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Cover photograph: inside the new Whipple Library building

The Department

Introduction

As we go to press it has been exactly one year since the sudden death of Peter Lipton and a time when we wondered if the Department would ever be the same again. What followed this tragic event was a most extraordinary year in which the Department has undergone some dramatic changes in personnel, in its facilities, and in the courses we offer.

We have to give special thanks to John Forrester, whose life changed overnight when he suddenly had to take over as Head of Department. With no handover period, he was up-to-speed remarkably quickly and has done a wonderful job leading the Department in difficult circumstances.

The most notable physical change has been the opening of our incredible new library, which happened in September 2008. This is something the Department had dreamed about for the past 20 years, and it is a fantastic new resource. We would like to take this opportunity to pay special thanks to the teams of planners, architects, surveyors and contractors who have been instrumental in making this dream come true.

Part of the space previously occupied by the old library is planned to be a new gallery for the museum, but we are still waiting to hear if we have been successful in applying for funding for the refurbishment of this and other museum accommodation. So watch this space literally to see how these plans progress.

During the year we put a lot of energy into planning, and getting permission for, a new Part III in HPS. We have finally been given formal approval, and our first intake of students will be in October 2009. The Department will be holding an open meeting in January 2009 to answer any questions from Directors of Studies about course content and progression requirements.

We wait with bated breath for the outcome of the 2008 RAE, to be announced at 5pm on 18 December 2008, which will affect our funding status. The Department has achieved a 5* ranking in the past two exercises, and although the way the marks will be given this time round makes a 5* ranking impossible, we are still keeping our fingers crossed for an equivalent and excellent result. Thanks again to everyone who contributed to the submission.

Once again this has been a year with lots of new projects and lots of new people and lots of people who had been around for ages. We would like to take this opportunity to give our very sincere thanks to everyone who has contributed to the Department over the past year, in particular those who picked up additional jobs as a result of the sudden reorganisation and those who struggled on with their work while they grieved – it's what makes this such a great Department.

TH, 25 November 2008

Staff and affiliates

Administrative Staff

Tomoko Harvey
Tamara Hug
Steve Kruse
David Thompson

Computing Staff

Mark Rogers

Cleaning Staff

Agnieszka Lanucha

Library Staff

Tim Eggington
Dawn Moutrey

Museum Staff

Elizabeth Hart
Ruth Horry
Joshua Nall

Teaching Officers

Kevin Brosnan
John Forrester
Vanessa Heggie
Nick Hopwood
Nick Jardine
Lauren Kassell
Martin Kusch
Tim Lewens
Eleanor Robson
Simon Schaffer
Jim Secord
Liba Taub

Affiliated Lecturers

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

Research Fellows

Alex Broadbent
Tatjana Buklijas
Philippe Clancier

Andrew Cunningham
Graham Cunningham
Andreas Mayer
Martin Peterson
Rob Ralley
Torben Rees
Frances Reynolds
Laurence Totelin

College Research Fellows

Adam Bostanci
Angela Breitenbach
Alix Cohen
Paul Dicken
Michael Edwards
Stephen John
Russell Re Manning
Christina McLeish
Ayesha Nathoo
Alisha Rankin
Mark Sprevak
Nick Tosh
Sophie Weeks

Affiliated Scholars

Jon Agar
Robert Anderson
Debby Banham
Emm Barnes
Andrew Barry
German Berrios
Sanjoy Bhattacharya
Peter Bowler
Robert Bud
Jeremy Butterfield
Cristina Chimisso
Harry Collins
John Cornwell
Christopher Cullen
Soraya de Chadarevian
Silvia De Renzi
Ipek Demir
David Dewhirst
Mary Dobson
Matthew Donald
Catherine Eagleton
Roger Gaskell
Axel Gelfert
Faye Getz

Jeremy Gray
Ole Grell
Mary Hesse
Annette Imhausen
Shelley Innes
Catherine Jami
Peter Jones
Harmke Kamminga
Gerald Kutcher
Emese Lafferton
David Leith
Geoffrey Lloyd
Helen Macdonald
Matteo Mameli
Scott Mandelbrote
Anita McConnell
Raymond Mercier
Simon Mitton
Jim Moore
Adam Mosley
Jaume Navarro
Richard Noakes
Onora O'Neill
Alison Pearn
Katy Price
Sadiah Qureshi
Jason Rampelt
Michael Redhead
Evelleen Richards
Ruth Richardson
Martin Rudwick
Colin Russell
Christine Salazar
Anne Secord
Richard Serjeantson
Richard Smith
Emma Spary
Jacqueline Stedall
Rebecca Stott
Kim Taylor
Karin Tybjerg
John van Wyhe
Andrew Wear
Paul White
Sarah Wilmot
Elie Zahar

Visitors and students

Visiting Scholars

Paolo Badalotti
Justin Cruickshank
Steffen Ducheyne
Sven Dupré
Valerie Harwood
Sonia Horn
Frans Lundgren
Juan Mayoral de Lucas
Patricia Osseweijer
Mohd Hazim Shah
Koen Vermeir

Visiting Students

Bruno Atalic
Lydia Barnett
Victor Gijbbers
Michael Lenko
Valentina Pugliano
Valentine Reynaud
Kelly Whitmer

PhD Students

Salim Al-Gailani
Katherine Angel
Caroline Baumann
Geoffrey Belknap
Mirjam Brusius
Joanna Burch Brown
Yoon Choi
David Clarke
Mike Collins
Robert Cord
Sophia Davis
Bonnie Evans
Tom Eyers
David Feller
Sacha Golob

Boris Jardine
Natalie Kaoukji
Melanie Keene
Jeremy Kessler
Elselijn Kingma
Sharon Ku
Wang-Yen Lee
Daniel Lim
Christina McLeish
Iris Montero-Sobrevilla

Sasha Mudd
Lisa Mullins
Sam Nicholson
Signe Nielsen
Margaret Olszewski
Arash Pessian
Jennifer Rampling
Nicky Reeves
Leon Rocha
Joab Rosenberg
Joe Sandham
Alireza Taheri
Adam Toon
Julie Walsh
Billy Wheeler
Nicholas Whitfield
Lydia Wilson
Alexander Wragge-Morley

MPhil Students

Andrew Aghapour
Patrick Avila
Daisy Barton
Cressida Gaukroger
Natasha Goldberg
Ruth Hibbert
Jiri Hudecek
Joanna Korman

Allison Ksiazkiewicz
Lee Macdonald
Don Pyper
Alix Rogers
Robin Scheffler
Kathryn Tabb
Katie Taylor
Ariane Tschumi
Natalie Vokes

Part II students

Philip Antrobus
Catriona Armstrong
Jonathan Birch
Samuel Borin
Rebecca Brown
Alice Clarke
Mary Cohen
Matthew Cottingham
Matthew Drage
Beatrice Heller
Paul Holmes
Aditaya Kumar
Ee Mae Lim
Mhairi Murdoch
Emma Perkins
Bartosz Podkowa
Chloe Purcell
John Reicher
Caoimhe Rice
Joshua Rubenstein
Julia Ruston
Alice Sharratt
Ben Weaver
Jack Young

Comings and goings

Sorin Bangu joins us in October 2008 as a Teaching Associate in philosophy of science.

Richard Barnett joined us in September 2008 as a Teaching Associate in history of modern medicine and science.

Elma Brenner joins us in October 2008. She has been awarded a Wellcome research fellowship to work on ‘Leprosy and society in Rouen, c.1100–1500’.

Alex Broadbent has been appointed to the post of Teaching Associate in philosophy and sociology of science and technology from October 2008.

Tatjana Buklijas moves to New Zealand in October 2008, but will continue a ‘virtual’ involvement in the Department’s From Generation to Reproduction project.

Ruth Horry left the Whipple Museum in August 2008 to become an MPhil student in the Department.

Martin Kusch starts a two-year major leave fellowship in October 2008.

Agnieszka Lanucha joined us as the Department’s cleaner in December 2007.

Josh Nall was appointed to a permanent post of Museum Assistant in August 2008.

Martin Peterson returned to Sweden in September 2008, but will be retaining a link with the Department through a visiting scholars’ programme that is currently being set up.

Hilary Powell joined us in July 2008. She has been awarded a Wellcome research fellowship to work on ‘The hagiography of healing: miracle narratives as discourses on disease and disability’.

Rob Ralley finished his Wellcome fellowship in August 2008 but will be returning in November to work on Lauren Kassell’s Casebooks pilot project.

Nicky Reeves has been appointed to the post of Teaching Associate in history of science, 1600–1850, from September 2008.

Sarah Robertson joined us in August 2008 as a Museum Assistant in the Whipple Museum.

Simon Schaffer starts a two-year major leave fellowship in October 2008.

Roles and responsibilities

Departmental positions

Head of Department: John Forrester

Chairman of the HPS Board: Martin Kusch

Secretary of the Board: Tamara Hug

Director of Graduate Studies: Nick Jardine

Secretary of the Degree Committee: Tamara Hug

MPhil Manager: Eleanor Robson

Part II Manager: Martin Kusch

Part IB Managers: Stephen John, Simon Schaffer

HPS Board and Degree Committee

Professors and Readers: John Forrester, Nick Jardine, Martin Kusch, 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: Malcolm Longair, Adam Tooze

Co-options: Kevin Brosnan, Vanessa Heggie, Lauren Kassell, Halvard Lillehammer, Eleanor Robson

Elected Senior Members: Alex Broadbent, Marina Frasca-Spada, Mark Sprevak, Laurence Totelin

Elected Junior Members: Jenny Rampling (Graduate); Alice Clarke, Alice Sharratt (Undergraduates)

Philosophy Faculty Board

HPS Representative: Kevin Brosnan

Examiners

NST Part IB History and Philosophy of Science

Senior Examiner: Eleanor Robson

External Examiner: Professor John Dupré (University of Exeter)

Examiners: Alex Broadbent, Paul Dicken, Stephen John, Sadiya Qureshi, Simon Schaffer

NST Part II History and Philosophy of Science

Senior Examiner: Marina Frasca-Spada

External Examiner: Professor John Christie (University of Leeds)

Examiners: Kevin Brosnan, John Forrester, Martin Kusch, Nick Jardine, Ayesha Nathoo, Rob Ralley

BBS Part II History, Ethics and Medicine

Senior Examiners: Vanessa Heggie, Stephen John

External Examiner: Dr Ulf Schmidt (University of Kent)

MPhil

Senior Examiner: John Forrester

External Examiner: Dr Greg Radick (University of Leeds)

Prizes, projects and honours

Student prizes

Katie Taylor was awarded the Eleventh Annual Jennifer Redhead Prize for the best performance in the essay component of the MPhil.

Jiri Hudecek and **Katie Taylor** were jointly awarded the Fifth Annual Rausing Prize for the best performance in the dissertation component of the MPhil.

Jonathan Birch, **Matthew Drage** and **Julia Ruston** were jointly awarded the 2008 Jacob Bronowski Prize for the best performance in the HPS Part II course.

Jonathan Birch was awarded the Second Annual Frances Willmoth Prize for the best performance in the dissertation component of the HPS Part II course.

Emma Perkins and **Katie Taylor** were jointly awarded the Tenth Annual Waterman Prize for the best work using the collection of the Whipple Museum.

Kathryn Tabb was the winner of the First Templeton Essay Prize, awarded by the Darwin Correspondence Project for the best essay about Darwin and religion.

New research projects

Arts and Humanities Research Council

‘Diagrams, Figures and the Transformation of Astronomy, 1450–1650’, Nick Jardine et al, October 2008 to September 2013, £491,008

Isaac Newton Trust

‘Science of Musical Sound’, Liba Taub, January 2008 to December 2010, £34,747

Leverhulme Trust

Major Research Leave Fellowship, Simon Schaffer, September 2008 to August 2010, £88,642

Museums, Libraries and Archives Council

‘Opening Up Collections’, Liba Taub, October 2008 to September 2009, £15,000

Royal Society

Science of Sound Exhibition, Liba Taub, November 2008 to October 2010, £2,500

Wellcome Trust

Casebooks Pilot, Lauren Kassell, November 2008 to June 2009, £29,906

Conference Grant (for M. Pelling), Lauren Kassell, May 2009, £3,010

Ischia Summer School, Nick Hopwood, April 2009 to September 2009, £15,280

History of Medicine Fellowship: 'Leprosy and Society in Rouen, c.1100–c.1500', Elma Brenner, October 2008 to September 2010, £104,895

History of Medicine Fellowship: 'The Hagiography of Healing: Miracle Narratives as Discourses on Disease and Disability', Hilary Powell, July 2008 to June 2010, £104,895

Prizes and honours

Tim Lewens was awarded a Pilkington Teaching Prize at a ceremony on 11 June 2008. Pilkington Prizes are awarded annually by the University to recognise outstanding contributions to the development of teaching.

Martin Rudwick was awarded the 2007 Sarton Medal of the History of Science Society and the Prix Eugène Wegmann of the Société Géologique de France. He was also elected a Fellow of the British Academy.

Seminars and special lectures

Rausing Lecture

Professor John Krige of the Georgia Institute of Technology gave the Thirteenth Annual Hans Rausing Lecture in the History of Technology and Industry on 22 May 2008. The title of the lecture was ‘Shaping postwar Europe: science, technology and American soft power’.

Wellcome Lecture

Dr Simon Szreter of St John’s College, Cambridge, gave the Third Cambridge Wellcome Lecture in the History of Medicine on 29 November 2007. The title of the lecture was ‘Proving a negative? How important was sexual abstinence during the fertility decline?’.

Seminars, reading groups and workshops

Departmental Seminar in History and Philosophy of Science organised by Lauren Kassell

Research Topics and Resources Seminars (first two weeks of Michaelmas Term) organised by Nick Jardine and Eleanor Robson

History of Medicine Seminars (Michaelmas and Lent Terms) organised by Vanessa Heggie, Lauren Kassell, Ayesha Nathoo, Rob Ralley and Laurence Totelin

From Generation to Reproduction (Michaelmas and Lent Terms) organised by Jim Secord

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

Cabinet of Natural History organised by Salim Al-Gailani

Epistemology Reading Group (Michaelmas Term) organised by Peter Lipton

History of Science Workshop (Lent and Easter Terms) organised by Iris Montero

Philosophy Workshop organised by Mark Sprevak

Relativism Group (Lent and Easter Terms) organised by Martin Kusch

Metaphysics of Science Reading Group (Lent and Easter Terms) organised by Alex Broadbent

Science and Literature Reading Group organised by Daniel Friesner and Melanie Keene

History and Theory Reading Group organised by Marina Frasca-Spada, Nick Jardine and Signe Nipper Nielsen

Scientific Images Discussion Group (Lent and Easter Terms) organised by Mirjam Brusius

Kant Reading Group organised by Angela Breitenbach

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

German Therapy Group (Lent and Easter Terms) organised by Mirjam Brusius

Students

Student statistics

Student numbers

Undergraduates	Part II.....	24
	Part II BBS: History and Ethics of Medicine	37
	Part IB.....	59
Graduates	MPhil.....	17
	PhD	43

Examination results

Part II	1.....	8	(33%)
	2i	15	(63%)
	2ii	1	(4%)
	3.....	0	
	Fail	0	
Part II BBS: History and Ethics of Medicine	1.....	0	
	2i	26	(70%)
	2ii	10	(27%)
	3.....	1	(3%)
	Fail	0	
Part IB	1.....	7	(12%)
	2i	27	(46%)
	2ii	25	(42%)
	3.....	0	
	Fail	0	

Graduate degrees awarded

MPhil degrees awarded.....	17
PhD degrees awarded.....	3

Part II essay and dissertation titles

Primary source essays

Paper 1: Letters, Queries and Reports from Assyrian Scholars

Adapa and the fish-men sages

Asipu: sorcerer, physician, holy cleanser

Divination in military decision making in relation to conflicts with Mannea

Extispicy and its practitioners in neo-Assyrian society

Human and divine in medical diagnosis and prognosis

Petitionary rhetoric: a comparison of two scholars' styles

Status, nationality and conventionality: the authors of astrological reports

The role of royal women in the correspondence of Assyrian scholars

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

A Discovery of New Worlds: an investigation of peoples and their cultures

Fontenelle's *A Discovery of New Worlds* and France under Louis XIV

Fontenelle's use of analogy and other devices

Many faces: the moon and plurality

The place of Fontenelle's *Entretiens* in the history of the plurality of worlds debate before 1700

Paper 3: Charles Darwin's Letters: A Selection

An exchange between a naturalist and a Rajah: Darwin's queries on the Dyaks of Sarawak

How did Charles Darwin moderate the religious interpretations of *Origin of Species* by correspondence?

How did Darwin cope with the theological dispute over his work?

Lyell and Darwin's immediate exchanges over the *Origin of Species*

Was Darwin 'muddled' about Design?

Paper 4: Gould and Lewontin, *The Spandrels of San Marco and the Panglossian Paradigm*

Epistemological and metaphysical objections to natural selection

Evolutionary phenomena are better explained with reference to constraints than solely through the analysis of adaptive processes

Paper 5: Boghossian, *Fear of Knowledge: Against Relativism and Constructivism*

Boghossian and the Azande

Boghossian vs. Kalderon: who's afraid of the big bad fact?

Does 'blind entitlement' lead to epistemic absolutism?

Does 'blind entitlement' work as an argument against epistemic relativism?

Epistemic relativism, Kuhn and radical scepticism

Fear of truth: against mythology and absolutism

Oracles and the Azande: relativistic challenges in chapters 5-7 of Paul Boghossian's *Fear of Knowledge*

Paper 6: Freud, *Notes Upon a Case of Obsessional Neurosis*

Irrationality and the Rat Man

Lacking 'the serious stamp of science'? The Ratman and scientific investigation

Obsessional acts, religious practices and the Rat Man case history

The problems of resistance and free choice in the case of the Rat Man

The relationship between neurosis and religion in the context of Sigmund Freud's analysis of the Rat-man

What is the role of the Rat Man case history in the overall development of Freud's ideas of obsessional neurosis?

What prior experiences lead the Rat Man to the symptoms of his obsessional neurosis?

Paper 7: Hippocrates, *On Regimen*

A discussion of the representation of the soul in Hippocrates, *On Regimen*

Is the Hippocratic treatise *Regimen* influenced by the philosophy of Heraclitus?

Paper 8: Report of the Inter-Departmental Committee on Physical Deterioration

Concepts of heredity in the 1904 Report of the Inter-Departmental Committee on Physical Deterioration

Control and causes of alcoholism in the 1904 report on physical deterioration

Military concerns in the Report

'The Irish problem': a discussion of attitudes towards the Irish in the 1904 Report of the Inter-Departmental Committee on Physical Deterioration

Were the Jews considered degenerate in the 1904 Report of the Interdepartmental Committee on Physical Deterioration?

What were the measures suggested by the Committee for cookery lessons and why might they have been chosen?

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

Industrialisation, alienation and the scientific revolution: making sense of Snow's *Two Cultures*

Science and the Third World: perspectives of Snow and Leavis in the 'Two Cultures' debate

The careerism of C.P. Snow

The role of 'understanding' in the Two Cultures controversy

The Two Cultures debate as a clash of worldviews

Dissertations

A Marxist analysis of the sociology of Linux

An exploration of a 17th-century terrestrial globe held in the Whipple Collection

'Because' without 'cause': the uses and limits of non-causal explanation

Biography of the theremin

Communicating scientific novelty in the fiction of Sir Arthur Conan Doyle

Damaris Masham and her philosophical relationships, c.1680-1708

Doctor-patient relationships and paternalism in the Royal College of General Practitioners, 1950s-1970s

Following Betty: an attempt to understand the success of a scientific paper

Generation, power and the devil: women in early modern England

History of schizophrenia

Medical justifications for physical education in working class schools between 1870 and 1914

Methodology in Ibn al-Haytham's *Optics*: on mathematical and physical principles, ocular anatomy and experimentation

Models of the human eye

Philosophy versus backgammon: should we shift between types of thinking?

Reactions to the atomic bomb

Saul Kripke's problem of other minds

Science, religion and evolution in the Victorian popular press

The causal exclusion argument

The control of female fertility in classical Greece: theories and practicalities

The effect of ideologies on beliefs about units of selection in evolutionary biology

The knowledge argument for dualism

The social dynamics of research and development policies: a special case study on Malaysia and Singapore

The Vegetarian Society and the diet of the working poor at the end of the 19th century

Was Thomas Gemnus' *Compendiosa totius anatomiae delueatie aere exarata* a plagiarism?

