively to put an end to public debate over it. Claiming reason thus becomes, in effect, a means of taking matters out of the domain of democratic politics. Authorities who bind themselves to the rule of reason need no added political constraints, or so it is thought.

In this series of lectures, I question these presumptions about the relationship of power, politics, and public reason in modern democracies. Looking at examples from fields such as the law, environmental policy, and the regulation of biotechnology, I argue that the processes by which we constitute public rationality – or, perhaps more accurately, the semblance of it – are deeply political, as well as culturally specific. Widely prevalent discourses of reason, such as rational choice, risk assessment or bioethics, often conceal underlying political assumptions that were never made explicit or exposed to full deliberation. Moreover, the institutions that should question authoritative claims of rationality are themselves limited in their power to expose rationality's inarticulate and undeliberated foundations. Accordingly, reason, while claiming the right to govern, remains itself ungoverned. These lectures are designed to open up the politics of reason to deeper analysis and democratic scrutiny.

Cabinet of Natural History

Seminars are held on Mondays at 1pm in Seminar Room 1. You are welcome to bring your lunch with you. Organised by David Feller.

- | | |
|-----------|--|
| 30 April | Nick Hopwood (HPS, Cambridge)
Anatomist holds model embryo: interpreting a marble portrait from 1900 |
| Tue 1 May | Field trip to the Hunterian and Soane museums, the former to include a special lecture by curator Simon Chaplin |
| 14 May | Susanne Pickert (Max Planck Institute for the History of Science, Berlin)
Setting eyes on the holy: the description of sacred sites in accounts of pilgrimages to Jerusalem and the medieval school of seeing, 12th–15th century |
| 11 June | <i>Garden Party</i>
Professor John Parker (Cambridge University Botanic Garden)
Poisoning people in the park |

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

Seminars are held on Wednesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome.

Organised by John Forrester, Andreas Mayer and Deborah Thom.

- 9 May **Michal Shapira (Rutgers University)**
Children in hospital: attachment theory and psychoanalytic research in post-war Britain
- 23 May **Alan Collins (Lancaster University)**
'We might as well call it stuff!': A short history of information as a psychological concept

STS Workshop

Meetings are held on Thursdays, 12noon to 1.30pm in Seminar Room 1. All welcome. Organised by Martin Kusch and Simon Schaffer.

The meetings in Easter Term 2007 have the common theme of 'Testimony'.

- 3 May **John Forrester** will introduce and lead a discussion of pp. 1-66 of his book *Truth Games: Lies, Money, and Psychoanalysis* (Harvard University Press, 1997)
- 17 May **Peter Lipton** will present a paper entitled 'Alien Abduction: Testimony and the Growth of Knowledge'

Epistemology Reading Group

We will be reading essays from Tamar Szabó Gendler & John Hawthorne (eds) *Perceptual Experience* (OUP, 2006). 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 essay, 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 and are open to all. Organised by Peter Lipton.

- 26 April Tim Crane, 'Is There a Perceptual Relation?'
- 3 May Fred Dretske, 'Perception without Awareness'
- 10 May David Chalmers, 'Perception and the Fall from Eden'
- 17 May Susanna Siegel, 'Which Properties are Represented in Perception?'
- 24 May Mark Johnston, 'Better than Mere Knowledge? The Function of Sensory Awareness'
- 31 May Anil Gupta, 'Experience and Knowledge'
- 7 June Michael Martin, 'On Being Alienated'
- 14 June Alva Noë, 'Experience without the Head'

Science and Literature Reading Group

This term we will be reading the writings of Thomas Pynchon. Our discussions will focus on selected passages, detailed below, but if you have time then please feel free to read more! Photocopied reading packs are available in the Whipple Library box file, and the books themselves are also held in many college and university libraries.

We meet on Mondays from 7.30-9pm in the upstairs seminar room of Darwin College: please note the slightly irregular scheduling this term to avoid bank holidays. All are welcome!

Organised by Melanie Keene, who maintains our weblog: <http://sci-lit-reading-group.blogspot.com>.

- 30 April *Gravity's Rainbow* (1973) London: Vintage, 2000, 397-433
- 14 May *Against the Day* (2006) London: Jonathan Cape, 57-80
- 21 May 'Entropy', in *Slow Learner* (1984) Boston: Little, Brown, 79-98
- 4 June *Mason & Dixon* (1997) London: Jonathan Cape, 116-24; 190-8

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, articles intended for publication, or conference papers. 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. Please contact Nicky Reeves if you are interested in giving a paper.

- 2 May **Patrick Boner (Kommission zur Herausgabe der Werke von Johannes Kepler, Bayerische Akademie der Wissenschaften)**
A statesman and a scholar: Hans Georg Herwart von Hohenburg as a critic and patron of Johannes Kepler
- 16 May **Natalie Kaoukji (HPS, Cambridge)**
The flying penman: John Wilkins and *The Secret and Swift Messenger*
- 30 May **Salim Al-Gailani (HPS, Cambridge)**
Monstrous deliveries: fetal anomalies and the making of facts in nineteenth-century obstetrics
- 13 June **Margaret Olszewski (HPS, Cambridge)**
Refashioning women: dress, science and the female body in late nineteenth-century Britain

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 Mark Sprevak.