MPhil essay and dissertation titles

Andrew Aghapour

Essays

Lewes, Comte and phrenology (supervised by Jim Secord)

Evaluating psychology and religious cognition: the relationship between Bayer's account and memetic theory (supervised by Matteo Mameli)

Foucault's genealogy of the soul (supervised by John Forrester)

Dissertation

Darwinizing religion? (supervised by Matteo Mameli)

Patrick Avila

Essays

Can the capabilities approach capture the moral difference between the use of pre-implantation genetic diagnosis for sex selection and deaf selection? (supervised by Martin Peterson)

What it means to wear a face: facial allograft transplantation and identity (supervised by Stephen John)

'Apples and oranges' revisited: genetic causation and the concept of genetic disease (supervised by Kevin Brosnan)

Dissertation

Relational conceptions of justice and capabilities: when health inequalities matter (supervised by Stephen John)

Daisy Barton

Essays

The conjunction objection to constructive empiricism (supervised by Peter Lipton)

Education and *The Two Cultures* (supervised by Helen Macdonald)

The ability hypothesis: a critical assessment (supervised by Mark Sprevak)

Dissertation

Explanation and model organisms (supervised by Kevin Brosnan)

Cressida Gaukroger

Essays

Is causation like colour? (supervised by Peter Lipton)

Joseph Cornell and the 17th-century collector (supervised by Patricia Fara)

Responses to Kripke on other minds (supervised by Martin Kusch)

Dissertation

Responses to Molyneux's problem (supervised by Marina Frasca-Spada)

Natasha Goldberg

Essays

What makes an improbable event surprising? (supervised by Peter Lipton)

One or two? Conjoined twins and the concept of the person (supervised by Martin Kusch)

Longing for Eden: the myth of nature as idyll in contemporary popular and academic discourse (supervised by Angela Breitenbach)

Dissertation

A critique of the theory of conceptual metaphor proposed by George Lakoff and colleagues (supervised by Eleanor Robson)

Ruth Hibbert

Essays

Mental states as non-causal explanations of behaviour (supervised by Peter Lipton)

'Interactional expertise' and 'trading zones': a critical assessment (supervised by Martin Kusch)

A problem for evolutionary ethics (supervised by Kevin Brosnan)

Dissertation

Is the self a centre of narrative gravity? (supervised by Matteo Mameli)

Jiri Hudecek

Essays

Practical mathematics in one foot: the story of the first patented slide rule design (supervised by Eleanor Robson)

Sixteenth-century Chinese mathematical practice in the compilation *Suanfa Tongzong* (supervised by Catherine Jami)

Axioms and algorithms: evolution and later use of a theorem in David Hilbert's *Foundations of Geometry*
(supervised by Jeremy Gray)

Dissertation

Historiography in the practice of mathematics: claims about Wu Wenjun's method (supervised by Christopher Cullen)

Joanna Korman

Essays

A critique of Stephen Turner's *The Social Theory of Practices* (supervised by Martin Kusch)

A critique of Judith Rich Harris's *No Two Alike* (supervised by Kevin Brosnan)

Intentionality and self-harm (supervised by John Forrester)

Dissertation

Folk psychology and psychiatric explanation (supervised by Martin Kusch)

Allison Ksiazkiewicz

Essays

'Saved by servitude': displays of the horse at the Natural History Museum in London (supervised by Jim Secord)

Optics and the persistence of vision (supervised by John Forrester)

Bergson and animal consciousness in *Creative Evolution* (supervised by Nader El-Bizri)

Dissertation

Antediluvian lizards and George Fleming Richardson's *Geology for Beginners* (supervised by Paul White)

Lee Macdonald

Essays

A comparison of the administrative and organisational developments of the Royal Observatory, Greenwich and the United States Naval Observatory in the period 1881-1910 (supervised by Simon Schaffer)

Why, and to what extent, did the reflector fail to displace the refractor as the astronomical telescope of choice between 1856 and 1914? (supervised by Simon Mitton)

C.P. Snow, Fred Hoyle and *The Black Cloud*: the Two Cultures in 1950s science fiction
(supervised by Helen Macdonald)

Dissertation

The origins and construction of the Isaac Newton Telescope, Herstmonceux: 1942-1967 (supervised by Simon Schaffer)

Don Pyper

Essays

Pastoral power (supervised by Simon Schaffer)

Anaesthetic angst: the politics of painless parturition in mid-Victorian Britain (supervised by Vanessa Heggie)

Maudsley's mutable minds (supervised by John Forrester)

Dissertation

Prescriptive power: electricity, English identity and social reform in Britain, 1890-1900 (supervised by Simon Schaffer)

Alix Rogers

Essays

The role of public participation in bioethics public policy: the case of the HFEA and cytoplasmic human-animal hybrids
(supervised by Stephen John)

IVF pre-embryos in the law: a comparison of UK and US approaches (supervised by John Forrester)

Art, display of the human body, and public decency: the case of the human foetus earrings
(supervised by Ayesha Nathoo)

Dissertation

Transformation of human biological materials into property under the Human Tissue Act (2004): what can we learn from artistic and educational exhibitions of biological materials? (supervised by Stephen John)

Robin Scheffler

Essays

F.C. Bartlett, social constructivism and crises in post-WWI Great Britain (supervised by Simon Schaffer)

Supervenience and reduction in fitness (supervised by Kevin Brosnan)

Finding out about an x-ray powder diffraction camera (supervised by Liba Taub)

Dissertation

Humour in the Sir William Dunn Institute of Biochemistry: reading *Brighter Biochemistry*, 1923-1931
(supervised by Vanessa Heggie)

Kathryn Tabb

Essays

Crafting commitment: the institutionalisation of mental illness in the United States (supervised by John Forrester)

Why *Orchids*? Darwin's analysis of the selection processes acting upon pollenizers (supervised by Jim Secord)

Authority, authenticity and authorship in the 21st-century encyclopaedia (supervised by Eleanor Robson)

Dissertation

Reasoning with madmen: elements of Darwin's theory of mental psychology (supervised by John Forrester)

Katie Taylor

Essays

Mogg's celestial sphere (1813): a catalogue of conversation (supervised by Liba Taub)

F.R. Parrington and the career of palaeontology at the Cambridge University Museum of Zoology
(supervised by Jim Secord)

Names and things (supervised by Sachiko Kusukawa)

Dissertation

Mathematics, cosmology and an instrument in Thomas Digges' *Alae seu scalae mathematicae* (1573)
(supervised by Nick Jardine)

Ariane Tschumi

Essays

Constructing cultural authority: J.D. Hooker, the X and the Athenaeum ballot, 1856-1877 (supervised by Jim Secord)

Selling malaria: rhetoric and the Global Malaria Eradication Programme, 1955-1968 (supervised by Ayesha Nathoo)

P.M.S. Blackett and the development of the Ministry of Technology (supervised by John Forrester)

Dissertation

P.M.S. Blackett: advocate for international development (supervised by Ayesha Nathoo)

Natalie Vokes

Essays

Biological information in systems biology (supervised by Kevin Brosnan)

Ceteris Paribus laws and the process of experimentation (supervised by Martin Kusch)

Remodelling the electrocardiograph at the Cambridge Scientific Instrument Company in the early 20th century
(supervised by Jim Secord)

Dissertation

Reductionism in biology (supervised by Kevin Brosnan)

PhD theses

Awarded

Ben Irvine

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

Wang-Yen Lee

‘Simplicity and adductive arguments for scientific realism’ (supervised by Peter Lipton)

Christina McLeish

‘Empty threats: reference failure and scientific realism’ (supervised by Peter Lipton)

Nick Tosh

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

Submitted

Katherine Angel

‘Psychosomatic histories and the causes of contemporary biomedicine’
(supervised by John Forrester)

Natalie Kaoukji

‘Flying to nowhere: mathematical magic and the machine in the library’
(supervised by Simon Schaffer)

Melanie Keene

‘Object lessons: sensory science education, 1830-1870’ (supervised by Jim Secord)

Elselijn Kingma

‘Health and disease: defining our concepts’ (supervised by Tim Lewens)

Nicky Reeves

‘Constructing an instrument: Nevil Maskelyne and the zenith sector, 1760-1774’
(supervised by Simon Schaffer)

Adam Toon

‘Models as make-believe’ (supervised by Martin Kusch)

The Library

Annual report of the Whipple Library

Introduction

Summer 2008 finally saw completion of the Department's new Library. Apart from the day-to-day running of the Library, realisation of this project provided the principal focus for Library staff activity this year. To assist with the extra work required for planning, preparations and the move itself, the Library was fortunate in having further staff. In addition to its permanent staff, Tim Eggington (Librarian), Dawn Moutrey (Library Assistant) and Steve Kruse, the Library was grateful for the services of Jenny Downes, and over the summer Katie Tabb and Agnieszka Lanucha.

Electronic developments

During the course of the year further Whipple journal subscriptions became available online whilst some significant enhancements were made to the provision of electronic resources by the UL. Particularly important amongst these were the following (links to which can be found on the Whipple Library web page):

- Dictionary of Medical Biography
- Cambridge Histories Online
- UK 19th Century Periodicals
- Iter bibliography
- Iter italicum

In addition, subscriptions were made to full runs of Cambridge University Press and Springer Journals. These most welcome developments were made possible by the existence of the new university-wide Journals Coordination Scheme.

Journals

The Librarian continued to take part in meetings with other SHSS librarians to prepare for the School's admission to the University's Journals Coordination Scheme, which is now scheduled to take place at the beginning of the new academic year, 2008-9. Each departmental or faculty library in the School will transfer money it now spends on journals into a fund from which journals will be acquired centrally. It is hoped that this will maximise the University's buying potential, and facilitate the acquisition of journal bundles.

The Whipple Library will continue to subscribe to some of its journals independently. The following new Whipple subscription was taken out this year:

- The Bulletin of the Scientific Instrument Society

Transfers, gifts and accessions

The Department continued to fulfil its official role in advising science departments in their disposal of books. Following from this the Department received a significant number of transfers from the Medical Library (200 books) and the Department of Physiology Library (45 books).

During the course of the year the Library received a number of donations for which it is extremely grateful. Two of these are of particular significance, both in terms of size and content. The first was a consignment of 306 books relating to the history of science from the collection of the late Professor Stephen Mason, the author of *History of the Sciences*. The second was a collection of 550 philosophy books from the library of the late Professor Peter Lipton. The Whipple is especially thankful to Diana Lipton for this donation. Taken together these gifts constitute a considerable addition to the Whipple Library.

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

The Whipple made the following rare book acquisitions this year:

Schott, Gaspar. *Mechanica hydraulico-pneumatica* (Wurzburg, 1657)

Deleuze, J.P.F. *Histoire et description du Muséum Royal d'Histoire Naturelle* (Paris, 1823)

New Whipple Library

Following some years of planning, we now have a new Library. This has been made possible by the Department's 2006 strategic research infrastructure bid for £1.7 million and by the permission given by the University for us to utilise the old Heycock Theatre for this purpose.

The aim of this project has been to create a library responsive to changing user needs and able to accommodate space requirements for the next 20 years. In the new scheme, the Heycock Theatre has been refurbished to form the main Whipple Library reading room. The collections and reading areas are arranged over four mezzanine levels, utilising the entire height of the old lecture theatre, which in its refurbished state constitutes a very attractive space. Three quarters of the collection and half the reader spaces are now located in here along with the library offices and reception area. The refurbished Heycock is linked (via a bridge) to the old library space, which has been reorganised. Half of the old library remains as a further library reading room (holding the remainder of the open-shelf collection and reader spaces), with the rest forming a new gallery for the Whipple Museum. In the new library spaces we are able to shelve nearly all our books on open access (excepting rare books) and allow the collection to grow. Most importantly, readers have a greatly improved environment in which to work.

The Museum

Annual report of the Whipple Museum of the History of Science

News

Reserve Gallery reopens

Following two years of building work to improve accessibility to the museum, the Reserve Gallery was re-opened to the public in October 2007. The reconditioned gallery now boasts a new display on the famous precision instrument firm E.R. Watts and Son. Thanks to the generous support of Bill Mellor, the Whipple has been able to create a special display for an object on loan from the Science Museum: the 1905 Master Test Circle, cut on the No.1 Dividing Engine of E.R. Watts and Son. (See 'Loans' section for more information.)

Launch of two new projects

In December 2007 the Whipple launched a new project, 'The Science of Musical Sound', made possible by a grant from the Newton Trust (see 'Grants' section for more information). The Science of Musical Sound project aims to increase research in, and public understanding of, the history of interaction between music and science. Dr Torben Rees has joined the Museum as a Research Fellow dedicated to the project, and has already helped organise and run a number of events, including concerts and lectures.

Thanks to the generous support of Dr Anita McConnell and the Ann D Foundation, the Whipple was able to launch a second special project in the summer of 2008. Aimed at increasing public access to the Whipple's diverse and impressive collection of globes, the project began with the hiring of Katie Taylor as a summer intern. Katie has been working on producing short articles on a variety of globes in the Museum's collection, which will be published in the *Explore* section of the Whipple's website. As part of the project, the Whipple has begun to conserve globes held in the collection, and has engaged a specialist conservator, Sylvia Sumira, with support from the PRISM Fund (for Preservation and Restoration of Industrial and Scientific Material).

We are particularly pleased to note that we have now received notification of additional support for these two projects for the coming year from the Museums, Libraries and Archives Council (MLA).

New staff team

The academic year 2007/08 saw considerable change to the Whipple's team of staff. In October 2007 the Museum bid farewell to its Collections Manager, Lisa Newble, who has joined Stanford University's Archaeology Centre as Curator of Collections. Ruth Horry, Museum Assistant, departed too at the end of August 2008 in order to begin study for the MPhil in History and Philosophy of Science. Sarah Robertson and Josh Nall took up their posts as Museum Assistants in August 2008. Josh had been working on a temporary contract in the Museum since June 2007, and now joins as a permanent member of staff. Sarah has arrived from St Andrews, where she managed a local history collection after studying for the Master's degree in Museum Studies.

These new permanent members were augmented over the summer with the arrival of the summer interns, Katie Taylor and Emma Perkins. The Museum also employed its first ever official 'Graduate Trainee', Jenny Downes, who joined the Museum in February 2008 following the successful completion of her PhD, leaving in April to take up a curatorial position at the University of Aberdeen.

Throughout the year the museum has also received invaluable assistance, on a variety of projects, from its volunteers: Sophia Davis, Margaret Olszewski and Boris Jardine, doctoral students in the Department; Jonah Lipton, undergraduate at Oxford University; Dr Catherine (Katie) Eagleton, of the British Museum; Dr Anita McConnell, retired Curator at the Science Museum; and Don Unwin, formerly of the Cambridge Scientific Instrument Co. We are very grateful to all of our volunteers.

Visit of the Mayor

The Mayor of Cambridge, Jenny Bailey, paid a visit to the Whipple on 17 April 2008 as part of her campaign to support all of the city's museums. Of particular interest to the Mayor was the Museum's newly acquired meteorological monitoring station (HC87), transferred to the Whipple by Cambridgeshire County Council from the churchyard of Great St Mary's, where it had stood since 1908. The station now stands in the courtyard of the History and Philosophy of Science Department.

Update on our plans for the future

The New Gallery

Now that the Whipple Library has taken over its new space in the former Heycock Lecture Theatre, the Museum has gained a new space (one half of the old library). This space will soon be transformed into The New Gallery. We hope that The New Gallery will be open to visitors in the spring of 2009.

Main Gallery refurbishment

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, developed with Designation Challenge Fund (DCF) support; the Main 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.

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 regarding our success in obtaining a CIF 4 grant to enable us to enhance our research facilities.

Proposal for the Gallery of the History of Cambridge Science

At the meeting of the HPS Board on 3 March 2008, a proposal to establish a Gallery of the History of Cambridge Science was considered and welcomed. This proposal envisages taking advantage of the discussion of strategic planning for the long-term future of the New Museums Site to propose a major extension of the Whipple Museum, to be located in buildings adjacent to the Museum and Department, which would be linked to an established protocol for the preservation of the scientific heritage of the University and would allow the preservation and display of material artefacts associated with the history of Cambridge science, both for teaching and research purposes and as a major new gallery open to the public.

The Board approved the following proposals as set out in the Memorandum's conclusion:

1. The selection of material artefacts from the University's scientific departments for preservation in collaboration with those departments and others, in accordance with a permanent University protocol and policy to be drawn up following research and consultation;
2. To provide a centralised home for these artefacts, which will allow conservation and exhibition, teaching and research, and preservation of this heritage under optimum conditions (including adequate storage facilities);
3. To open a new Gallery, adjacent to the present Whipple Museum, devoted to the exhibiting and conserving of material artefacts associated with the history of Cambridge science; the Gallery will provide public access, including outreach to the Cambridge area, with ample space for permanent and temporary exhibitions and for storage; staffing dedicated to curatorial, research and outreach functions will be an essential requirement.

We look forward to being able to act on these very welcome proposals.

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 undergraduate and postgraduate theses have been undertaken on objects in the collection.

Student and staff research

Undergraduate dissertations

- | | |
|---------------|---|
| Emma Perkins | <i>An Exploration of a 17th-Century Terrestrial Globe Held in the Whipple Collection</i> (Wh. 2691) |
| Chloe Purcell | <i>Models of the Eye in the Whipple Museum</i> (Wh. 6068; 6194; 5825; 2037; 6202) |

MPhil essays

- | | |
|--------------|--|
| Katie Taylor | <i>Mogg's Celestial Sphere (1813): A Catalogue of Conversation</i> (Wh.5620) |
|--------------|--|

Jiri Hudecek	<i>Practical Mathematics in One Foot: The Story of a Slide Rule from the 18th Century</i> (Wh.1451)
Natalie Vokes	<i>Remodelling the Electrocardiograph at the Cambridge Scientific Instrument Company</i> (Wh.2250; 2284; 4067; 4094; 4112; 4113; 4127)
Robin Scheffler	<i>Finding Out About an X-ray Crystallography Camera</i> (Wh.3469)

Prizes

The Waterman Prize is awarded to the student who makes outstanding use of the Whipple collection. For the academic year 2007-08, Katie Taylor and Emma Perkins were the joint recipients of the 10th Waterman Prize, for their work mentioned above. In addition, Katie Taylor received the 11th Annual Jennifer Redhead Prize, for the highest mark on the essay component of the MPhil.

Publications

Tony Freeth	<i>The Antikythera Mechanism: Decoding an Ancient Greek Mystery</i> (2008) (to coincide with the special exhibition described below)
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Papers given at conferences

Josh Nall	<i>Mars Globes and the Canal Controversy</i> , Scientific Instrument Congress 2008, The Museum of Science, University of Lisbon, September 2008
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Case Studies III from the Whipple Museum of the History of Science

On 12 June 2008 the Whipple Museum hosted its third one-day conference dedicated to research conducted on objects from the Whipple's collection. Katie Taylor, Jiri Hudecek, Emma Perkins and Robin Scheffler all presented papers based on their research conducted as part of their studies in the Department (see above). They were joined by current PhD student Boris Jardine, who presented a paper on Wh.1709 entitled 'Time or travel? A faulty Elizabethan sundial in the Whipple Museum'.

Special exhibitions

On 31 July 2008 the Whipple Museum opened an exhibition on the Antikythera Mechanism – an ancient Greek astronomical calculating machine – produced to coincide with the latest publication in *Nature* (454: 614-617) by the Antikythera Mechanism Research Project (AMRP). The exhibition looks at past and present research into the Mechanism through a poster display, alongside a case of Whipple objects that contextualises its place in history. Visitors can also watch a documentary film on the AMRP's latest research, which has been produced by *Nature*. The exhibition is scheduled to run until the end of the year. The Whipple is particularly grateful to the sponsors of this special exhibition: Volume Graphics GmbH and X-Tek Systems.

Outreach and events

Hub outreach funding

During 2007–08 the Whipple Museum was pleased by continuing support for outreach initiatives from the local hub of the Renaissance Community Learning and Outreach Fund (administered by the Museums, Libraries and Archives Council – MLA). A grant running from April 2007 until March 2008 was used to support two events that formed part of the Museum's 'Science of Musical

Sound' project, and in April 2008 the Whipple was successful in securing a further £2,036 to support another year of events.

On 5 March between 5.30pm and 7pm the Whipple ran a special public event in the Main Gallery. Professor Jim Woodhouse of the Department of Engineering gave a talk entitled 'Why is the violin so hard to play?' to a full house of 78 visitors, discussing some of the science behind the art of violin playing. The lecture was preceded by a performance of a string quartet composed of current Cambridge University students. Some members of the audience had their own instruments in tow.

On 2 April the Whipple again used the Main Gallery to host a public event. Rather than having a seated concert, the Whipple's own Dr Torben Rees gave a performance of jazz accompanied by the Andrew Bowie Quartet, with the public invited to drop in and listen to the music whilst walking around and exploring the collections. The aim of the evening was to build new audiences, and 78% of those who attended were new visitors.

On 16 July the Whipple held another highly successful drop-in evening concert, this time hosting a performance of Gypsy jazz by the Hot Club of Cambridge.

Over January and February 2008, four University of Cambridge museums collaborated thanks to Hub funding, working in partnership with Centre 33 to provide artist-led workshops for a group of young carers aged 8-12. Ruth Horry led the Whipple's involvement, running a workshop making sundials, taking inspiration from the Whipple's collection.

Other events and outreach

Six University museums and collections extended their opening hours into the early evening on 13 February, turning down their lights to provide an unusual and exciting experience for visitors. This was the second successful 'Twilight at the Museum' event, with the Whipple's outer space themed trail proving a fantastic hit. Once again, the Whipple was the darkest museum!

On 15 March the Museum held its annual Saturday opening as part of the Cambridge Science Festival. It proved to be the Museum's busiest day of the year, seeing 440 visitors – including 181 children – pass through the door. Yet again, this event would not have been possible without the generous help of the Museum's student volunteers, drawn from the HPS Department.

Another event in the Whipple's ongoing 'Science of Musical Sound' project took place on 1 May. Andrew Barker, Professor of Classics at the University of Birmingham, spoke in the Department about some of his recent research into ancient Greek experiments into acoustics.

On 13 June the Whipple took part in the 'Conversazione', the annual public exhibition by the Cambridge Natural History Society. Held in the University Zoology Department, the Whipple took along examples from its collection of zoological teaching diagrams, to display alongside information about the Museum's diverse natural history collection.

Starting in July, the Museum once again took part in the joint University museums' summer trail. 'Museum Point to Point' was based on a horsy theme, and coordinated by the Museums Development officer, Dr Liz Hide, as a way of encouraging new visitors to the University museums.

Grants

AHRC

Following our application for the second round of Arts and Humanities Research Council Core Funding, the Whipple was awarded £30,236 for this academic year. This funding is paid to the University of Cambridge on behalf of the Whipple; £1,100 comes to the Whipple directly and is earmarked for publicity and marketing, based on the recommendations of the referees.

Newton Trust

In December 2007, the Newton Trust awarded £34,747 over three years towards equipment and the salary of Dr Torben Rees to work as a (part-time) Research Fellow in the Whipple Museum, under the direction of Dr Liba Taub, on a project entitled 'The Science of Musical Sound'. Dr Rees is researching the rich history of interaction between music and science and is working to enhance the Museum's collections and displays in this field. Dr Rees has also organised various musical events in the Museum as well as instigating an ongoing programme of lecture-concerts.

DCF Audience Development

In August 2008 the Whipple Museum was awarded a grant of £15,000 as part of the 2008–09 'Audience development funding for non-hub museums with Designated collections' funding stream. This funding has been granted to support two key projects currently being undertaken by the Museum, focusing on (1) 'The Science of Musical Sound' and (2) further engagement with our globe collection, particularly through our website. The money will pay for two interns to work over the summer of 2009 helping to develop the 'globes' section of our website, as well as pay for material to help develop and deliver audience activities relating to Science of Musical Sound.

PRISM

The Whipple received two PRISM (Preservation and Restoration of Industrial and Scientific Material) awards during 2007–08: a grant of £4,750 towards the purchase of a 1913 globe of the Planet Mars by Ingeborg Brun, and a grant of £4,640 towards the conservation of eight globes in the Whipple Collection.

Donations

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

The Ann D Foundation has once again given a generous gift to the Museum, to be used at the Museum's discretion. As in the past, we are intending the Foundation's gift to help fund student work in the Whipple. A past donation from the Foundation enabled Emma Perkins to be employed behind-the-scenes in the Museum during summer 2008; Emma worked primarily in the reserve stores, updating the inventory of the collection.

Dr Anita McConnell, an Affiliated Scholar in the Department, has made a further donation to the Whipple, this time to fund a summer post for a student to work on our 'globalisation' project, creating a new section of the *Explore* website, devoted to globes in our collection. This donation enabled Katie Taylor to work on the project during the summer of 2008.

As in previous years, the Whipple is very grateful to Trevor Philip & Sons for continuing to support the annual award of the Waterman Prize, given in recognition of the best student work produced on holdings in the collection each year.

Loans

Loans out

It was another busy year of loan requests for the Museum, further 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 of Earth Sciences, Cambridge

Woodward's Study: September 2002 – August 2008

Wh.0035 Set of drawing instruments, Dutch, c. 1700

Wh.0875 Compound microscope, tripod type, c. 1690

International loan: Max Planck Institute for the History of Science, Berlin, Germany

Objects in Transition: August 2007 – September 2007

Wh.1581 Three wooden geological models by Thomas Sopwith, 1841

Wh.6117 Safety goggles owned by the geologist Brian Harland, c.1980

Bowes Museum, Barnard Castle

Emile Gallé and the Origins of Art Nouveau: September 2007 – February 2008

Wh.5765 Botanical teaching model, *Morus nigra*, L. (mulberry), possibly by Auzoux, 19th century

International loan: Palais des Beaux Artes, Brussels

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

October 2007 – February 2008

Wh.0328 Portuguese mariner's compass by Jose da Costa Miranda, 1711

Kettle's Yard Art Gallery, Cambridge

Beyond Measure: Conversations Across Art and Science: April 2008 – June 2008

Wh.3759 Boxed set of geometric solids, German, 19th century

Wh.5358 Three Arabic manuscript pages (.3/.4/.11) with astronomical illuminations, 19th century copies of 18th century images

Loans in

With the generous support of Bill Mellor, the Whipple was also able to facilitate the arrival of an object on loan from the Science Museum. In December 2007 the Museum took delivery of the 1905 Master Test Circle cut on the No.1 Dividing Engine of E.R. Watts and Son, which is now on loan to us for an initial period of five years. The Circle is on display in the Reserve Gallery, alongside a variety of instruments made in the metrology lab of E.R. Watts and Son.

Mr and Mrs Theo Cutting have very kindly made a loan to the Museum of Basil Brown, *Astronomical Atlases, Maps & Charts: an Historical & General Guide* (London: Search Publishing Company, 1932). This volume is now in the Whipple Library, and may be consulted by readers by application to the Library staff.

Staff training

On 22 January 2008 Ruth Horry and Josh Nall attended a one-day training course on Integrated Pest Management in Museums, at the National Racehorse Museum, Newmarket. The course was run as a collaborative project between Suffolk and Cambridgeshire County Council Museums Development Officers.

New acquisitions

- 6147 Hamann Manus R, mechanical calculator, 1953 (c)
- 6148 Facit CA1-13 desk-top electromechanical calculator, 1957 (c)
- 6149 Mechanical calculator by London Computator Corporation Ltd, 1940 (c)
- 6150 Surface thermocouple pyrometer by Cambridge Instrument Co. mid 20th century
- 6151 'Lunatellus', a geared planetary model, by John Davis, circa 1869; with J. Davis, *Elements of Astronomy* [1869]
- 6152 Students A.C. Bridge Network, by H. Tinsley & Co. Ltd., mid 20th century
- 6153 Security cradles and cases for HP pocket electronic calculators, early to mid 1970s
- 6154 2 slide rules by Pickett & Eckel, 1959 (c)
- 6155 Exactus stylus mechanical adding machine, 1950s/60s
- 6156 Curta Type 1 mechanical calculator, 1969 (c)
- 6157 Cartographic fire screens, French, 1775 (c)
- 6158 Box of printed cards of Beazely's curve tables, 1878
- 6159 Framed painting of 'The Astronomy Lecture', French, mid 19th century
- 6160 Walker's geological balance, in wooden box.
- 6161 Hewlett Packard 41C, electronic pocket calculator, 1979 (c)
- 6162 Casio fx-995, electronic pocket calculator, early 1980s
- 6163 Texas Instruments TI-5020, electronic pocket calculator, 1983 (c)
- 6164 Auzoux anatomical model of the human ear, 1895
- 6165 Auzoux model of silk worm (*Bombyx sericaria*), in box, early 20th century
- 6166 Soroban, 20th C
- 6167 Simmons shielded hot-wire anemometer, by H. Tinsley & Co. Ltd., mid 20th century
- 6168 Ferranti clip-on ammeter, mid twentieth century
- 6169 Easy slide Bristow coil (medical shocking coil) by Stanley Cox, early to mid 20th century
- 6170 Lineman's testing set, early to mid 20th century, unknown maker
- 6171 Decibel meter, by The General Electric Company (G.E.C.)
- 6172 3 boxes of assorted material (slides, notebooks, letters, photographs, models) belonging to the biochemist, chemical pathologist & blood specialist Herman Lehmann
- 6173 Four stamps issued in 1989 to commemorate the 150th anniversary of the Royal Microscopical Society, on 1st day cover, issued by Cambridge Instruments
- 6174 Kata thermometer by Casella, mid to late twentieth century
- 6175 Zinc Oxide tape and acid bottle used by Brian Harland for numbering samples
- 6176 Pocket stereoscope (a.k.a. stereoscopic viewer) used by Brian Harland
- 6177 Large pocket chisel used by Brian Harland
- 6178 Zoological wall chart depicting the life history of ankylostoma
- 6179 Zoological wall chart depicting the anatomy of the female and male rhabditis
- 6180 Zoological wall chart depicting carnivora teeth.
- 6181 Zoological wall chart depicting the anodon (multiple diagrams)
- 6182 Zoological wall chart depicting the head and mouth appendages of the cockroach

- 6183 Zoological wall chart depicting the urodela (necturus)
- 6184 Zoological wall chart depicting the acanthias
- 6185 Zoological wall chart depicting the frog
- 6186 Zoological wall chart depicting the cranial nerves of the frog
- 6187 Zoological wall chart depicting the development of the polygordius
- 6188 Zoological wall chart depicting the larval forms of crustacea (multiple diagrams)
- 6189 Two transparent green 360o protractors used by Brian Harland, mid 20th century
- 6190 Hand-coloured engraving of John Flamsteed's house in Greenwich park; by I. Simon; English; mid-18th century
- 6191 Model of human embryo; second half 20th century
- 6192 Model of human embryo; second half 20th century
- 6193 Anatomical moveable 'atlases' of the human body, with accompanying handbooks, Bailliere, Tindall & Cox, late 19th century
- 6194 Anatomical model of human eye, by 'Auzoux S.A. Paris', c.1900
- 6195 Chemical equivalents slide rule, by Martin Ehrmann, Austria, c.1820s
- 6196 Set of 6 botanical teaching diagrams (one mycological), formerly used in Downing College, Cambridge, late 19th century
- 6197 Centrifugal force demonstration apparatus, by Deleuil, Paris, c.1820–c.1900
- 6198 The 'A.L.' chronohelion, dyptych dial (simple sundial), by E.J. Arnold & Son, early 20th century
- 6199 Newnes Practical Mechanics magazine, March 1939, 'To the Moon in a Space Ship'
- 6200 Print of black and white etching of a phonograph
- 6201 6-inch 'Kinderglobus' globe for children, by Stellanova, early 21st century
- 6202 Eye model comprising of ivory or horn cylinder containing various anatomical components, by J. Mayriugk (sp?), 1824
- 6203 Zoological wall chart depicting the digestive system of the rabbit
- 6204 Zoological wall chart depicting various growth stages of the neuroptera
- 6205 Zoological wall chart depicting radiolaria
- 6206 Zoological wall chart depicting the skate venous system
- 6207 Zoological wall chart depicting the circulatory systems of the selachian, gadus and ceratodus fish species
- 6208 Zoological wall chart depicting the hind limb muscles of the frog
- 6209 Zoological wall chart depicting the heart circulatory system of the ceratodus, molge, rana and chamaeleo
- 6210 Zoological wall chat depicting cephalopods
- 6211 8-inch globe of the planet Mars, by Ingeborg Brun, 1913, after the maps of Percival Lowell
- 6212 4 French cartographic puzzles, with the original box cover; circa 1870
- 6213 'Popular Experiments in Dynamics' model kit, by George C. Sherrin (kit produced by George Philip & Sons), 1926
- 6214 Whipple Temperature Indicator, by Cambridge Instrument Company, 1951
- 6215 Printed paper and card celestial planisphere by G. Thomas, after the celestial charts of Camille Flammarion; French; c.1890
- 6216 'Hygrorule' humidity slide rule by Short and Mason, London; English; 1924-1960
- 6217 Trombone by Rudolph Koenig for demonstrations of the interference of sound waves [Acoustic interferometer]; French; c.1889
- 6218 Handbill produced by the Nottingham Anti-Compulsory Vaccination Society; English; c.1900
- 6219 Pamphlet, William J. Hammer collection of electric light bulbs; American; 1906
- 6220 Microscope slide containing microphotograph of two views of the planet Mars, by E. Wheeler, c. 1876
- 6221 – 6226 6 × manuscript pages from Arabic book with later illustrations of medical procedures, pages are probably late 18th/early 19th century, illustration is much later, probably 20th century
- 6227 50cm linear measurement scale for calibration, by Adam Hilger, c. 1925
- 6228 Brass surveyor's cross, in the shape of a sphere, 19th or early 20th century
- 6229 Set of four tuning forks for the production of Lissajous figures by reflection, by Rudolph Koenig, c.1870
- 6230 model of a cell; c.1950s
- 6231 Paper-on-wood sector made by Giacomo Lusurg; 17th century
- 6232 Perrin's 'Phantom Eye'; ophthalmological demonstration model

Individuals

Annual reports of members of the Department

Salim Al-Gailani

Salim Al-Gailani organised the Cabinet of Natural History seminars in 2007-08, and was active in running the Cambridge Interdisciplinary Reproduction Forum (CIRF).

Lectures, Seminars and Conferences

April 2008

Al-Gailani, S. 'Teratology for the clinic: J.W. Ballantyne's "antenatal pathology and hygiene"', American Association for the History of Medicine, Rochester, New York

June 2008

Al-Gailani, S. 'Topographical anatomy and the visual culture of Edinburgh obstetrics', Scientific Images Discussion Group, Department of History and Philosophy of Science, University of Cambridge

July 2008

Al-Gailani, S. 'A system of medicine from the foetal standpoint: J.W. Ballantyne and the centralisation of antenatal knowledge', Three Societies Conference, University of Oxford

September 2008

Al-Gailani, S. 'A petition for the unborn: antenatal hygiene and the obstetrician', Society for the Social History of Medicine Annual Conference, Glasgow

Debby Banham

It was my intention to keep this year free to write my Anglo-Saxon farming book (Banham, D. and Faith, R. (forthcoming) *Anglo-Saxon Farms and Farming*, Oxford University Press), but other things keep creeping in, like organising and speaking at conferences, teaching and examining, so I haven't got as much done as I hoped. So now I'm definitely keeping my head down and not taking anything else on.

Publications

Reviews

Banham, D. Review of A. Wareham, *Lords and Communities in Early Medieval East Anglia*, in *Proceedings of the Cambridge Antiquarian Society* 96 (2007), 233-234

In Press

Articles in books

Banham, D. (2008) '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. (2008) '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. (2008) '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

March 2008

Banham, D., Jones, P. and Pilsworth, C., organisers, *The 'Missing Link': Medicine in Late Antiquity and the Early Middle Ages*, King's College, Cambridge

Banham, D. 'Sign language and Benedictine ideology in Wulfstan's *Life of St Æthelwold*', Leaders of the Anglo-Saxon Church conference, Manchester Centre for Anglo-Saxon Studies

May 2008

Banham, D. 'Dietary preference and landscape change in Anglo-Saxon England' and session organiser, *Consumption and Production in Anglo-Saxon England*, Medieval Diet Group, Somerville College, Oxford

July 2008

Banham, D. 'Oxen and ploughs: why cattle were so important in Anglo-Saxon England', International Medieval Congress, University of Leeds

Andrew Barry

Andrew Barry co-convenes the research group on Technological Natures in the School of Geography, University of Oxford, and directs the MSc programme in Nature, Society and Environmental Policy. In 2007-8 he was a member of the advisory board for the British Film Institute's Bfi Inview project.

Publications

Articles in journals

Barry, A., Born, G. and Wieszkalnys, G. 'Logics of interdisciplinarity', *Economy and Society* 37 (2008), 20-49

Barry, A. and Thrift, N. 'Gabriel Tarde: imitation, invention and economy', *Economy and Society* 36 (2007), 509-525 (translated into Turkish in *Tesmeralsekdiz* 3 (2008), 50-66)

In Press

Articles in books

Barry, A. 'Stuff matters' in B. Braun and S. Whatmore (eds) *Stuff Matters*, Minneapolis: Minnesota University Press

Lectures, Seminars and Conferences

October 2007

Barry, A. 'Oil explorations', Department of Sociology, Lancaster University

February 2008

Barry, A. 'Transparency and discretion', public seminar, Centre for the Analysis of Risk and Regulation, LSE

March 2008

Barry, A. 'Sociology: an experimental science', conference on Gabriel Tarde, CRASSH/St Catharine's College, Cambridge

April 2008

Barry, A. 'Between geoscience and economics: the political metrology of oil reserves', American Association of Geographers conference, Boston

Barry, A. 'Cracks in the system', seminar at the Departments of International Affairs and Anthropology, New School University, New York

Barry, A. 'Forms of interdisciplinary research', plenary speaker at CUCIBLE 2008, National Endowment for Science, Technology and the Arts, New Hall, Cambridge

August 2008

Barry, A. 'Conditions and events', RGS/Institute of British Geographers conference, London

Peter Bowler

Peter Bowler is currently serving on the Sub-Panel for History in the Research Assessment Exercise. He has been on leave from Queen's, Belfast, for the last academic year and is putting the final touches to the manuscript of his forthcoming book, *Who Writes for Science: Scientists and Popular Science Writing in Early Twentieth-Century Britain*, which will be published by University of Chicago Press.

Publications

Books

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

Angela Breitenbach

In 2007-08 Angela Breitenbach organised the Kant Reading Group and lectured for Part II, Papers 5 and 9. Her research examines a Kantian approach to environmental philosophy.

Publications

Articles in books

Breitenbach, A. (2007) 'Onora O'Neill' in J. Nida-Rümelin and E. Özmen (eds) *Philosophie der Gegenwart in Einzeldarstellungen*, 3rd edition, Stuttgart: Kröner Verlag, 479-483

Articles in journals

Breitenbach, A. 'Two views on nature: a solution to Kant's antinomy of mechanism and teleology', *British Journal for the History of Philosophy* 16 (2008), 351-369

Breitenbach, A. 'Nonsense and mysticism in Wittgenstein's *Tractatus*', *Pli: The Warwick Journal of Philosophy* 19 (2008), 55-77

In Press

Articles in journals

Breitenbach, A. 'Teleology in biology: a Kantian approach', *Kant Yearbook* (2009)

Lectures, Seminars and Conferences

January 2008

Breitenbach, A. 'Natural purposes, Kantian analogies and environmental ethics', Departmental Seminar, Department of History and Philosophy of Science, University of Cambridge

March 2008

Breitenbach, A. 'Kant and the limits of causality', British Society of the History of Philosophy, York

Alex Broadbent

In October 2007 Alex obtained his PhD, and began work as a Research Fellow in the Department. He was funded by the PHG Foundation on the project Philosophical Issues in Epidemiology. In September 2008 he takes up a two-year teaching post in the Department.

Publications

Articles in journals

Broadbent, A. 'Reversing the counterfactual analysis of causation', *International Journal of Philosophical Studies* 15 (2007), 169-189

Reviews

Broadbent, A. 'A note on epidemiological caution', *British Medical Journal* online (2008), <http://www.bmj.com/cgi/eletters/335/7630/1116-b#191569>

In Press

Articles in journals

Broadbent, A. 'The difference between cause and condition', *Proceedings of the Aristotelian Society* (2008)

Broadbent, A. 'For analytic bioethics', *Clinical Ethics* (2008)

Lectures, Seminars and Conferences

November 2007

Broadbent, A. 'The difference between cause and condition', European Philosophy of Science Association First Conference, Madrid

January 2008

Broadbent, A. 'Epistemological issues in epidemiology', at a meeting convened by the PHG Foundation in the Department

February 2008

Broadbent, A. 'Testing for causation', Edinburgh Legal Theory Research Group meeting

March 2008

Broadbent, A. 'Causation and the killing of Camper', introductory philosophy talk to sixth-formers, Oakham School

Broadbent, A. 'Philosophical issues in epidemiology', briefing to the Senior Development Team at the PHG Foundation

May 2008

Broadbent, A. 'Causation in fact: the real problem', Centre for Law and Political Philosophy, Cambridge

June 2008

Broadbent, A. 'Factual causation v legal causation', at a workshop of the Edinburgh Festival of Legal Theory

Co-organised workshop 'Causation in law and philosophy' at the Edinburgh Festival of Legal Theory

January–June 2008

Convened the Metaphysics of Science Reading Group in the Department

Kevin Brosnan

Publications

Articles in journals

Brosnan, K. 'Justice and education', *Theory and Research in Education* 1 (2003), 245-264

In Press

Articles in journals

Brosnan, K. 'Quasi-independence, fitness, and advantageousness', *Studies in History and Philosophy of Science* (2009)

Lectures, Seminars and Conferences

January 2008

Brosnan, K. 'Dissolving a dilemma: why Darwinian considerations don't confront moral realism with hard choices', King's College London

April 2008

Brosnan, K. 'Assessing the impact of evolutionary theory on the epistemic status of moral intuition', American Philosophical Association, Pacific Division Meeting

June 2008

Brosnan, K. 'Why evolutionary considerations support the reliability of moral intuition', *Evolution and the Metaphysical Conditions of Ethics*, CRASSH workshop, University of Cambridge

Mirjam Brusius

Mirjam Brusius is about to complete her first year of the AHRC-funded Collaborative Doctoral Project 'Beyond the photograph: science and the antique in the work of William Henry Fox Talbot' (HPS / British Library, supervised by Professor Simon Schaffer and Dr Katrina Dean). She initiated the Scientific Images Discussion Group, tutored the German Therapy group and co-organised an interdisciplinary graduate conference on 'Challenges of the 21st Century' in Cambridge.