- 9 May **Stefan Brenner (HPS, Cambridge)**
Colour-experience: eco-dispositionalism and inverted earth
- 23 May **Daniel Greco (Philosophy, Cambridge)**
Williamson on knowledge as the most general factive mental state
- 6 June **Elselijn Kingma (HPS, Cambridge)**
Environments: a problem for the bio-statistical theory of health
- 20 June **Florian Steinberger (Philosophy, Cambridge)**
Supposing this and that

Wittgenstein Reading Group

Meetings will be on Fridays 2.00-3.30pm in the HPS Lodge. We will begin by going through the last sections of Part I, as well as Part II, of Ludwig Wittgenstein's *Philosophical Investigations* (Blackwell: Oxford, 1953). If you have any queries please contact David Clarke.

- 27 April §§466-490 – Thinking, causation and grounds for acting
- 4 May §§491-569 – Meaning and grammar; propositions and pictures; the idea of language as an instrument
- 11 May §§570-610 – Psychological concepts as distinctive
- 18 May §§611-693 – Willing, voluntary movement, intention and intended meaning

Part Two of the Philosophical Investigations

- 25 May Parts i-x – Use of terms like 'grief' in comparison with 'pain', and their place within our form of life (i); Experiencing meaning as a mental image (ii-iii); Use of 'I believe' in the context of the mind-body problem (iv); Behaviour (v); Inner processes and the idea of words as being akin to musical phrases, sentences as compositions (vi); Sensations (viii); Observation, description and emotions (ix); Moore's paradox and 'I believe...' (x)
- 1 June xi – pp.193-214 or pp.165-182 3rd edition (up until 'In a law court, for instance, the question might be raised how someone meant a word...') – Discussion of seeing an aspect, meaning-blindness and the duck-rabbit figure
- 8 June xi – Remainder on experiencing the meaning of a word, primary and secondary sense, and the use of 'I know'. xii-xiv – The relation between our concepts and our natural history (xii); The expression 'to remember' (xiii); The confusions of psychology as conceptual and the inability of experimental method to solve such problems (xiv)

Kant Reading Group

We meet on Tuesdays from 1pm to 2.30pm in Seminar Room 1. For more information please contact Marina Frasca-Spada.

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| 24 April | Introduction to 'Physical Geography'. Presentation: Angela Breitenbach |
| 1 May | Preface of the 'Anthropology from a Pragmatic Point of View' (AA 7: 119-122) and section entitled 'On the Character of the Species' (AA 7: 321-333). Presentation: Alix Cohen |
| 8 May | Anthropology from a Pragmatic Point of View, §§6-7: On distinctness and indistinctness in relation to the consciousness of one's ideas (AA 7: 138-143) and §§41-44: Anthropological comparison of the three higher cognitive faculties with each other (AA 7: 197-202). Presentation: Sacha Golob |
| 15 May | Reviews of Herder's ideas on the philosophy of the history of mankind. Presentation: Sasha Mudd |

Scepticism Reading Group

We will continue reading *Knowledge and Its Limits* by Timothy Williamson (Oxford University Press, 2000, paperback 2002). Meetings will take place on Tuesdays 3pm-5pm in the HPS Lodge. All are welcome. Organised by Martin Kusch.

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| 1 May | Ch. 9 'Evidence', pp. 184-208 (Presenter: Ulrich Stegmann) |
| 8 May | Ch. 10 'Evidential Probability', pp. 209-237 (Presenter: Martin Peterson) |
| 15 May | Ch. 11 'Assertion', pp. 238-269 (Presenter: Martin Kusch) |
| 22 May | Ch. 12 'Structural Unknowability', pp. 270-301 (Presenters: Paul Dicken and Martin Kusch) |

Friday 1 June, 11am to 1pm, Timothy Williamson will join the group to answer questions about his book. He will also give a talk in the Department later the same day, 3pm to 4.30pm.

Latin Therapy

The Latin Therapy Group meets on Fridays at 4pm in the HPS Lodge to practise the art of translation, improve our Latin grammar, and determine who deserves more sympathy on account of the difficulty of their sources – all in a mutually supportive environment!

Each week we study a classical, medieval or early modern text related to the history of science, often selected by members of the group as part of their research. We warm up with a short introductory piece before moving onto the main text – aiming to produce a working translation each week. Latin texts are circulated in advance, and further support is provided by our language tutor, Debby Banham. All are welcome to attend.

This term a behind-the-scenes trip to the British Museum is planned, giving therapists the opportunity to select and examine favourite items from the collection, and to practise some on-site translation of inscriptions.

For more information, and to be added to the mailing list, please contact Jenny Rampling. Information is also available on the Latin Therapy website, www.hps.cam.ac.uk/latintherapy.

Greek Therapy

The Greek Therapy Group meets on Wednesdays at 5pm in the HPS Lodge. Laurence Totelin is our language tutor. All welcome; anybody with a smattering of Greek from school or college would be able to catch up very quickly. For more information contact Nick Tosh.

German Therapy

The German Therapy Group is meeting on Tuesdays from 11.30am to 1pm in Seminar Room 1. We'll be doing German grammar exercises and translation from German to English. Everyone welcome. Please e-mail the tutor, Angela Breitenbach, if you would like to be added to the mailing list.