Publications

Articles in books

Brusius, M. (2007) 'Bellezze dell' animo. Weibliche Profilportraits in Italiens Quattrocento' in M. Steinbrück et al. (eds) *Das Portrait. Eine Bildgattung und ihre Möglichkeiten*, Deutscher Kunstverlag München Berlin, 15-30

Articles in journals

Brusius, M. 'Die energische Amerika. Überlegungen zur Erdteilallegorie der Amerika in Andrea Pozzos Langhausfresko in der Jesuitenkirche S. Ignazio in Rom und der jesuitischen Missionstätigkeit in der Neuen Welt', *Das Münster* 2 (2007), 100-109

Reviews

Brusius, M. 'Kunst, Nicht-Kunst', review of the exhibition catalogue, P.H. Emerson, National Media Museum, Bradford, in *Fotogeschichte* 104 (2007), 73-74

In Press

Articles in books

Brusius, M. (2009) 'Unschärfe als frühe Fotokritik. Julia Margaret Camerons Frage nach dem Maß der Fotografie im 19. Jahrhundert' in I. Reichle, S. Siegel and A. Spelten (eds) *Maßlose Bilder. Visuelle Ästhetik der Transgression*, Wilhelm Fink Verlag München

Reviews

Brusius, M. Reviews of G. Batchen, *William Henry Fox Talbot*, K. Jacobson, *Odalisques & Arabesques: Orientalist Photography 1839-1925* and R. Taylor, *Impressed by Light: British Photography from Paper Negatives, 1840-1860*, in *Rundbrief Fotografie*, NF, Heft 60 (December 2008)

Lectures, Seminars and Conferences

September 2007

Brusius, M. 'Ästhetik des Unberechenbaren. Lebendige Kamera und photographisches Eigenleben im Werk Julia Margaret Camerons', Eikones Summer School 2007 'Bildkritik / Artefakte. Bilder am Rande der Wissenschaft', Universität Basel

December 2007

Brusius, M. 'Die Schärfe der Unschärfe. Typologie eines Stilmittels in der frühen Photographie', Absolvententag des Kunstgeschichtlichen Seminars, Humboldt-Universität zu Berlin

January 2008

Brusius, M. 'Preserving the forgotten – William Henry Fox Talbot, photography and the antique', British Society for the History of Science Postgraduate Conference, University of Leeds

Brusius, M. 'Die verborgene Hälfte. Zur Schwierigkeit einer Physiognomik weiblicher Profildarstellungen in Italiens Quattrocento', DFG Forschergruppe 'Die Macht des Gesichts', Deutsches Forum Kunstgeschichte Paris / École des hautes études en sciences sociales (EHESS) Paris

March 2008

Brusius, M. 'Preserving the forgotten – William Henry Fox Talbot and the antique – and what it has to do with photography', History of Science Workshop, University of Cambridge

Brusius, M. 'One scientific image that made a career: William Henry Fox Talbot's "Patroclus" and the common ground between photography and the antique', 'Invisible Seminar', publication project on scientific images for a special issue of *Nuncius: Journal of the History of Science* (2009), Max-Planck Institute of the History of Science, Berlin

Brusius, M. 'Unschärfe als frühe Bildkritik. Die Frage nach dem Maß der Fotografie im 19. Jahrhundert', Junges Forum Bildwissenschaft 'Das Maß der Bilder', Berlin Brandenburgische Akademie der Wissenschaften

April 2008

Brusius, M. 'Jan Vermeer's images of scientists and Pascal's "esprit de finesse": art, philosophy and science in the Dutch Golden Age', Scientific Images Discussion Group, University of Cambridge

May 2008

Brusius, M. 'William Henry Fox Talbot, Viktorianischer Universalgelehrter. Zu den Notizbüchern Talbots in der British Library', Forschungskolloquium Prof. Dr Horst Bredekamp, Humboldt-Universität zu Berlin

June 2008

Brusius, M. 'Lago di Como 1833. Talbots Erfindung der Fotografie und ihre frühe Entwicklung zum Medium der Archäologie und der Kunstgeschichte', Doktorandenkolloquium 'Bildanalyse – interdisziplinär. Zum Bildverständnis in den Wissenschaften', Villa Vigoni, Menaggio (Lago di Como)

Brusius, M. 'Capturing time: William Henry Fox Talbot's universal scholarship and the common ground between photography and the antique', Lunchtime Seminar, Darwin College, University of Cambridge

July 2008

Brusius, M. "'Susceptible of an almost unlimited variety": Fox Talbot's "Patroclus" und die frühe Fotografie von Skulptur', Dissertantenkolloquium Prof. Dr Herta Wolf, Universität Duisburg-Essen

September 2008

Brusius, M. 'Einschreibungen in Papier und Stein. William Henry Fox Talbot als Fotograf und Schriftenforscher', Eikones Summer School 2008 'Bilder Denken / Ägyptische Hieroglyphen. Schriftkultur – Bilderschrift – Weltbild', Universität Basel

Robert Bud

Publications

Articles in journals

Bud, R. 'Upheaval in the moral economy of science? Patenting, teamwork and the World War 2 experience of penicillin', *History and Technology* 24 (2008), 173-190

In Press

Articles in books

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

Lectures, Seminars and Conferences

October 2007

Bud, R. 'Trust and science at the Science Museum', *Trust in Science*, interdisciplinary workshop, Toronto

March 2008

Bud, R. 'Science at the Science Museum', *Patrimoine scientifique et technique, culture et société*, CNAM, Paris

May 2008

Bud, R. 'Patenting the Sun: controversies over patenting in medicines in the 1920s and 1930s, the case of Vitamin D', *Living Properties: Making Knowledge and Controlling Ownership in the History of the Biological Sciences*, Max Planck Institute for the History of Science, Berlin

July 2008

Bud, R. 'Applied science: an idea whose time had come', Three Societies meeting, Oxford

September 2008

Bud, R. 'Biotechnology: prehistory, from ancient times to 1970', *Biotechnology: Past, Present & Future*

Exhibitions

May 2007 – May 2008

Penicillin: A Tale of Triumph and Tragedy, The Science Museum, London

Tatjana Buklijas

In September 2007 Tatjana Buklijas gave a lecture course on 'Disease, society and population' to postgraduate students in history at the University of Dubrovnik and in Lent Term 2008 on 'Dissecting anatomy' to HPS Part II Paper 8 students. She co-organized, with Maryon McDonald, a one-day workshop on 'Anatomy in Context' at McDonald Institute for Archaeological Research. She sat on the JRF Arts and Humanities Committee of Clare Hall.

Publications

Articles in journals

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 History and Philosophy of Biological and Biomedical Sciences* 38 (2007), 679-686

Buklijas, T. 'Surgery and national identity in late nineteenth-century Vienna', *Studies in History and Philosophy of Biological and Biomedical Sciences* 38 (2007), 756-774

Buklijas, T. Cover page article 'Medicine and society in the medieval hospital', *Croatian Medical Journal* 49 (2008), 151-154

Buklijas, T. 'Cultures of death and politics of corpse supply: anatomy in Vienna, 1848-1914', *Bulletin of the History of Medicine* 82 (2008), 570-607

Reviews

Buklijas, T. 'Cultures of dissection and anatomies of generation', essay review of K. Park, *Secrets of Women: Gender, Generation and the Origins of Human Dissection*, in *Annals of Science* 65 (2008), 439-444

In Press

Reviews

- Buklijas, T. Review of D.R. Coen, *Vienna in the Age of Uncertainty: Science, Liberalism and Private Life*, in *Isis*
- Hopwood, N. and Buklijas, T. Review of the collections database of the German Hygiene Museum, Dresden, <http://www.dhmd.de/emuseum>, in *Bulletin of the History of Medicine*
- Buklijas, T. Review of E. Dietrich-Daum, *Die 'Wiener Krankheit': eine Sozialgeschichte der Tuberkulose in Österreich*, in *Austrian History Yearbook*

Lectures, Seminars and Conferences

September 2007

- Buklijas, T. 'Znanstvena disciplina i urbana preobrazba: anatomija u Beču', Historični seminar, Znanstvenoraziskovalni centar SAZU, Ljubljana, Slovenia
- Buklijas, T. 'Anatomical disciplinary transformations in the first half of the twentieth century', Anatomy in Context Workshop, Department of Social Anthropology and HPS, University of Cambridge

October 2007

- Buklijas, T. 'Dissection, discipline and urban transformation: anatomy in Vienna between 1848 and the rise of Fascism', Centre for the History of Science, Technology and Medicine, University of Manchester

November 2007

- Buklijas, T. 'Orthopaedic surgery, the mechanical body and the empire in the late nineteenth-century Vienna', History of Science Society Annual Conference 2007, Washington DC

July 2008

- Buklijas, T. 'Locating a discipline: anatomy in Vienna', Australian Historical Association Biennial Conference, Melbourne

Joanna Burch Brown

Joanna Burch Brown joined the Department in Lent Term as a first year PhD student. In 2008 she served on the steering committee for an annual conference at Mansfield College in Oxford entitled *Environmental Justice and Global Citizenship*. She also served as a director for Forest Farm Peace Garden, a registered charity in East London.

In Press

Articles in books

- Burch Brown, J. 'Compensation and climate change: three exploratory games' in *Justice and the Environment*, Oxford: Rodolpi

Conference reports

- Burch Brown, J. 'Compensation, climate change and duties between states' in *Probing the Boundaries: Environmental Justice and Global Citizenship*, Oxford: Interdisciplinary.net

Lectures, Seminars and Conferences

March 2008

- Burch Brown, J. 'Consequences, climate change and limits to knowledge: ethics under partial ignorance', *Ethical Theory and Moral Practice* 10th Anniversary Conference, Vrije University, Amsterdam

May 2008

- Burch Brown, J. 'Consequences, climate change and limits to knowledge: ethics under partial ignorance', James Martin Advanced Research Seminar Series, Faculty of Philosophy, University of Oxford

September 2008

- Burch Brown, J. 'Objective consequentialism, climate change and uncertainty', *The Ethics of Risk: Consequentialism, Contractualism and Beyond*, University College London

Jeremy Butterfield

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

Publications

Articles in journals

Butterfield, J. 'Reconsidering relativistic causality', *International Studies in the Philosophy of Science* 21 (2007), 295-328

Butterfield, J. 'Stochastic Einstein Locality revisited', *British Journal for the Philosophy of Science* 58 (2007), 805-867

Lectures, Seminars and Conferences

November 2007

Butterfield, J. 'The uses of infinity: a philosopher looks at emergent phenomena in physics', The 2008 Wilkins-Bernal-Medawar Lecture, The Royal Society, London (repeated in Bristol)

June 2008

Butterfield, J. 'Catastrophe theory: some philosophical morals', Philosophy of Physics Seminar, University of Oxford

July 2008

Butterfield, J. Three lectures at the Geneva Summer School in Philosophy of Physics: 'The persistence of objects over time', 'Spacetime in classical theories', 'The interpretation of general relativity'

Cristina Chimisso

Cristina Chimisso is a senior lecturer in European Studies and Philosophy at the Open University and affiliated research scholar at the Department of History and Philosophy of Science, Cambridge. She also gives two or three lectures a year in the Department (Paper 9). She is a member of the management committee of the British Society for the History of Philosophy, of which she was the secretary 2002-2008. She is also a participant in the ESF Research Networking Programme (2008-2013) 'The Philosophy of Science in a European perspective'.

Publications

Books

Chimisso, C. (2008) *Writing the History of the Mind: Philosophy and Science in France, 1900-1960s*, Ashgate

Reviews

Chimisso, C. Review of E. Kleinberg, *Generation Existential*, in *British Journal for the History of Philosophy* 15 (2007), 416-419

Chimisso, C. Review of R. Smith, *Being Human*, in *British Journal for the History of Philosophy* 16 (2008), 451-453

In Press

Articles in journals

Chimisso, C. 'From phenomenology to phenomenotechnique: the role of early twentieth-century physics in Gaston Bachelard's philosophy', *Studies in History and Philosophy of Science*, special issue *New Paths of Physical Knowledge: Science and the Changing Sense of Reality c1900*, guest editor O. Sibum (2008)

Reviews

Chimisso, C. Review of P. Corfield, *Time and the Shape of History*, in *Isis*

Lectures, Seminars and Conferences

November 2007

Chimisso, C. 'Bachelard between history of the mind and phenomenotechnique', Department of Politics and Philosophy, Manchester Metropolitan University

June 2008

Chimisso, C. 'Scientific rationality and philosophy: Gaston Bachelard's "new scientific mind"', Faculty of Social Sciences, The Open University

Sophia Davis

Publications

Articles in journals

Davis, S. 'Military landscapes and secret science: the case of Orford Ness', *Journal of Cultural Geography* 15 (2008), 143-149

In Press

Articles in journals

Davis, S. 'Raising the aerocompass in early twentieth-century Britain', *British Journal of the History of Science* (2008)

Lectures, Seminars and Conferences

October 2007

Davis, S. 'Oral histories', MPhil Research Methods Seminar, Department of History and Philosophy of Science, University of Cambridge

January 2008

Davis, S. 'Military landscapes and secret science: mythical and empirical histories of the Suffolk coast', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

Soraya de Chadarevian

Publications

Articles in books

de Chadarevian, S. (2007) 'Modelle und die Entstehung der Molekularbiologie' in C. Blümle and A. Schäfer (eds) *Abstraktion in Kunst und Lebenswissenschaften*, Berlin and Zuerich: Diaphanes, 173-197 (translation of article originally published in English)

de Chadarevian, S. (2007) 'Perutz, Max Ferdinand' in *New Dictionary of Scientific Biography*, Charles Scribner's Sons, 79-84

de Chadarevian, S. (2007) 'Cells' and 'Biology, history' in E. Gomart (ed.) *Genesis* [exhibition catalogue], Centraal Museum Utrecht

Articles in journals

de Chadarevian, S. 'Storia di una scoperta', *Rendiconti – Classe di Scienze Matematiche e Naturali* 139 (2005), 17-30 [appeared 2008]

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 for the History of Science* 41 (2008), 127-129

In Press

Articles in books

de Chadarevian, S. "'Alte" and "neue" Biologie oder wie molekular ist die Molekularbiologie?' in A. Ofak and P. von Hilgers (eds) *Rekursionen in der Geschichte des Wissens*, Munich: Fink Verlag (revised version of an article previously published in English)

Articles in journals

de Chadarevian, S. 'Microstudies versus big picture accounts?', *Studies in History and Philosophy of Biological and Biomedical Sciences* (contribution to special issue co-edited with H.-J. Rheinberger, *Disciplinary Histories and the History of Disciplines: The Challenge of Molecular Biology*)

de Chadarevian, S. and Rheinberger, H.-J. 'Introduction', *Studies in History and Philosophy of Biological and Biomedical Sciences* (introduction to guest-edited issue)

Lectures, Seminars and Conferences

April 2008

de Chadarevian, S. 'Biology in the atomic age', Colloquium in the History of Science and Medicine, Yale University

May 2008

de Chadarevian, S. 'Karyotyping human populations in the 1960s', Third International Workshop on Genetics, History and Public Understanding, Barcelona

June 2008

de Chadarevian, S. 'Visualizing human chromosomes II: banding, patterns and computers', at workshop *Graphing Genes, Cells and Embryos II*, Max Planck Institute for the History of Science, Berlin

July 2008

de Chadarevian, S. 'DNA and history: reflections on an interdisciplinary debate', Three Societies meeting, Oxford (contributor and organiser of the session 'DNA and History')

Mary Dobson

Publications

Books

Dobson, M. (2008) *Disease: The Extraordinary Stories Behind History's Deadliest Killers*, Quercus

Michael Edwards

Michael Edwards was Director of Studies in History for Christ's College in the Lent and Easter terms. He lectured on 'Psychology and political thought in early modern Europe' in the History Faculty in Michaelmas 2007.

Publications

Articles in books

Edwards, M. (2008) 'Time and perception in late Renaissance Aristotelianism' in S. Knuuttila and P. Kärkkäinen (eds) *Theories of Perception in Medieval and Early Modern Philosophy*, Dordrecht: Springer, 225-243

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 (2008), 127-170

In Press

Articles in books

Edwards, M. 'Medieval philosophy in the late Renaissance: the case of internal and external time in Scotist metaphysics' in K. Eisenbichler (ed.) *Renaissance Medievalisms: Renaissance Uses of the Medieval Past*, Toronto: Centre for Reformation and Renaissance Studies, Essays and Studies Series, 229-247

Reviews

Edwards, M. Review of S.J. Finn, *Thomas Hobbes and the Politics of Natural Philosophy*, in *Isis* (2008)

Edwards, M. Review of H. Hotson, *Commonplace Learning: Ramism and its German Ramifications, 1543-1630*, in *History of Universities* 23:2 (2008)

Lectures, Seminars and Conferences

February 2008

Edwards, M. 'Time and the soul in Early Modern Europe, in and between disciplines', Political Thought and Intellectual History Seminar, Faculty of History, University of Cambridge

May 2008

Edwards, M. 'Body, soul and anatomy in late Aristotelian psychology', Mellon Conference on 'Hylomorphism', California Institute of Technology, USA

July 2008

Edwards, M. 'The science and politics of time in Early Modern Europe', Three Societies Conference on the History of Science: 'Connecting Disciplines', Keble College, Oxford

Nader El-Bizri

I am currently a Visiting Professor in Visual Studies at the University of Lincoln, and I continue to hold a senior Research Associate post in philosophy at the Institute of Ismaili Studies in London, and a Chercheur Associé affiliation in history of science at the Centre National de la Recherche Scientifique (CNRS) in Paris. In 2008 I launched the new Oxford University Press *Epistles of the Brethren of Purity* series, which I serve as General Editor. I am also the Co-Editor of a book series in phenomenology (Kluwer Academic Publishers, Dordrecht), and I serve on the Editorial Boards of *Toposophia* (architecture and philosophy, Lexington Books, Maryland), the *Isma'ili Texts and Translations Series* (I.B. Tauris, London), and the *Encyclopaedia Islamica* (E.J. Brill, Leiden). In 2008 I continued to act as consultant to the Aga Khan international awards in architecture (Geneva), and I assisted Oxford Scientific Films (Southern Star group) in producing a BBC Four documentary (TV series) on 'Arabic sciences'.

Publications

Articles in books

- El-Bizri, N. (2007) '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, 137-155
- El-Bizri, N. (2007) 'Préface' in Y.J. Michot (ed.) *Saints du Mont Liban: Cinq Fetwas par Ibn Taymiyya*, Editions Albouraq, VII-XVIII
- El-Bizri, N. (2007) 'Imagination and architectural representations' in M. Frascari, J. Hale and B. Starkey (eds) *From Models to Drawings: Imagination and Representation in Architecture*, Routledge, 34-42
- El-Bizri, N. (2008) 'Hermeneutics and tradition: re-gathering the *Epistles of the Brethren of Purity*' in S. Erdem (ed.) *Islam ve Klasik, Bilim ve Sanat Vakfi*, Istanbul, 339-360
- El-Bizri, N. (2008) 'God: essence and attributes' in T. Winter (ed.) *The Cambridge Companion to Classical Islamic Theology*, Cambridge University Press, 121-140
- El-Bizri, N. (2008) 'Le problème de l'espace: approches optique, géométrique et phénoménologique' in G.F. Vescovini and O. Rignani (eds) *Oggetto e spazio. Fenomenologia dell'oggetto, forma e cosa dai secoli XIII-XIV ai post-cartesiani*, SISMELE, Edizioni del Galluzzo, Firenze, 59-70

In Press

Books

- El-Bizri, N. (ed.) (2008) *Epistles of the Brethren of Purity: The Ikhwan al-Safa' and their Rasa'il*, Oxford University Press

Articles in books

- El-Bizri, N. (2008) 'Epistolary prolegomena: on arithmetic and geometry' in N. El-Bizri (ed.) *Epistles of the Brethren of Purity: The Ikhwan al-Safa' and their Rasa'il*, Oxford University Press
- El-Bizri, N. (2009) 'Corollaries on space and time in Arabic sciences and philosophy' in L. Kavanaugh (ed.) *Chrono-Topologies: Hybrid Spatialities and Multiple Temporalities*, MIT Press
- El-Bizri, N. (2009) 'Phenomenology of space and the logos of life' in G. Backhaus (ed.) *The Phenomenology of Life of Anna-Teresa Tymieniecka*, Kluwer Academic Publishers
- El-Bizri, N. (2009) 'La phénoménologie et l'optique géométrique' in A. Allard and P. Pietquin (eds) *Actes du congrès de la Société Internationale d'Histoire des Sciences et des Philosophies Arabes et Islamiques*, Cahiers des Etudes Classiques, Namur
- El-Bizri, N. (2010) 'La nature dans la pensée arabe' in N. Tazi (ed.) *La nature, collection les mots du monde*, Editions la Découverte, Paris
- El-Bizri, N. (2010) 'Galen' in I. Saadat (ed.) *Danish nameh zaban wa adab Farisi*, Tehran
- El-Bizri, N. (2010) 'Philosophical discourses in the *Epistles of the Brethren of Purity*' in A. Lalani et al. (eds) *The Shi'i Traditions: Essence and Expressions*, I.B. Tauris, London
- El-Bizri, N. (2010) 'Selected metaphysical epistles from the collected works of the philosopher Mirza Abu al-Hasan Jilwa' in S.H. Nasr and M. Aminrazavi (eds) *An Anthology of Philosophy in Persia*, Volume V, Oxford University Press

Articles in journals

- El-Bizri, N. (2008) '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

November 2007

El-Bizri, N. 'Avicenna', guest on BBC Radio 4, *In Our Time*, with Melvyn Bragg
http://www.bbc.co.uk/radio4/history/inourtime/inourtime_20071108.shtml

El-Bizri, N. 'Intellectual inspirations or creative impasses? Interrogations around architecture and the humanities', keynote speaker, interdisciplinary international conference on *The Role of the Humanities in Design Creativity*, Faculties of Art, of Architecture and Design, of Media, and Humanities, University of Lincoln

March 2008

El-Bizri, N. 'Rethinking Avicenna's ontology from the standpoint of Heidegger's critique of metaphysics?', invited speaker, international colloquium: *Heidegger and the Contemporary Religious Situation*, Centre for Theology & Modern European Thought, University of Oxford, Trinity College, Oxford

El-Bizri, N. 'Classical traditions in science in the *Epistles of the Brethren of Purity*', interview for a BBC Four TV documentary, Oxford Scientific Films, London

April 2008

El-Bizri, N. 'L'optique dans les sources arabes: histoire de la pensée scientifique', presentation at the Ecole Normale Supérieure, CAPHES (Centre d'Archives de Philosophie, d'Histoire et d'Editions des Sciences), Paris

May 2008

El-Bizri, N. 'Ibn al-Haytham: his life and works', documentary interview filmed onsite in Cairo with Oxford Scientific Films (Southern Star group), TV series on 'Arabic sciences', BBC Four

June 2008

El-Bizri, N. 'Reconsidering the notion of space in Ibn al-Haytham's *Optics*', invited speaker, international colloquium: *La Science de l'Optique de l'Antiquité au XVIIème siècle (L'ottica dall'antichità al XVII secolo)*, Departments of Philosophy and Mathematics, Università di Milano, Milan

El-Bizri, N. 'La démonstration en optique: le raisonnement hypothético-déductif et l'expérimentation suivant la tradition d'Ibn al-Haytham', invited speaker, international colloquium: *La démonstration de l'antiquité à l'âge classique*, Université Paris 1 / Sorbonne, Paris

September 2008

El-Bizri, N. '*The Epistles of the Brethren of Purity*', invited speaker, Graduate Programme in Islamic Studies and Humanities, The Institute of Ismaili Studies, London

Samantha Evans

Editor, Darwin Correspondence Project

Publications

Books

Burkhardt, F., Evans, S. and Pearn, A.M. (eds) (2008) *Evolution: Selected Letters of Charles Darwin, 1860-1870*, Cambridge University Press

Burkhardt, F., et al. (eds) (2008) *The Correspondence of Charles Darwin* vol. 16, Cambridge University Press

Patricia Fara

Publications

Articles in books

Fara, P. (2008) 'Educating Mary: women and scientific literature in the early nineteenth century' in C. Knellwolf and J. Goodall (eds) *Essays on Frankenstein*, Ashgate, 17-32

Articles in journals

Fara, P. 'Hidden depths: Halley, hell and other people', *Studies in History and Philosophy of Biological and Biomedical Sciences* 38 (2007), 570-583

Fara, P. 'Looking for Aristotle', *Endeavour* 32 (2008), 44-46

Fara, P. 'Baron Kelvin of Largs: an economical engineer', *Endeavour* 31 (2007), 22-23

Fara, P. 'Alexander von Humboldt: a revolutionary explorer', *Endeavour* 32 (2008), 3-4

Reviews

Fara, P. Review of J. Golinski, *British Weather and the Climate of Enlightenment*, for H-Net, July 2008

- Fara, P. Review of R. Dawkins, *The Oxford Book of Modern Science Writing*, in *Literary Review*, March 2008, 40
- Fara, P. Review of R. Fortey, *Dry Store Room No 1: The Secret Life of the Natural History Museum*, in *Literary Review*, February 2008, 40-41
- Fara, P. Review of D.E. Harkness, *The Jewel House: Elizabethan London and the Scientific Revolution*, in *BBC History*, December 2007, 60-61
- Fara, P. Review of R. Watts, *Women in Science: A Social and Cultural History*, in *BBC History*, October 2007, 74
- Fara, P. Review of A.B. Shteir and B. Lightman (eds) *Figuring it Out: Science, Gender and Visual Culture*, in *Isis* 98 (2007), 819-821
- Fara, P. Review of H. Ewing, *The Lost World of James Smithson: Science, Revolution and the Birth of the Smithsonian*, in *Times Literary Supplement*, 7 September 2007, 23
- 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* 40 (2007), 621-622
- Fara, P. Review of B.W. Ogilvie, *The Science of Describing: Natural History in Renaissance Europe*, in *Renaissance Studies* 21 (2007), 729-731

In Press

Books

Fara, P. (2009) *Science: A Four Thousand Year History*, Oxford University Press

Articles in journals

- Fara, P. 'Grandfather of evolution', *BBC History* (2009)
- Fara, P. 'Mary Somerville: a scientist and her ship', *Endeavour* (2009)
- Fara, P. 'Cartesian visions', *Endeavour* (2009)

Reviews

- Fara, P. Review of D.B. Haycock, *Mortal Coil: A Short History of Living Longer*, in *BBC History* (2008)
- Fara, P. Review of A. Tosi, *Portraits of Men and Ideas: Images of Science from the Renaissance to the Nineteenth Century*, in *Nuncius*
- Fara, P. Review of N. Chambers (ed.) *The Scientific Correspondence of Sir Joseph Banks, 1765-1820*, in *Medical History*
- Fara, P. Review of J. Smith, *Charles Darwin and Victorian Visual Culture*, in *Journal of Victorian Culture*

Lectures, Seminars and Conferences

March 2008

Fara, P. 'Hyenas and Minervas: women, science and history', Cambridge Science Festival

April 2008

Fara, P. 'Women, science and *Frankenstein*', Open University conference at the British Library

May 2008

Fara, P. 'Triangulations: plants, poetry and politics in the late eighteenth century', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

June 2008

Fara, P. 'Women in science', Cheltenham Science Festival

July 2008

Fara, P. 'Under Newton's apple tree', Cambridge Science Summer School

John Forrester

John Forrester was Chair of the Board of History and Philosophy of Science and of the HPS Degree Committee in Michaelmas Term and was appointed Head of Department following Peter Lipton's sudden death at the end of November. He was an Examiner for NST Part II HPS and Senior Examiner, MPhil in History, Philosophy and Sociology of Science, Technology and Medicine. He continued to co-convene (with 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 first to Latin American psychoanalysis, then to a reading of Lacan, *Seminar VII: The Ethics of Psychoanalysis* and finally to a series of readings following on from the Lacan. He continues to edit the journal *Psychoanalysis and History*. He continued to act, for a final year, as External Examiner, MSc Psychoanalytic Studies, University of Essex.

Publications

Articles in books

Forrester, J. (2007) 'The psychoanalytic case: voyeurism, ethics, and epistemology in Robert Stoller's *Sexual Excitement*' in A.N.H. Creager, E. Lunbeck and M.N. Wise (eds) *Science Without Laws: Model Systems, Cases, Exemplary Narratives*, Durham & London: Duke University Press, 189-211

Forrester, J. (2007) 'Supplementary entry: Sigmund Freud' in *Dictionary of Scientific Biography*

Articles in journals

Forrester, J. 'On Kuhn's case: psychoanalysis and the paradigm', *Critical Inquiry* 33 (2007), 782-819

Forrester, J. '1919: psychology and psychoanalysis, Cambridge and London: Myers, Jones and MacCurdy', *Psychoanalysis and History* 10 (2008), 37-94

Forrester, J. 'The destiny of psychoanalysis and the failure of scientific naturalism', *Philoctetes* 2 (2008), 30-37

Forrester, J. 'Peter Lipton. Obituary', *The Independent*, 9 January 2008

Lectures, Seminars and Conferences

April 2008

Forrester, J. 'Women and the reception of psychoanalysis in Cambridge in the early twentieth century', paper presented by videolink to Pembroke Center for Teaching and Research on Women, Brown University

May 2008

Forrester, J. 'Metaphors in history and science: history of memory, history as memory', presentation and discussion, History and Theory Reading Group, Department of History and Philosophy of Science, University of Cambridge

Forrester, J. 'Science, scientism, science fiction and pseudo-science in the early twentieth century: the case of psychoanalysis', paper given to conference *Freud in the 21st Century/Freud au XXI-ème siècle*, University of Chicago Paris Center

July 2008

Chair and commentary, Alexandre Métraux, 'Animal hypnotism' and Lydia Marinelli and Andreas Mayer, 'Animals in analysis', workshop, *Animal Subjects under Observation*, Max Planck Institute for the History of Science, Berlin

Axel Gelfert

Axel spent the past academic year as a Visiting Fellow in the Department of Philosophy, National University of Singapore, where he has since been appointed to a tenure-track Assistant Professorship as part of a new Research Cluster 'Science, Technology and Society'. In July 2008, he co-organised a conference on 'Science, Technology and Values in Asian Development'.

Publications

Articles in books

Gelfert, A. (2008) 'Learning from testimony: cognitive cultures and the epistemic status of testimony-based beliefs' in T. Botz-Bornstein (ed.) *Culture, Nature, Memes: Dynamic Cognitive Theories*, Newcastle: CSP, 34-56

Gelfert, A. (2008) 'Education and the republic of science' in C. Tan (ed.) *Philosophical Reflections for Educators*, Singapore: Cengage Publishing, 115-140

In Press

Articles in books

Gelfert, A. (2009) 'Zeugnis' [Testimony], in G. Mohr, J. Stolzenberg and M. Willaschek (eds) *Kant-Lexikon*, vol. 3, de Gruyter

Articles in journals

Gelfert, A. 'Indefensible middle ground for local reductionism about testimony', *Ratio*

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

Reviews

Gelfert, A. Review of M. Fricker, *Epistemic Injustice: Power and the Ethics of Knowing*, in *Times Literary Supplement*

Lectures, Seminars and Conferences

November 2007

Gelfert, A. 'Local reductionism, epistemic injustice, and the epistemology of testimony', invited talk, Institut für Philosophie, Freie Universität Berlin

Gelfert, A. 'Coherence and indirect confirmation across scientific models: a case study and its epistemological implications', EPSA07: 1st Conference of the European Philosophy of Science Association, Complutense University, Madrid, Spain

Jeremy Gray

Jeremy Gray's book *Worlds out of Nothing: A Course on the History of Geometry in the 19th Century* (Springer, 2006) was nominated an Outstanding Academic Title by *Choice* magazine in January 2008.

Publications

Articles in books

Gray, J.J. (2008) Biographical articles on Ahlfors, Hilbert, Kodaira, Morse and Zygmund in *New Dictionary of Scientific Biography*

Articles in journals

Gray, J.J. and Micallef, M. 'The work of Jesse Douglas on minimal surfaces', *Bulletin of the American Mathematical Society* 45 (2008), 293-302

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) 'Mathematical modernism' in T. Archibald, E. Robson and J. Stedall (eds) *Oxford Handbook of the History of Mathematics*, Oxford University Press, 663-683

Gray, J.J. (2008) 'Geometry, history of' in *Princeton Companion to Mathematics*, Princeton University Press

Gray, J.J. (2008) 'Geometry' in *New Dictionary of the History of Ideas*, New York: Scribner's

Lectures, Seminars and Conferences

April 2008

Invited Visiting Scholar in the History of Mathematics at various Danish universities: 'The origins of topology', Copenhagen University; 'Mathematics and modernism', Roskilde University; 'Douglas and minimal surfaces', Odense; and 'The history of projective geometry', Aarhus University

May 2008

Gray, J.J. 'Shaping complex analysis: from research to textbook', German Mathematical Society conference, Oberwolfach, Germany

June 2008

Gray, J.J. 'Understanding [and] Riemann surfaces', Paris Conference on Mathematics Understanding

Vanessa Heggie

Publications

Articles in journals

Heggie, V. 'Jewish medical charity in Manchester: reforming alien bodies', *Bulletin of the John Rylands University Library* 87 (2005), 111-132 [published 2007]

Heggie, V. 'Lies, damn lies, and Manchester's recruiting statistics: degeneration as an "urban legend" in Victorian and Edwardian Britain', *Journal of the History of Medicine and Allied Sciences* 63 (2008), 178-216

Heggie, V. "'Only the British appear to be making a fuss": the science of success and the myth of amateurism at the Mexico Olympiad, 1968', *Sport In History* 28 (2008), 213-235

Reviews

Heggie, V. Review of M.G. Phillips (ed.) *Deconstructing Sport History: A Postmodern Analysis*, in *Sport History Review* 38 (2007), 163

Heggie, V. Review of P. Dimeo, *A History of Drug Use in Sport 1876-1976: Beyond Good and Evil*, in *Social History of Medicine* 21 (2008), 403

In Press

Articles in books

Heggie, V. (2008) Introduction to the section 'Eat and move' in *Getting the Message Across: Public Health Campaigns (1948-2008)*, WHO

Heggie, V. (2009) 'Men in women's sport' in *Battleground: Sport*, Greenwood Press

Lectures, Seminars and Conferences

December 2007

Heggie, V. 'A history of sports medicine in Britain (yes, all of it)', Regimens of Health, Warwick University

March 2008

Heggie, V. 'Volunteers for science: a medical history of the Olympic Games', Sport, Medicine and Immortality, UCL/British Museum

May 2008

Heggie, V. 'Abnormal to supernatural: the medical construction of the athletic body in 20th-century Britain', CRASSH Health and Welfare Research Seminar, University of Cambridge

July 2008

Heggie, V. 'Gentlemen and amateurs; GPs, the voluntary tradition, and resistance to specialisation in sports medicine', Three Societies Conference (BSHS, CSHPS, HSS), University of Oxford

Heggie, V. 'An international health service: medicine and modernity at the 1948 Olympiad', *Olympic City*, Centre for Contemporary British History, London

Nick Hopwood

Nick Hopwood, a senior lecturer in the Department, spent the year on research leave finishing a book on *Pictures of Evolution and Charges of Fraud*. He carried on managing our Wellcome history of medicine enhancement award and, with Martin Johnson (PDN) and Sarah Franklin (LSE), started a Wellcome-funded project on mammalian embryology and IVF in postwar Britain. He continued to sit on the Wellcome Library Advisory Committee and joined the Wellcome History of Medicine Strategic and Enhancement Awards Sub-Committee.

In Press

Articles in books

Hopwood, N. (2009) '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, 285-315

Articles in journals

Hopwood, N. 'Model politics', *Lancet*

Reviews

Hopwood, N. and Buklijas, T. Review of the collections database of the German Hygiene Museum, Dresden, <http://www.dhmd.de/emuseum>, in *Bulletin of the History of Medicine*

Lectures, Seminars and Conferences

November 2007

Nielsen, S.N. and Hopwood, N. Organized the CIRF interdisciplinary workshop on reproduction at CRASSH

Hopwood, N. 'A troublesome icon of knowledge', at 'Telling the past now: historiographies for the 21st century', University of Aarhus, Denmark

April 2008

Hopwood, N. 'Anatomist holds model embryo: interpreting a marble portrait from 1900', AAHM annual meeting, Rochester, N.Y.

June 2008

Hopwood, N. 'Copying pictures, evidencing evolution: from alleged forgeries to textbook illustrations', keynote lecture, 5th European Conference of the Society for Literature, Science and the Arts, Berlin

Hopwood, N., Schaffer, S. and Secord, J. Organized a workshop in the Department on 'Seriality and scientific objects in an age of revolution, 1780-1848', with support from the Wellcome Trust, Max Planck Society and Cambridge Victorian Studies Group

Annette Imhausen

Publications

Articles in books

Imhausen, A. (2008) 'Egyptian mathematical texts' in H. Selin (ed.) *Encyclopaedia of the History of Science, Technology, and Medicine in Non-Western Cultures*, Springer

Reviews

Imhausen, A. Review of T. Pommerening, *Die altägyptischen Hohlmaße*, in *MAA Reviews* (<http://www.maa.org/maa%20reviews/dah.html>)

In Press

Articles in books

Imhausen, A. and Rossi, C. (2008) 'Papyrus Reisner I: architecture and mathematics in the time of Sesostri I' in S. Ikram and A. Dodson (eds) *Festschrift for Barry J. Kemp*, American University in Cairo Press

Lectures, Seminars and Conferences

December 2007

Imhausen, A. 'Transmission of mathematical knowledge from Mesopotamia to Egypt: a procedure from demotic BM10399 in comparison with its hieratic and Mesopotamian predecessors', 3rd London Ancient Science Conference, University College London

Shelley Innes

Publications

Books

Innes, S. (edited with F. Burkhardt and the Darwin Correspondence Project) (2008) *The Correspondence of Charles Darwin* vol. 16, parts I and II, Cambridge University Press

Reviews

Innes, S. Review of M. di Gregorio, *From Here to Eternity: Ernst Haeckel and Scientific Faith, Religion, Theology, and Natural Science*, vol. 3, in *Journal of the History of Biology* 39 (2006), 214-216

Lectures, Seminars and Conferences

October 2007

Innes, S. 'From printed page to podcast: bringing Darwin's letters to the world stage', *To Publish Scientific Correspondence*, symposium arranged by the Swedish Linnaeus Society at the Swedish Academy of Sciences, Stockholm

July 2008

Innes, S. 'Beauty and the seed', Darwin Bicentenary launch, Morison Rooms, Cambridge University Library

Nick Jardine

Nick Jardine served as Departmental Director of Graduate Studies, and as a member of the Botanic Garden Syndicate and of the General Board Library Committee. 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. He has played a part in the organisation of the Latin and Greek Therapy Groups, the Cabinet of Natural History, and the new History and Theory Reading Group. The British Academy and the CNRS have continued to support 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). A new project with Sachiko Kusakawa, Liba Taub and Isabelle Pantin (Paris-X), ‘Diagrams, Figures and the Transformation of Astronomy’, has been set up with AHRC funding.

Publications

Books

Jardine, N. and Segonds, A. (2008) *La guerre des astronomes. Vol. I, La querelle au sujet de l'origine du système géohéliocentrique à la fin du XVIe siècle. Vol. II/1, Le Contra Ursum de Jean Kepler: Introduction et textes préparatoires. Vol II/2, Le Contra Ursum de Jean Kepler: Édition critique, traduction et notes*, Paris: Les Belles Lettres

Articles in books

Jardine, N. (2008) ‘Higher fungi (agarics and boletes) from Thetford Forest and Bradfield Woods, 1988-2006’ in H. Macdonald and F. Reid (eds) *Objects of Natural History*, Department of History and Philosophy of Science, University of Cambridge, 76-89

Articles in journals

Jardine, N. ‘Explanatory genealogies and historical testimony’, *Episteme* 5 (2008), 160-179

Reviews

Jardine, N. ‘World and word’, review of K. Park and L. Daston (eds) *The Cambridge History of Science, Vol. 3: Early Modern Science*, in *Times Literary Supplement*, 14 Sept 2007, 10-11

Jardine, N. ‘Prince Cesi and fungi, not to mention fungifunguli’, review of D. Pegler and D. Freedberg (eds) *The Paper Museum of Cassiano dal Pozzo. Ser. B, Natural History. Fungi*, in *British Journal for the History of Science* 41 (2008), 267-275

In Press

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

Lectures, Seminars and Conferences

February 2008

Jardine, N. ‘Truth to nature: types and individuals’, History and Theory Reading Group, Department of History and Philosophy of Science, University of Cambridge

May 2008

Jardine, N. ‘God’s ideal reader: Kepler and his serious jokes’, Medieval and Early Modern Workshop, Department of History and Philosophy of Science, University of Cambridge

July 2008

Jardine, N., ‘Commentary on session “Kepler’s constellations: bridging the disciplinary divide”’, Three Societies Conference, Oxford

Richard Jennings

Richard Jennings continues to supervise about half of the HPS Part IB students in philosophy of science, and directs the studies of about a third of them. He is also Director of Studies in philosophy for Peterhouse. 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 a course of four lectures on Ethics in/of Physics to the graduate and Part III Physics students. 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 2008 summer school programme, which included examining and marking; and in August and September he taught a course on Darwin to students from the University of California Irvine.

In Press

Reviews

Jennings, R. Review of G. Hunt and M.D. Mehta (eds) *Nanotechnology: Risk, Ethics and Law*, in *SGR/AESR Newsletter*

Jennings, R. Review of R. Dechenne and P. Riley, *GM Contamination – Imports of Food and Feed at Risk*, in *SGR/AESR Newsletter*

Lectures, Seminars and Conferences

October 2007

Introduced and led discussion of the film *Dr Strangelove* for Cambridge University Student Pugwash Society

January 2008

Rapporteur at 'Thought Leadership Debate' sponsored by the BCS at the Royal Society, London

February 2008

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

May 2008

Workshops on Ethical Conduct of Research, Wellcome Trust Sanger Institute

June 2008

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

July 2008

Jennings, R. 'An outline of ethics in science', Jesus College Summer School Course

Peter Jones

Publications

Articles in books

Jones, P.M. (2008) 'Herbs and the medieval surgeon' in P. Dendle and A. Touwaide (eds) *Health and Healing from the Medieval Garden*, The Boydell Press, 162-179

Jones, P.M. (2008) 'University books and the sciences, c.1250-1400' in N. Morgan and R.M. Thomson (eds) *The Cambridge History of the Book in Britain*, vol. II (1100-1400), Cambridge University Press, 453-462

Jones, P.M. (2008) 'The *Tabula Medicinae*: an evolving encyclopedia' in A.S.G. Edwards (ed.) *English Manuscript Studies, 1100-1700*, vol. 14, *Regional Manuscripts, 1200-1700*, British Library, 60-85

In Press

Articles in books

Jones, P.M. (2009) 'Mediating collective experience – the *Tabula Medicinae* (1416-25) as a handbook for medical practice' in B. Nance and E. Glaze (eds) *Between Text and Patient*, Brill

Articles in journals

Jones, P.M. 'Witnesses to medieval medical practice in the Harley Collection', *Electronic British Library Journal* (2008)

Jones, P.M. 'Carrington (and Woolf) in Cambridge, 1928', *Transactions of the Cambridge Bibliographical Society* 13:3 (2008)

Lectures, Seminars and Conferences

November 2007

Jones, P.M. 'Medical literacies and medical culture', VARIENG workshop, Helsinki, Finland

May 2008

Jones, P.M. 'Between complexio and experimentum: tensions in late medieval medical practice', *The Body in Balance: Humoral Theory in Practice*, Osler McGovern Centre of Green College, Oxford

July and August 2008

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

Lauren Kassell

Lauren Kassell has been promoted to a Senior Lectureship. In March she joined the History of Medicine Funding Committee at the Wellcome Trust.

Publications

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

Reviews

Kassell, L. Review of W.J. Hanegraaff (ed.) *Dictionary of Gnosis & Western Esotericism*, in *Isis* 98 (2007), 170-171

Kassell, L. Review of H. Trevor-Roper, *Europe's Physician: The Various Life of Sir Theodore de Mayerne*, in *Renaissance Quarterly* 60 (2007), 996-997

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* 7 (2007), 236-238

In Press

Books

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

Articles in books

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' in *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. 'Death becomes her', 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 *History Workshop Journal* 67 (2009)

Lectures, Seminars and Conferences

November 2007

Kassell, L. 'Astrology, medicine and the English casebook, 1500-1700', at an international conference on *The Importance of Medical History: Transnational and Cross-cultural Perspectives on a Multi-faceted Discipline*, SIES, Mumbai

Kassell, L. 'Quacks and conjurors: the figure of the medical and magical practitioner in Early Modern England', a plenary lecture at *The Apothecary's Chest: Magic, Art and Medication*, University of Glasgow

February 2008

Kassell, L. 'Secrets revealed: alchemical books in Early Modern England', *Secrets and Knowledge: Medicine, Science and Commerce, 1500-1800*, CRASSH, Cambridge

Melanie Keene

Melanie continues her work with the Outreach and Education Committee of the British Society for the History of Science, and the History of Science Section of the British Association for the Advancement of Science. This year's activities have included lurking in graveyards, talking to Welsh schoolchildren about astronomy, and dealing with an overwhelming response to a survey of scientific songs. (Yes, she has heard of Tom Lehrer's 'The Elements'.) With Daniel Friesner, she helped organise the departmental Science and Literature Reading Group. She submits her PhD in September.

Publications

Articles in books

Keene, M. (2008) 'An object in every walk: Gideon Mantell and the art of seeing pebbles' in H. Macdonald and F. Reid (eds) *Objects of Natural History*, Department of History and Philosophy of Science, University of Cambridge, 29-39

Articles in journals

Keene, M. 'Domestic science: making chemistry your cup of tea', *Endeavour* 32 (2008), 16-19.

Keene, M. 'Science in song', *Viewpoint* 86 (June 2008), 1-3

Lectures, Seminars and Conferences

October 2007

Keene, M. 'Candles, soap, and cups of tea: the objects of nineteenth-century chemical education', Departmental Seminar, Division of HPS, University of Leeds

November 2007

Keene, M. 'Making chemistry your cup of tea: nineteenth-century object lessons', History of Science Society Conference, Arlington, VA

February 2008

Keene, M. 'The fossilised fakir', Discussing Popular Science, Imperial College, London

March 2008

Keene, M. 'Every boy & girl a scientist', Masterclass talk for school pupils, Cambridge Science Festival

Keene, M. 'Enchanted objects: the fairy-land of Victorian science', British Society for Literature and Science Conference, Keele University

July 2008

Keene, M. 'How to handle nineteenth-century objects', Three Societies Conference, University of Oxford

September 2008

Keene, M. "'The bare fingers": hands-on education in Victorian Britain', British Association for Victorian Studies Conference, University of Leicester

Participant in 'The Business of Bodies' educational role-play drama, BA Festival of Science, Liverpool

Keene, M. "'The ear of reason": how Mary Roberts heard *Voices from the Woodland*', Victorian Bodies and Things: Victorian Literature and the Matter of Culture conference, University of Oxford

Martin Kusch

In 2007-8 Martin Kusch acted as Part II Manager, as Staff Development Officer, and (from January 2008) as Chairman of the HPS Board. In October 2007 he was offered, and he accepted, the position of 'distinguished visiting fellow' of the Helsinki Collegium for Advanced Studies for the academic year 2008-9. In May 2008 he was elected to the position of external member of the Finnish Academy of Sciences and Letters. He will be on leave 2008-10.

Publications

Articles in books

Kusch, M. (2008) 'Barnes on freedom of the will' in M. Mazzotti (ed.) *Knowledge as Social Order: Rethinking the Sociology of Barry Barnes*, Aldershot: Ashgate, 131-146

In Press

Articles in books

Kusch, M. (2008) 'Niiniluoto on finitism' in S. Pihlström (ed.) *Festschrift for Ilkka Niiniluoto*, University of London Press

Kusch, M. (2009) 'Testimony and the value of knowledge' in A. Millar, A. Haddock and D.H. Pritchard (eds) *Value-Driven Epistemology*, Oxford University Press

Kusch, M. (2009) 'Social epistemology' in H.D. Pritchard (ed.) *The Routledge Handbook in Epistemology*, Routledge

Kusch, M. (2009) 'Answers' in D.H. Pritchard and V.F. Hendricks (eds) *Mainstream and Formal Epistemology: Five Questions*, Automatic Press

Reviews

Kusch, M. Review of L. Daston and P. Galison, *Objectivity*, in *Isis* (2009)

Kusch, M. Review of M. Fricker, *Epistemic Injustice*, in *Mind* (2009)

Lectures, Seminars and Conferences

October 2007

Kusch, M. 'Cardinal Bellarmine and epistemic relativism', conference on *Brecht and Wittgenstein*, Clare Hall, Cambridge

November 2007

Kusch, M. 'Replacement relativism revisited', First European Conference for the Philosophy of Science, Madrid

January 2008

Kusch, M. 'Epistemic relativism defended', Relativism Group, Department of History and Philosophy of Science, University of Cambridge

April 2008

Kusch, M. 'Epistemic relativism defended', Department of Philosophy, University of Alberta, Edmonton

May 2008

Kusch, M. 'Epistemic relativism defended', Department of Philosophy, University of Tilburg

July 2008

Kusch, M. 'Marginalien zum Relativismus', Department of Philosophy, University of Vienna

Kusch, M. 'Reflexivity, relativism, microhistory: three desiderata for historical epistemologies', conference on *What (Good) is Historical Epistemology?*, Max Planck Institute for the History of Science, Berlin

Wang-Yen Lee

Wang-Yen obtained his PhD in July 2008 and has since taken up a postdoctoral fellowship at the Department of Philosophy, National University of Singapore.

Publications

Articles in journals

Lee, W.-Y. 'A pragmatic case against pragmatic scientific realism', *Journal for General Philosophy of Science* 38 (2007), 299-313

In Press

Articles in journals

Lee, W.-Y. 'Does Plantinga's evolutionary argument against naturalism work?', *Religious Studies: An International Journal for the Philosophy of Religion*

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

Lectures, Seminars and Conferences

November 2007

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

July 2008

Lee, W.-Y. 'The conditional nature of reliabilist knowledge undermines the reliabilist solution to the problem of induction', Fifth Ghentian Conference in the Philosophy of Science – *Induction: Historical and Contemporary Approaches*, Ghent University, Belgium

September 2008

Lee, W.-Y. 'The metaphysics of modality and the coherence of scientific models', *Model-Based Representation in Science*, Department of Philosophy and 'Science, Technology and Society' Research Cluster, National University of Singapore

Tim Lewens

Tim Lewens was on sabbatical leave for 2007-8, part of which he spent as a Chercheur Invité at the Institut d'Histoire et de Philosophie des Sciences et des Techniques, Paris. He has completed his editorial work updating the philosophy of biology section of the *Routledge Encyclopedia of Philosophy*, and he remains an Associate Editor of *Studies in History and Philosophy of Biological and Biomedical Sciences*. He continues as a committee member of the British Society for the Philosophy of Science. He won a 2008 Pilkington Prize for teaching excellence.

Publications

Articles in books

Lewens, T. (2007) 'Adaptation' in D. Hull and M. Ruse (eds) *The Cambridge Companion to the Philosophy of Biology*, Cambridge University Press, 1-21

Articles in journals

Lewens, T. 'Taking sensible precautions', *Lancet* 371 (2008), 1992-1993

Online article

Lewens, T. (2008) 'Cultural evolution' in E.N. Zalta (ed.) *The Stanford Encyclopedia of Philosophy* (Fall 2008 Edition) <http://plato.stanford.edu/archives/fall2008/entries/evolution-cultural/>

Reviews

Lewens, T. Review of G. Ferry, *Max Perutz and the Secret of Life*, in *London Review of Books* 29:22 (2007), 19-20

In Press

Articles in books

Lewens, T. (2008) 'The *Origin* and philosophy' in R. Richards and M. Ruse (eds) *The Cambridge Companion to the Origin of Species*, Cambridge University Press, 314-332

Articles in journals

Lewens, T. 'In memoriam: Peter Lipton', *Philosophy of Science* 75 (2008)

Lewens, T. 'Seven types of adaptationism', *Biology and Philosophy* (2009)

Lectures, Seminars and Conferences

November 2007

Lewens, T. 'The perils of Darwinian ethics', Cambridge University Atheists and Agnostics Society, Cambridge

Lewens, T. 'Are there natural inequalities?', Institut d'Histoire et de Philosophie des Sciences et des Techniques, Paris

Lewens, T. 'What's wrong with typological thinking?', Division of History and Philosophy of Science, University of Leeds

February 2008

Lewens, T. 'Charles Darwin: a philosophical naturalist', British Humanist Association, Annual Darwin Day Lecture, UCL

Lewens, T. 'What are natural inequalities?', Department of Philosophy, University of Bristol

April 2008

Lewens, T. 'The risks of enhancement' Swedish/Danish Risk Conference, Luleå, Sweden

May 2008

Lewens, T. 'Foot on natural goodness', *La notion de fonction: des sciences de la vie à la technologie*, Collège de France, Paris

June 2008

Lewens, T. 'Adaptationism and evo-devo', Pitt/Paris Workshop on Adaptationism, Institut d'Histoire et de Philosophie des Sciences et des Techniques, Paris

Lewens, T. 'Evo-devo and typological thinking: an exculpation', Department of Zoology, University of Cambridge

Lewens, T. 'Wimsatt on modularity and technology', Maison de la Recherche, Université Paris-Sorbonne (Paris IV)

September 2008

Lewens, T. 'Natural selection then and now', Evolutionary Perspectives on Epigenesis Conference, University of Bergamo, Italy

Geoffrey Lloyd

Publications

Books

Lloyd, G.E.R. (2007) *Aristoteles* (Spanish translation of *Aristotle: The Growth and Structure of his Thought*), Buenos Aires

Lloyd, G.E.R. (2008) *Las Aspiraciones de la Curiosidad* (Spanish translation of *The Ambitions of Curiosity*, Cambridge 2002), Siglo XXI, Madrid

Articles in books

Lloyd, G.E.R. (2007) 'Towards a taxonomy of controversies and controversiality' in M. Dascal and H.L. Chang (eds) *Traditions of Controversy*, Amsterdam: Benjamins, 3-15

Lloyd, G.E.R. (2008) 'The wife of Philinus or the doctors' dilemma' in D.J. Scott (ed.) *Maieusis: Essays in Ancient Philosophy in Honour of Myles Burnyeat*, Oxford University Press, 335-350

Articles in journals

Lloyd, G.E.R. (2008) 'The ambiguous worlds of Platonism', *Hyperboreus* 12 (2006: published 2008), 113-130

Lectures, Seminars and Conferences

October 2007

Lloyd, G.E.R. 'Emotions in Greek and Chinese thought', Ludwig-Maximilians-Universität Munich

Lloyd, G.E.R. 'Mesopotamian science: how views have changed, my own included', School of Oriental and African Studies, London

November 2007

Lloyd, G.E.R. Workshop on *Les Lieux de Savoirs*, EHESS Paris

February 2008

Lloyd, G.E.R. 'From *Polarity and Analogy* to *Cognitive Variations* via this and that', Classics Speaker Series, Cambridge

March 2008

Lloyd, G.E.R. Workshop on 'What is comparative philosophy?', Wolfson College, Oxford

Lloyd, G.E.R. 'Variaciones cognitivas', four seminars, Fundación Orotava, Tenerife

April 2008

Lloyd, G.E.R. 'Variazioni cognitive', two seminars, Università di Palermo

June 2008

Lloyd, G.E.R. 'Las aspiraciones de la curiosidad', UNED Madrid

July 2008

Lloyd, G.E.R. Symposium Aristotelicum, Aristotle *Metaphysics A*, Leuven

Scott Mandelbrote

Scott Mandelbrote is a Fellow and Director of Studies in History at Peterhouse, where he is also Tutor for Undergraduate Admissions and Perne Librarian. During the academic year 2007-8, he held a Leverhulme Research Fellowship.

Publications

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, 3-24

Mandelbrote, S. (2007) 'Le lieutenant de Dieu et la quête de la tolérance: l'expérience de John Dury (1596-1680)' in Y.-C. Zarka (ed.) *Monarchie et République au 17e siècle*, Presses universitaires de France, 169-192

Mandelbrote, S. (2007) 'Isaac Newton and the exegesis of the Book of Daniel' in K. Bracht and D.S. du Toit (eds) *Die Geschichte der Daniel-Auslegung in Judentum, Christentum und Islam* [Beihefte zur Zeitschrift für die alttestamentliche Wissenschaft, 371], Walter de Gruyter, 351-375

Articles in journals

Mandelbrote, S. 'The uses of natural theology in seventeenth-century England', *Science in Context* 20 (2007), 451-480

Reviews

Mandelbrote, S. Review of M. Schabas, *The Natural Origins of Economics*, in *Isis* 98 (2007), 414-416

Mandelbrote, S. Review of G. Darley, *John Evelyn*, in *American Historical Review* 113 (2008), 247

In Press

Books

Mandelbrote, S. and van der Meer, J. (eds) (2008) *Interpreting Nature and Scripture in the Abrahamic Religions: History of a Dialogue*, 2 vols, E.J. Brill

Articles in books

Mandelbrote, S. (2008) 'Biblical hermeneutics and the sciences, 1700-1900: an overview' in J. van der Meer and S. Mandelbrote (eds) *Interpreting Nature and Scripture in the Abrahamic Religions: History of a Dialogue*, 2 vols, E.J. Brill, vol. 2

Mandelbrote, S. and van der Meer, J. (2008) 'Introduction' in J. van der Meer and S. Mandelbrote (eds) *Interpreting Nature and Scripture in the Abrahamic Religions: History of a Dialogue*, 2 vols, E.J. Brill, vol. 1

Mandelbrote, S. (2009) 'The publishing and distribution of religious books by voluntary associations: from the Society for Promoting Christian Knowledge to the British and Foreign Bible Society' in M.F. Suarez and M.L. Turner (eds) *The Cambridge History of the Book in Britain, Volume 5: 1695-1830*, Cambridge University Press

Lectures, Seminars and Conferences

October 2007

Mandelbrote, S. 'The origins of Newton's heterodoxy reconsidered', Princeton University

Mandelbrote, S. 'New perspectives on Isaac Newton', Yale University

Mandelbrote, S. 'Vossius and the Septagint', University of Amsterdam and Constantijn Huygens Instituut, The Hague

November 2007

Mandelbrote, S. 'English, French and Flemish scholarship and Palmyra', Université libre de Bruxelles

December 2007

Mandelbrote, S. 'Christian Hebraists and the reception of the work of Elias Levita in the seventeenth century', Oxford Centre for Hebrew Studies

March 2008

Mandelbrote, S. 'The posthumous heterodoxy of Thomas Burnet', Oxford University

May 2008

Mandelbrote, S. 'The reception of Newton's works on the Continent', Ruhr-Universität-Bochum

July 2008

Mandelbrote, S. 'Bondage in Babylon: the Bible, freedom of conscience, and ideas of civil liberty in England, 1640-1800', Yale University

Juan Vicente Mayoral de Lucas

I have been a Spanish Ministry of Education and Science Postdoctoral Researcher (Visiting Scholar) at HPS since 1 September 2007 (and until 31 August 2008), and a Research Associate at Darwin College since 5 October 2007.

Publications

Articles in books

Mayoral de Lucas, J.V. (2008) 'Kuhn and Whitehead' in W. Desmond and M. Weber (eds) *Handbook of Whiteheadian Process Thought*, vol. 1, Frankfurt/Lancaster: Ontos Verlag, 537-548

Articles in journals

Mayoral de Lucas, J.V. 'On understanding the scientific mind: a study of Conant's influence on Kuhn', *Paradigmas* 5 (2007)

Mayoral de Lucas, J.V. 'Cómo ser un buen historicista: Thomas Kuhn y el Programa HPS de Princeton', *Daimon: Revista de Filosofía*, Supplement No. 1 (2007), 75-81

Mayoral de Lucas, J.V. 'T.S. Kuhn, C.I. Lewis y el regreso epistémico: la vía no kantiana hacia los paradigmas', *Ludus Vitalis: Revista de Filosofía de las Ciencias de la Vida* 15 (2007), 69-96

In Press

Articles in books

Mayoral de Lucas, J.V. 'Introduction' [to J.D. García Bacca's critical study of A.N. Whitehead's *Process and Reality*, translated into English by E. Norvelle] in A. Van Wyk and M. Weber (eds) *Creativity and Its Discontents: The Response to Whitehead's Process and Reality*, Frankfurt/Lancaster: Ontos Verlag

Articles in journals

Mayoral de Lucas, J.V. 'Intensions, belief and science: Kuhn's early philosophical outlook (1940-45)', *Studies in History and Philosophy of Science*

Lectures, Seminars and Conferences

November 2007

Mayoral de Lucas, J.V. 'Pragmatismo y relativismo: la vía no constructivista', Third International Seminar on Pragmatism and Positivism, University of Castilla-La Mancha, Toledo, Spain

January 2008

Mayoral de Lucas, J.V. 'Boghossian on relativism and epistemic justification', Relativism Group, Department of History and Philosophy of Science, University of Cambridge

February 2008

Mayoral de Lucas, J.V. "'Dear Tom, Dear Richard": the Kuhn-Rorty exchange (1976-86)', Darwin College Humanities Group, Cambridge

Anita McConnell

I have been assisting the Whipple Museum with retrospective documentation and adding to display labelling.

Publications

Books

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

Articles in books

McConnell, A. and Savours, A. (2007) 'Journal kept by Midshipman Joseph Henry Kay during the voyage of HMS *Chanticleer*, 1828-1831' in *Four Travel Journals*, third series, no. 18. Ashgate for the Hakluyt Society, 253-327

McConnell, A. (2007) 'L.F. Marsigli', 'W. Thomson, Baron Kelvin' and 'Weights and measures' in J.B. Hattendorf (ed.) *The Oxford Encyclopedia of Maritime History*, Oxford University Press

Articles in journals

McConnell, A. 'Obituary: Christian Carpine, 1933-2007', *Bulletin of the Scientific Instrument Society*, no. 94 (2007), 47

McConnell, A. 'In memoriam: Christian Carpine – a tribute', *History of Oceanography Newsletter*, no. 19 (2007), 48-49

Marney, P. and McConnell, A. 'Weighted marine barometers', *Bulletin of the Scientific Instrument Society*, no. 96 (2008), 10-13

Reviews

McConnell, A. Review of S. Dumont, *Un astronome des lumières: Jérôme Lalande*, in *Journal of Astronomical History and Heritage* 11 (2008), 80-81

Lectures, Seminars and Conferences

January 2008

McConnell, A. 'The scientific apparatus employed on the voyage of HMS *Chanticleer* in 1828', Department of Maritime Studies, University of Exeter

June 2008

McConnell, A. and Carpine-Lancre, J. 'Prince Albert I of Monaco and J.Y. Buchanan: Mediterranean investigations', ICHO VIII (International Congress for the History of Oceanography), Stazione Zoologica Anton Dohrn, Naples

September 2008

McConnell, A. "'Storm warning": the marine barometer as a guide to seafarers', 3ème congrès, Société française d'histoire des sciences et techniques, Paris

Raymond Mercier

Work on the critical edition of Ptolemy's *Handy Tables* continues, in collaboration with Anne Tihon, Université Catholique of Louvain la Neuve, Belgium. In September the first fascicule goes to the publisher Peeters (Leuven, Belgium). Further fascicules are in preparation.

I contributed the character *Greek zero sign* (U+10186) to Unicode 5.0. The proposal can be read on my website www.raymondm.co.uk.

Publications

Articles in books

Mercier, R. (2007) Articles on Jacob ben Makîr (Don Profeït Tibbon) and Shams al-Dîn al-Bukharî in T. Hockey et al. (eds) *Biographical Encyclopedia of Astronomy*, Springer

Lectures, Seminars and Conferences

February 2008

Mercier, R. 'Indian astronomy', Ancient India and Iran Trust, Cambridge

Iris Montero Sobrevilla

Iris organised the History of Science Workshop seminars at HPS in 2008, and was part of the organising committee of the Society for Latin American Studies' postgraduate conference to be held in Cambridge in 2009. She coordinates the Short Story Workshop of the Cambridge University Mexican Society.

Lectures, Seminars and Conferences

February 2008

Montero Sobrevilla, I. 'Transatlantic hum: Mexican hummingbirds and the French encyclopaedic project', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

March 2008

Montero Sobrevilla, I. 'European categories and Creole science: Alzate responds to the *Encyclopédie Méthodique*', Mexico and the Enlightenment symposium, University of Warwick, Warwick Venice Centre

May 2008

Montero Sobrevilla, I. 'The peripheral/postcolonial standpoint', History and Theory Reading Group, Department of History and Philosophy of Science, University of Cambridge

June 2008

Montero Sobrevilla, I. “‘And with thunder it awakens’”: early modern notions of hummingbird torpor’, *On the Fringes of Science? Natural Knowledge and its Practitioners in Early Modern Europe, 1450-1650* conference, All Souls College, Oxford

James Moore

Publications

Articles in books

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

Moore, J. (2008) ‘Foreword’ in R. Colp, Jr, *Darwin’s Illness*, Gainesville: University Press of Florida

In Press

Books

Moore, J. and Desmond, A. (2009) *Darwin’s Sacred Cause: Race, Emancipation and the Quest for Human Origins*, Allen Lane

Articles in books

Moore, J. (2009) ‘Creationism’ in D. Patte (ed.) *Cambridge Dictionary of Christianity*, Cambridge University Press

Moore, J. (2009) ‘Darwin, Charles Robert’ in D. Patte (ed.) *Cambridge Dictionary of Christianity*, Cambridge University Press

Moore, J. (2009) ‘Evolution and Christianity’ in D. Patte (ed.) *Cambridge Dictionary of Christianity*, Cambridge University Press

Moore, J. (2009) ‘Foreword’ in F.W. Nicholas and J.M. Nicholas, *Charles Darwin in Australia*, Anniversary Edition, Cambridge University Press

Moore, J. (2009) ‘Myth 16: That evolution destroyed Charles Darwin’s faith in Christianity – until he reconverted on his deathbed’ in R.L. Numbers (ed.) *Galileo Goes to Jail and Other Myths about Science and Religion*, Harvard University Press

Moore, J. (2009) ‘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. (2009) ‘Wallace in wonderland’ in C. Smith (ed.) *Natural Selection and Beyond: The Intellectual Legacy of Alfred Russel Wallace*, Oxford University Press

Moore, J. and Paul, D. (2009) ‘The Darwinian context: evolution and inheritance’ in A. Bashford and P. Levine (eds) *The Handbook of the History of Eugenics*, Oxford History Handbooks, Oxford University Press

Lectures, Seminars and Conferences

February 2008

Darwin Familiarisation Colloquium, for Darwin200, Natural History Museum, London

May 2008

Moore, J. ‘Darwin and evidence’, staff briefing, Natural History Museum, London

July 2008

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

Lisa Mullins

Lectures, Seminars and Conferences

June 2008

Mullins, L. ‘Mathematics for God, King, and Country: Fontenelle’s éloges at the Académie Royale des Sciences’, Annual Meeting of the Canadian Society for the History and Philosophy of Mathematics, University of British Columbia

Mullins, L. ‘Making science history: Fontenelle and the Histoire et Mémoires of the Académie Royale des Sciences’, Annual Meeting of the Canadian Society for the History and Philosophy of Science, University of British Columbia

July 2008

Mullins, L. 'For God, King, and Country: Fontenelle's éloges at the Académie Royale des Sciences', Sixth Joint Meeting of the BSHS, CSHPS and HSS, Keble College, Oxford

Ayesha Nathoo

Ayesha Nathoo started a three-year Research Fellowship at Clare Hall, Cambridge in October 2007. During 2007-08 she lectured for Part II Paper 8, co-organised the History of Modern Medicine seminars, and was an MPhil supervisor and Part II examiner.

In Press

Books

Nathoo, A. (2009) *Hearts Exposed: Transplants and the Media in 1960s Britain*, Palgrave Macmillan.

Articles in journals

Nathoo, A. 'Face transplantation: learning from the heart', *Wellcome History* 39 (2008), Winter issue feature article

Lectures, Seminars and Conferences

November 2007

Nathoo, A. "'A year of resurrection, a year of grotesque horror": heart transplants and the media in 1968', Departmental Seminar, History and Philosophy of Science, University of Cambridge

June 2008

Discussant with Professor Lesley Sharp at symposium on *Strange Harvest: Organ Transplants, Denatured Bodies and the Transformed Self* (Sharp 2006), Trinity College, Cambridge

Signe Nipper Nielsen

Signe Nipper Nielsen has together with Nick Jardine and Marina Frasca-Spada established and convened the new History and Theory Reading Group in 2007-2008. She is a member of the Cambridge Interdisciplinary Reproduction Forum (CIRF) committee, and in November 2007 she co-organised the CIRF interdisciplinary workshop on reproduction at CRASSH with Nick Hopwood. She has been a visiting PhD student at the Medical Museion, University of Copenhagen, in July and August 2008 and a visiting PhD student at the Saxo Institute, Section of History, University of Copenhagen, in September and beginning of October 2008.

Lectures, Seminars and Conferences

October 2007

Nielsen, S.N. 'History and empathy', History and Theory Reading Group, Department of History and Philosophy of Science, University of Cambridge

Nielsen, S.N. Commenting on the special exhibition 'Ægløsninger', on reproductive technologies, 'At få børn med teknologien: Steno Museets særudstilling til debat' ('Reproducing with technology: debating the special exhibition at the Steno Museum'), symposium at the Danish National Museum for the History of Science and Medicine, Steno Department for Studies of Science and Science Education, University of Aarhus, Denmark

November 2007

Nielsen, S.N. 'The concept of the early modern "foetus"', Interdisciplinary Workshop on Reproduction, Centre for Research in the Arts, Social Sciences and Humanities, University of Cambridge

April 2008

Nielsen, S.N. 'Foetuses and wondrous births in Early Modern Denmark', American Association of the History of Medicine 81st Annual Meeting, Rochester, New York

September 2008

Nielsen, S.N. 'Thomas Bartholin and uncertain birth products in the 17th century', *Text and Image in Early Modern Society* graduate conference, University of Sussex

Richard Noakes

Richard Noakes, a lecturer in history at the University of Exeter's Cornwall Campus, and an associate member of HPS, spent much of this year setting up teaching modules in a new history department. He was successful in his bid to secure a large award from the AHRC for 'Connecting Cornwall: Telecommunications, Locality and Work in West Cornwall, 1870-1918', a collaborative research project with the University of Exeter and the Porthcurno Telegraph Museum.

Publications

Articles in journals

Noakes, R. 'The "world of the infinitely little": connecting physical and psychical realities in Britain c.1900', *Studies in History and Philosophy of Science* 39 (2008)

Noakes, R. 'The historiography of psychical research: lessons from histories of the sciences', *Journal of the Society for Psychical Research* 72 (2008), 65-85

In Press

Reviews

Noakes, R. Review of R. Higgitt, *Recreating Science: Newtonian Biography and the Making of Nineteenth-Century History of Science*, in *Victorian Studies*

Noakes, R. Review of B. Lightman, *Victorian Popularisers of Science: Designing Nature for New Audiences*, in *Journal of Historical Geography* (2009)

Noakes, R. Review of *The English Mechanic and World of Science*, vols 1-124 on 14 DVDs, in *British Journal for the History of Science* (December 2008)

Lectures, Seminars and Conferences

July 2008

Noakes, R. 'The "borderland of physics and psychology": late nineteenth-century psychical research and the classification of the sciences', meeting of the BSHS, CSHS, and HSS, Keble College, Oxford

Alison Pearn

Assistant Director, Darwin Correspondence Project

Publications

Books

Burkhardt, F., Evans, S. and Pearn, A.M. (eds) (2008) *Evolution: Selected Letters of Charles Darwin, 1860-1870*, Cambridge University Press

Pearn, A.M. (edited with F. Burkhardt and the Darwin Correspondence Project) (2008) *The Correspondence of Charles Darwin* vol. 16, parts I and II, Cambridge University Press

Reviews

Pearn, A.M. 'At home with the Darwins', in 'Origin: the definitive guide to the book that changed the world', *The Guardian* (supplement), 9 February 2008

Lectures, Seminars and Conferences

September 2007

Pearn, A.M. 'Read the book? Now see the podcast. Bringing Darwin's letters to the world stage', *Editing the Victorians* conference at De Montfort University, Leicester

February 2008

Pearn, A.M. 'The Darwin Bicentenary: hagiography and how to avoid it', Darwin Industries conference, Aarhus Universitet, Denmark

April 2008

With Craig Baxter, led a workshop on dramatising Darwin's correspondence at 'Taking science to the stage: theatre, outreach and communication', one-day seminar held by the Aarhus Network for Science, Technology and Medicine Studies

Martin Peterson

Martin Peterson has completed both his books (see below) and published a couple of articles.

Publications

Books

Peterson, M. (2008) *Non-Bayesian Decision Theory*, Berlin: Springer

Articles in journals

Peterson, M. 'Parity, clumpiness, and rational choice', *Utilitas* 19 (2007), 505-513

Peterson, M. 'The moral importance of selecting people randomly', *Bioethics* 22 (2008), 321-327

Peterson, M. and Espinoza, N. 'Incomplete preferences in disaster risk management', *International Journal of Technology, Policy and Management* 8 (2008), 341-358

In Press

Books

Peterson, M. (2009) *An Introduction to Decision Theory*, Cambridge University Press

Katy Price

I was on research leave from Anglia Ruskin from September 2007 to June 2008, with an AHRC Research Leave Award for the second semester. During this period I was a visiting scholar at the University of Sheffield, hosted by the Department of English Literature and the Humanities Research Institute. The year was spent completing a book manuscript on Einstein in popular culture.

Publications

Articles in journals

Price, K. 'On the back of the light waves: novel possibilities in the "Fourth Dimension"', *Essays and Studies* (2008), 91-110

Lectures, Seminars and Conferences

October 2007

Price, K. 'Einstein for the tired business man', Publishing Science Seminar Series (Open University's Book History and Bibliography Research Group), Institute of English Studies, University of London

February 2008

Price, K. 'Einstein's relativity and the labour of readers', Discussing Popular Science, Science Communication Group, Imperial College London

Price, K. 'Mass culture, modernism and popular physics', Department of English, University of Keele

Rob Ralley

Publications

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, 24-46

In Press

Books

Ralley, R. (2009) *Magic: A Beginner's Guide*, Oneworld

Lectures, Seminars and Conferences

July 2008

Ralley, R. 'Animals, vegetables, minerals and demons in late medieval magic', International Medieval Congress, University of Leeds

Jennifer Rampling

Jenny was awarded the 2008 Partington Prize by the Society for the History of Alchemy and Chemistry (SHAC), and co-opted to the SHAC Council as its first student representative. She is a research associate of the Wellcome Trust Centre for the History of Medicine at UCL, and in 2008-9 will be a Roy G. Neville Fellow at the Chemical Heritage Foundation, Philadelphia. She continued to organise the weekly Latin Therapy seminars for 2007-8, and co-convened the twice-termly Medieval and Early Modern Interdisciplinary Workshops (M&EM), hosted by CRASSH and HPS and supported by the Society for Renaissance Studies. This year she also took the opportunity to improve her rusty German with the Certificate course in the Department of Modern and Medieval Languages.

Publications

Articles in journals

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

Reviews

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

In Press

Articles in books

Rampling, J.M. (2008) 'George Ripley and alchemical consensus' in *Proceedings of the Sixth International Conference on the History of Chemistry*, Leuven

Articles in journals

Rampling, J.M. 'Establishing the canon: George Ripley and his alchemical sources,' *Ambix* 55 (2008)

Reviews

Rampling, J. Review of A. Kavey, *Books of Secrets: Natural Philosophy in England 1550-1600*, in *Ambix* 55 (2008)

Rampling, J. Review of S.J. Linden (ed.) *Mystical Metal of Gold: Essays on Alchemy and Renaissance Culture*, in *Modern Language Review* 104 (2009)

Rampling, J. Review of T. Nummedal, *Alchemy and Authority in the Holy Roman Empire*, in *Technology and Culture* 50 (2009)

Lectures, Seminars and Conferences

October 2007

Rampling, J. 'A medieval and early modern toolkit', Research Topics and Resources Seminar, Department of History and Philosophy of Science, University of Cambridge

Rampling, J. 'Alchemy and medicine', Pembroke College, Cambridge

February 2008

Rampling, J. 'Making sense of medieval alchemy', Graduate Research Forum, Clare College, Cambridge

April 2008

Rampling, J. 'Cracking alchemical codes', St Catharine's College, Cambridge

May 2008

Rampling, J. 'Reinventing Ripley's alchemy, 1471-1652', History of Chemistry seminar, Maison Française d'Oxford and University of Oxford Faculty of History

June 2008

Rampling, J. 'Transmuting texts: authority and experience in sixteenth-century alchemy,' *On the Fringes of Science: Natural Knowledge and its Practitioners in Early Modern Europe, 1450-1650* conference, All Souls College, Oxford

Rampling, J. 'Cracking alchemical codes', Christ's, Homerton and Jesus Colleges, Cambridge

Rampling, J. 'The sceptical alchemist', Vice-Chancellor's summer reception, Cambridge

September 2008

Rampling, J. 'The universal solvent: George Ripley and European alchemy', *Chymia: Science and Nature in Early Modern Europe (1450-1750)* international conference, El Escorial, Madrid

Michael Redhead

In 2008 Professor Redhead was awarded a Leverhulme Trust Emeritus Fellowship and appointed a trustee of the Archive Trust for Research in Mathematical Sciences and Philosophy.

Publications

Articles in journals

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

In Press

Books

Redhead, M., Debs, T. and Groom, S. *God, Belief and Explanation*, Harvard University Press

Articles in books

Redhead, M. 'The vacuum in antiquity and in modern physics' in *Bell Festschrift*

Nicky Reeves

Lectures, Seminars and Conferences

November 2007

Reeves, N. 'The difficulties of telling history through objects: some thoughts on the display of astronomical and navigational instruments in museums', National Maritime Museum, Greenwich

July 2008

Reeves, N. 'Moving things around and moving around things: travel and the construction of the zenith sector telescope', Sixth Three Societies Conference: *Connecting Disciplines* (joint meeting of the British Society for the History of Science, the Canadian Society for the History and Philosophy of Science and the History of Science Society), Keble College, Oxford

Frances Reynolds

Since September 2007 I have worked part-time as a Research Fellow on the five-year AHRC-funded project *The Geography of Knowledge in Assyria and Babylonia: A Diachronic Comparison of Four Scholarly Libraries, c.700-200 BC*. My other posts include the Shillito Fellowship in Assyriology at the Oriental Institute, University of Oxford. In December I was re-elected as Chair of the Development Committee of the British Institute for the Study of Iraq.

Publications

Websites

Clancier, P., Cunningham, G., Reynolds, F.S., Robson, E. and Tinney, S.J. (2007-) *The Geography of Knowledge in Assyria and Babylonia: A Diachronic Analysis of Four Scholarly Libraries*, <http://cdl.museum.upenn.edu/gkab/>, Universities of Cambridge and Pennsylvania

Articles in books

Reynolds, F.S. (2007) 'Food and drink in Babylonia' in G. Leick (ed.) *The Babylonian World*, Routledge, 171-184

Articles in journals

Reynolds, F.S. 'Luxury goods in the Ancient Near East', *Antiquity* 81 (2007), 4-6

In Press

Articles in books

- Reynolds, F.S. (2009) 'A divine body: new joins in the Sippar Collection' in H.D. Baker, E. Robson and G.G. Zólyomi (eds) *Your Praise is Sweet: A Memorial Volume for Jeremy Black from Students, Colleagues, and Friends*, British Institute for the Study of Iraq
- Reynolds, F.S. (2009) 'Upaqa-ana-Arbail', 'Upaqa-ana-Aššur', 'Upaqa-ana-Bel', 'Upaqa-ana-Issar', 'Upaqa-ana-Samaš', 'Upaqa-ana-...', 'Upaqa-...', 'Upaqu', 'Urkittu-abu-usri', 'Urkittu-aiali', 'Urkittu-ana-denia', 'Urkittu-belu-usri', 'Urkittu-duri', 'Urkittu-haiiau', 'Urkittu-hammāt', 'Urkittu-ila'i', 'Urkittu-ilu', 'Urkittu-le'at', 'Urkittu-lurši', 'Urkittu-qali', 'Urkittu-reminni', 'Urkittu-rišat', 'Urkittu-šarru-usri', 'Urkittu-taddina', 'Urkittu-tadinat', 'Urkittu-tašmanni', 'Urkittu-usri', 'Urkittu-...', 'Zababa-ahu-usur', 'Zababa-dan', 'Zababa-ereš' in H.D. Baker (ed.) *The Prosopography of the Neo-Assyrian Empire 3/II: Š-Z*, Helsinki: Neo-Assyrian Text Corpus Project

Lectures, Seminars and Conferences

February 2008

- Reynolds, F.S. 'The Sumerians: Iraq's first civilization', Organizer and Chair, British Institute for the Study of Iraq and Birkbeck College Study Day, University of London

Eleanor Robson

In September I began a five-year AHRC-funded research project, *The Geography of Knowledge in Assyria and Babylonia: A Diachronic Comparison of Four Scholarly Libraries, c.700-200 BC*. The project's co-director is Professor Steve Tinney of the University of Pennsylvania, and its researchers are Philippe Clancier, Graham Cunningham and Frances Reynolds, who are based here in Cambridge.

Publications

Books

- Robson, E. (2008) *Mathematics in Ancient Iraq: A Social History*, Princeton University Press

Websites

- Clancier, P., Cunningham, G., Reynolds, F.S., Robson, E. and Tinney, S.J. (2007–) *The Geography of Knowledge in Assyria and Babylonia*, <http://cdl.museum.upenn.edu/gkab>, Universities of Cambridge and Pennsylvania

Articles in books

- Robson, E. (2008) 'Numeracy' in T. Gowers and J.E. Barrow-Green (eds) *The Princeton Companion to Mathematics*, Princeton University Press, 983-991
- 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, 413-426; Italian translation 427-441
- 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, 440-461
- Robson, E. (2007) 'Literacy, numeracy, and the state in early Mesopotamia' in K. Lomas, R.D. Whitehouse and J.B. Wilkins (eds) *Literacy and the State in the Ancient Mediterranean*, Accordia Research Institute, 37-50
- Robson, E. (2007) 'Mathematics, metrology, and professional numeracy' in G. Leick (ed.) *The Babylonian World*, Routledge, 414-427
- 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

Articles in journals

- Robson, E. 'Mesopotamian medicine and religion: current debates, new perspectives', *Religion Compass* 3 (2008), 455-483, <http://www.blackwell-compass.com/subject/religion/>

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), 806-807
- Robson, E. 'THE Book of the Week', review of P.G. Stone and J. Farkhach Bajjalý (eds) *The Destruction of Cultural Heritage in Iraq*, in *Times Higher Education*, 31 July 2008, 44-45

In Press

Books

Robson, E. and Stedall, J.A. (eds) (2008) *The Oxford Handbook of the History of Mathematics*, Oxford University Press

Articles in books

Robson, E. (2008) 'Clay mathematics: Euclid's Babylonian contemporaries' in J. Carlson (ed.) *Euclid and his Heritage*, Clay Mathematics Institute and the American Mathematical Society

Robson, E. (2008) 'Solitary heroes or scholarly communities? On Sumerian literature and its practitioners' in R. Enmarch and V.M. Lepper (eds) *Ancient Egyptian Literature: Theory and Practice* (Proceedings of The British Academy), Oxford University Press

Robson, E. and Ohgama, N. (2009) 'Scribal schooling in Old Babylonian Kish' in H.D. Baker, E. Robson and G.G. Zólyomi (eds) *Your Praise is Sweet: A Memorial Volume for Jeremy Black from Students, Colleagues and Friends*, British Institute for the Study of Iraq

Robson, E. (2009) 'Empirical scholarship in the Neo-Assyrian court' in G. Selz and M. Jursa (eds) *Assyriology and Empirical Science*, Vienna

Articles in journals

Robson, E. and Clark, K. (2008) 'The cuneiform tablet collection at Florida State University', *Cuneiform Digital Library Journal*, <http://cdli.ucla.edu/pubs/cdlj.html>

Clark, K. and Robson, E. (2008) 'Ancient accounting in the modern mathematics classroom', *BSHM Bulletin* 23:3

Reviews

Robson, E. Review of Z. Bahrani, *Rituals of War: The Body and Violence in Mesopotamia*, in *Times Literary Supplement* (2008)

Robson, E. Review of W.G. Lambert, *Babylonian Oracle Queries*, in *Bulletin of the School of Oriental and African Studies* 71 (2008)

Robson, E. Review of C. Proust, *Tablettes mathématiques de Nippur*, in *Annals of Science* 66 (2009)

Lectures, Seminars and Conferences

September 2007

Robson, E. and Stedall, J.A. 'Editing the *Oxford Handbook of the History of Mathematics*', Oxford History of Mathematics Colloquium, University of Oxford

October 2007

Robson, E. 'Patronage, priests, and politics: contexts of Mesopotamian scholarship', *Mesopotamia and the History of Science* seminar series (series co-organised with Andrew George), School of Oriental and African Studies

February 2008

Robson, E. 'The three S's: signs, sums and Sumerian in an ancient scribal school', *The Sumerians* study day, Birkbeck College

June 2008

Robson, E. 'Current debates in Babylonian mathematics', TOPOI Senior Fellow's Seminar, Freie Universität Berlin

Robson, E. 'The geography of knowledge in Assyria and Babylonia: Assyriology meets history of science', TOPOI Senior Fellow's Lecture, Freie Universität Berlin

July 2008

Robson, E. 'Scholarship and power: geographies of knowledge in the first millennium BC', *Rencontre Assyriologique Internationale*, Universität Würzburg

Leon Rocha

Leon Rocha was a visiting PhD student at the Department of Chinese Language and Literature of Shanghai Fudan University from August to November 2007. He was hosted by Professor Yuan Jin, and conducted research at the Shanghai Library, the Shanghai Municipal Archives, and the National Library of China in Beijing. He was also the founder of the Modern China Reading Group (MCRG), which was supported by the Centre for Research in the Arts, Social Sciences and Humanities (CRASSH) in Cambridge.

Lectures, Seminars and Conferences

February 2008

Rocha, L.A. 'Zhang Jingsheng and the "sexual field" in 1920s China', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

March 2008

Rocha, L.A. 'Medical advertisements in the *Shenbao*, 1920s', Translations and Transformations: China, Modernity and Cultural Transmission Workshop 1, CRASSH, University of Cambridge

April 2008

Rocha, L.A. 'Zhang Jingsheng's Utopia', 81st Annual Meeting of the American Association for the History of Medicine, Rochester, New York

May 2008

Rocha, L.A. 'Xing is sex and human nature: the discourse of sex in China in the 1920s', Postgraduate Seminar, Birkbeck Institute for Gender and Sexuality, University of London

June 2008

Rocha, L.A. 'Zhang Jingsheng's *Sex Histories (Les Chroniques de la vie sexuelle de Zhang Jingsheng)*', Annual Meeting of the Canadian Society for the History of Medicine, University of British Columbia, Vancouver

Rocha, L.A. 'The many faces of "Mr Science" in China: the "science and philosophy of life debate"', Annual Conference of the Canadian Society for the History and Philosophy of Science, University of British Columbia, Vancouver

July 2008

Rocha, L.A. 'Sex and revolution in 1920s urban China', 12th International Conference on the History of Science in East Asia, Johns Hopkins University, Baltimore

Martin Rudwick

Professor Emeritus of History of Science, University of California, San Diego

Martin Rudwick was awarded the 2007 Sarton Medal of the History of Science Society; this is the first time that the Society's highest award has been given to a British historian of science since Sir Geoffrey Lloyd received it in 1987. He was also awarded the Prix Eugène Wegmann of the Société Géologique de France, and was elected a Fellow of the British Academy.

Publications

Books

Rudwick, M.J.S. (2008) *Worlds Before Adam: The Reconstruction of Geohistory in the Age of Reform*, University of Chicago Press

In Press

Articles in books

Rudwick, M.J.S. (2008) 'Biblical flood and geological deluge: the amicable dissociation of geology and Genesis' in M. Kölbl-Ebert and B. Fischer (eds) *Geology and Religion: Historical Views of an Intense Relationship Between Harmony and Hostility*, The Geological Society, London

Rudwick, M.J.S. (2009) 'The early Geological Society in its international context' in S. Knell and C. Lewis (eds) *The First Geological Society: The Geological Society of London*, The Geological Society, London

Lectures, Seminars and Conferences

October 2007

Rudwick, M.J.S. 'Conybeare and the Geological Society's debates in the 1820s and 1830s', Symposium on William Daniel Conybeare (1787-1857), Leeds Humanities Research Institute, University of Leeds

November 2007

Rudwick, M.J.S. 'On taking the "geological deluge" seriously; or, geology without Genesis', annual meeting of the History of Science Society, Washington D.C.

Rudwick, M.J.S., leader, historical geological field-trip, 'The Isle of Wight, as unravelled by early Society members', bicentennial conference of the Geological Society of London

Rudwick, M.J.S. 'The early Geological Society in its international context', keynote address, *Founding Fathers of the Geological Society of London* (bicentennial conference), London

April 2008

Rudwick, M.J.S. 'Deluc on geohistory and the historicity of Genesis', workshop on 'Jean-André Deluc (1727-1817) and the emergence of modern science', Musée Voltaire, and European Institute, Université de Genève

May 2008

Rudwick, M.J.S. '4004 BC and all that: the historicizing of nature in the science of geology', first annual 'Capstone' lecture, History of Science Department, Harvard University

June 2008

Rudwick, M.J.S. 'La géologie sans le Genèse: prendre sérieusement le "déluge géologique" du 19e siècle', Comité Français d'Histoire de la Géologie, Paris

July 2008

Rudwick, M.J.S. 'The reconstitution of the sciences of the earth around 1800', symposium on *The Birth of the Sciences in the Age of Revolutions?*, Three Societies joint meeting, Oxford

Christine F. Salazar

Publications

Books

Salazar, C.F. (editor-in-chief) (2007) *Brill's New Pauly*, vol. XI (Phi-Pro), Leiden: Brill

Salazar, C.F. (editor-in-chief) (2008) *Brill's New Pauly*, vol. XII (Prol-Sar), Leiden: Brill

Salazar, C.F. (editor-in-chief) (2008) *Brill's New Pauly*, vol. XIII (Sas-Syl), Leiden: Brill

In Press

Articles in books

Salazar, C.F. (2007) 'Caring for the sick and wounded' in B. Campbell and L. Tritle (eds) *The Oxford Handbook of Warfare in the Classical World*, Oxford University Press, ch. III.8

Lectures, Seminars and Conferences

December 2007, January 2008

Two seminars (Hippocratics and Galen) for the 'Reading group: Medieval and Early Modern Medical Texts', Medizinische Universität Wien, Vienna, Austria

March 2008

Salazar, C.F. 'Paul of Aegina on venomous animals', *The 'Missing Link': Medicine in Late Antiquity and the Early Middle Ages* (workshop), Cambridge

May 2008

Participation in the workshop 'Tandheelkunde in de Grieks-Romeinse Oudheid' ('Dentistry in Greco-Roman Antiquity'), held by the Werkgezelschap Antieke Geneeskunde, University of Leiden, The Netherlands

Simon Schaffer

In January 2008 Simon Schaffer was the Harry Camp Lecturer at the Stanford Humanities Center, while in February–March 2008 he was an invited visitor at the Centre Koyré, EHESS, Paris.

Publications

Books

Roberts, L., Schaffer, S. and Dear, P. (eds) (2007) *The Mindful Hand: Inquiry and Invention from the Late Renaissance to Early Industrialisation*, Edita/Chicago

Articles in books

Schaffer, S. (2007) 'The charter'd Thames: naval architecture and experimental spaces in Georgian Britain' in L. Roberts, S. Schaffer and P. Dear (eds) (2007) *The Mindful Hand: Inquiry and Invention from Late Renaissance to Early Industrialisation*, Edita/Chicago, 279-305

Schaffer, S. (2007) 'Instruments, surveys and maritime empire' in D. Cannadine (ed.) *Empire, the Sea and Global History: Britain's Maritime World, c.1763–c.1840*, Palgrave Macmillan, 83-104

Articles in journals

Schaffer, S. (2008) 'Himmlische Mächte', *Bildwelten des Wissens* 5 (2008), 40-49

Lectures, Seminars and Conferences

October 2007

Schaffer, S. 'Asiatic enlightenment and British myth', Distinguished Visiting Speaker Series, Glasgow University Arts and Humanities Graduate School

December 2007

Schaffer, S. 'Information order in the scientific revolution', Department of History and Welsh History, Aberystwyth University

Schaffer, S. 'Public experiments and trials of social order', Institute for the Study of Science, Technology and Innovation, Edinburgh University

January 2008

Schaffer, S. 'Newton on the beach' and 'Newton on the Ganges', Harry Camp Lecture Series, Stanford Humanities Center

Schaffer, S. 'Hill stations and imperial sciences', Faculty of Humanities and Social Sciences, University of Exeter, Cornwall campus

February 2008

Schaffer, S. 'What's the colour of light?', Science Gallery, Trinity College Dublin

Schaffer, S. 'Newton et Buddha: occidentalisme, orientalisme et astronomie newtonienne' and 'Newton sur la plage: réseaux des savoirs et les *Principia mathematica*', Ecole des Hautes Etudes en Sciences Sociales, Paris

March 2008

Schaffer, S. 'Cosmologie impériale et deuxième révolution scientifique', Centre Koyré, Paris

Latour, B., Karsenti, B. and Schaffer, S., 'The Tarde/Durkheim debate' (directed by F. Ait-Touati), *Tarde/Durkheim: Trajectories of the Social*, University of Cambridge

May 2008

Schaffer, S. 'Go-betweens', International Workshop, CSIC Madrid

June 2008

Schaffer, S. 'Experiments in the Republic of Letters', Department of History, Birkbeck

Schaffer, S., co-organiser, conference on Seriality and Scientific Objects (with Jim Secord and Nick Hopwood), Department of History and Philosophy of Science, University of Cambridge

July 2008

Schaffer, S. 'How disciplines look', plenary lecture, BSHS/CSHPS/HSS Three Societies Meeting: Connecting Disciplines, University of Oxford

Schaffer, S., organiser, 'Scientific voyaging: histories and comparisons', conference, National Maritime Museum and Royal Society, London

Anne Secord

Publications

Articles in journals

Secord, A. 'Obituary: Frederick Henry Burkhardt', *Archives of Natural History* 35 (2008), 176-179

Reviews

Secord, A. Review of D. Jones, *The Botanists and Mountain Guides of Snowdonia*, in *Archives of Natural History* 35 (2008), 185-186

Secord, A. Review of J. Uglow, *Nature's Engraver: A Life of Thomas Bewick*, in *Isis* 99 (2008), 191-192

Lectures, Seminars and Conferences

October 2007

Discussant on panel following performance of Steve Waters' *Out of Your Knowledge* (a play about John Clare's walk out of Essex), The Junction, Cambridge

July 2008

Chair of session on 'Lay participation in the history of scientific observation', The Three Societies Conference: Connecting Disciplines, University of Oxford

Secord, A. 'Nature's "Rejectamenta": seaweeds and the lower orders', paper presented at a workshop on the History of Scientific Observation, Max Planck Institute for the History of Science, Berlin

Jim Secord

Jim Secord was elected a Professorial Fellow at Christ's College in July 2008. As Director of the Correspondence of Charles Darwin, during the past year he has overseen the publication of two volumes of selected letters (*Origins* and *Evolution*) and *Charles Darwin: The Beagle Letters* (Cambridge, 2008), as well as the continuing series of the complete correspondence. He is serving as an academic advisor to the Fitzwilliam Museum exhibition 'Endless Forms', on Darwin and the visual arts, and to the July 2009 Darwin Festival. As one of the principal investigators on the Leverhulme-funded 'Past versus Present' project of the Cambridge Victorian Studies group and the Wellcome-funded 'Generation to Reproduction' project, he also organised several day meetings and seminars.

Publications

Books

Secord, J. (edited with F. Burkhardt and the Darwin Correspondence Project) (2008) *The Correspondence of Charles Darwin*, vol. 16, parts I and II, Cambridge University Press

Articles in journals

Secord, J. (2007) 'How scientific conversation became shop talk', *Transactions of the Royal Historical Society* 17 (2007), 129-156

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), 375-386

Secord, J. Review of D. Knight, *Communicating Science*, in *British Journal for the History of Science* 41 (2008), 144-145

In Press

Books

Secord, J. (ed.) (2008) Charles Darwin, *Evolutionary Writings*, Oxford University Press

Secord, J. (edited with F. Burkhardt and the Darwin Correspondence Project) (2009) *The Correspondence of Charles Darwin*, vol. 17, Cambridge University Press

Articles in books

Secord, J. 'Science, technology and mathematics' in D. McKitterick (ed.) *The Cambridge History of the Book in Britain, vol. 5, 1830-1914*, Cambridge University Press

Lectures, Seminars and Conferences

March 2008

Secord, J. 'Daston and Galison on objectivity', History and Theory Reading Group, Department of History and Philosophy of Science, University of Cambridge

May 2008

Secord, J. 'Life on the moon in the age of reform', Historical Association and York Philosophical Society, York

June 2008

Secord, J. 'Learned pigs and learned societies: conversation and the making of knowledge', *Learned Societies, Associations and Clubs in Nineteenth-Century Europe*, University of Cambridge

Secord, J. 'Closing remarks', workshop on *Seriality and Scientific Objects, 1780-1848*, University of Cambridge

July 2008

Secord, J. 'What we do and why we do it', Darwin Project event, Cambridge University Library

September 2008

Secord, J. 'The laboratory of print: knowledge, communication and history', plenary lecture, Print Culture/STEM Conference, Madison, Wisconsin

Emma Spary

Publications

Articles in books

Spary, E.C. (2008) '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*, Akademie-Verlag

Reviews

Spary, E.C. Review of S. Schmitt (ed.) Georges-Louis Leclerc de Buffon, *Histoire Naturelle, Générale et Particulière, avec la Description du Cabinet du Roy*, in *Isis* (2008)

Spary, E.C. Review of A. Cooper, *Inventing the Indigenous: Local Knowledge and Natural History in Early Modern Europe*, in *History of Science* 46 (2008), 369-370

Spary, E.C. Review of C.A. Wilson, *Water of Life: A History of Wine-Distilling and Spirits, 500 BC–AD 2000*, in *Ambix* 55 (2008), 169

In Press

Books

Spary, E.C. and Klein, U. (eds) (2009) *Between Market and Laboratory: Materials and Expertise in Early Modern Europe, 1500-1800*, University of Chicago Press

Articles in books

Spary, E.C. (2009) 'Liqueurs and the luxury marketplace in eighteenth-century Paris' in U. Klein and E.C. Spary (eds) *Between Market and Laboratory: The Making of Materials in Europe, 1500-1800*, University of Chicago Press

Spary, E.C. and Klein, U. (2009) 'Introduction' in U. Klein and E.C. Spary (eds) *Between Market and Laboratory: The Making of Materials in Europe, 1500-1800*, University of Chicago Press

Spary, E.C. (2009) 'Self-preservation: French travels between *cuisine* and *industrie*' in K. Raj, L. Roberts and S. Schaffer (eds) *Go-Betweens and Imperial Networks of Knowledge*, Amsterdam: Edita

Lectures, Seminars and Conferences

October 2007

Spary, E.C. 'The trouble with pleasure: utility, idleness and the crafting of French natural knowledge', keynote address at conference *Leisure in the 18th Century*, Hamburg

December 2007

Spary, E.C. 'Going without: shortages, substitutes and public order in Paris, 1794-1812', conference *Befürchtungen des 18. Jahrhunderts*, Internationales Forschungszentrum für Kulturgeschichte, Vienna

January 2008

Spary, E.C. "'French" coffee? Civilisation, cultivation and colonialism from the Levant to the Antilles, 1670-1730', conference *Chillies, Chocolate and Tomatoes: Global Cultures of Food after Columbus*, University of Warwick, Venice

February 2008

Spary, E.C. 'Demands of the marketplace: making, selling and tasting health foods in Paris, 1765-1810', European Social Science History Conference, Lisbon

May 2008

Spary, E.C. 'The potato republic', workshop *New Directions in Eighteenth-Century History*, Indiana University

July 2008

Spary, E.C. 'Économie, governmentality, and the reform of the household in late 18th-century Paris', Three Societies Conference: Connecting Disciplines, Keble College, Oxford

Mark Sprevak

Mark Sprevak organised an international conference, Computation and Cognitive Science, which took place 7–8 July 2008 in King's College, Cambridge. The conference explored philosophical and historical underpinnings of the notion of computation in the cognitive sciences. The format of the conference was selected to encourage productive discussion: all papers pre-circulated and presentations on the day were kept brief. The format worked well, and a special issue of *Studies in History and Philosophy of Science* will appear based on the conference. Mark Sprevak also continues to supervise and lecture for HPS and the Philosophy Faculty, and he directed studies in philosophy for King's College in Lent Term.

Publications

Articles in journals

Sprevak, M.D. 'Chinese rooms and program portability', *British Journal for Philosophy of Science* 58 (2007), 755-776

Sprevak, M.D. 'Kripke's paradox and the Church–Turing thesis', *Synthese* 160 (2007), 285-295

In Press

Articles in journals

Sprevak, M.D. 'Computation, individuation, and the representation condition', *Studies in History and Philosophy of Science*

Sprevak, M.D. 'Inference to the hypothesis of extended cognition', *Studies in History and Philosophy of Science*

Reviews

Sprevak, M.D. Review of A. Wells, *Rethinking Cognitive Computation: Turing and the Science of the Mind*, in *British Journal for Philosophy of Science*

Lectures, Seminars and Conferences

November 2007

Sprevak, M.D. 'Vehicle externalism and functionalism', NTNU Trondheim, Norway

April 2008

Sprevak, M.D. 'Extended cognition and functionalism', Philosophy Workshop, Department of History and Philosophy of Science, University of Cambridge

July 2008

Sprevak, M.D. 'Computation, individuation, and the representation condition', *Computation and Cognitive Science*, King's College, Cambridge

Sprevak, M.D. 'Alternative cognition and extended cognition', British Society for the Philosophy of Science, St Andrews

Jacqueline Stedall

Publications

Books

Stedall, J. (2008) *Mathematics Emerging: A Sourcebook 1540-1900*, Oxford 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* 62 (2008), 179-200

Stedall, J. 'Symbolism, combinations, and visual imagery in the mathematics of Thomas Harriot', *Historia Mathematica* 34 (2007), 380-401

In Press

Books

Beery, J. and Stedall, J. (2008) *The 'Magisteria Magna' of Thomas Harriot*, European Mathematical Society

Robson, E. and Stedall, J. (eds) (2009) *The Oxford Handbook of the History of Mathematics*, Oxford University Press

Lectures, Seminars and Conferences

October 2007

Stedall, J. 'Mathematics in the Hellenistic world: the Greek legacy', Manchester Metropolitan University

November 2007

Stedall, J., du Sautoy, M. and Knott, R. 'The Fibonacci sequence', for *In Our Time*, BBC Radio 4

Stedall J. and du Sautoy, M. Discussion on Isaac Newton's life and work, for *The Story of Maths*, BBC Two

January 2008

Stedall, J. 'The algebra of Robert Recorde', Centre d'Études Supérieures de la Renaissance, Tours

July 2008

Stedall, J. 'Circles of communication: mathematical networks in seventeenth-century England', joint meeting of the British Society for the History of Science, the Canadian Society for the History and Philosophy of Science, and the History of Science Society, Oxford

Stedall, J. 'Robert Recorde's geometry', joint conference of WALMATO and BSHM, Gregynog

Liba Taub

Liba Taub is Director and Curator of the Whipple Museum, and Reader in HPS. In March 2008 she again organised, with Aude Doody (UCDublin), an international conference on scientific and medical writing in Greco-Roman antiquity, this time held at Newnham College. She was the History of Science Society representative on the organising committee for the Tri-Society meeting held in Oxford in July 2008. She serves on the 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 (SHOT). She has been invited to serve on the Editorial Board of *Artefacts* and the Nominating Committee for the IUHPS/DHST. She 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.

Publications

Books

Taub, L. (2008) *Aetna and the Moon: Explaining Nature in Ancient Greece and Rome*, Oregon State University Press (the inaugural volume in the Horning Visiting Scholar Series, edited by Mary Jo Nye and Paul Farber)

Articles in books

Taub, L. (2008) "'Eratosthenes sends greetings to King Ptolemy": reading the contents of a "mathematical" letter' in J.W. Dauben, S. Kirschner, P. Kunitzsch and R. Lorch (eds) *Mathematics Celestial and Terrestrial: Festschrift für Menso Folkerts zum 65. Geburtstag*, Halle (Saale): Deutsche Akademie der Naturforscher Leopoldina, *Acta Historica Leopoldina* 54 (2008), 285-302

Reviews

Taub, L. Review of A. Barker, *The Science of Harmonics in Classical Greece*, in *Early Music History* 27 (2008)

In Press

Books

Taub, L. and Doody, A. (eds) *Authorial Choice, Authorial Voice: Greco-Roman Scientific and Medical Writing*, Trier: Wissenschaftlicher Verlag

Articles in books

Taub, L. (2008) 'Explaining a volcano naturally: *Aetna* and the choice of poetry' in L. Taub and A. Doody (eds) *Authorial Choice, Authorial Voice: Greco-Roman Scientific and Medical Writing*, Wissenschaftlicher Verlag

Taub, L. (2008) 'Meteorology' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2008) 'Winds' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2008) 'Harmony of the spheres' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Lectures, Seminars and Conferences

March 2008

Organiser (with Aude Doody, University College Dublin) of a third international Workshop on Greco-Roman scientific and medical writing, Newnham College, Cambridge, with support from Newnham College, the Wellcome Trust Enhancement Award in the History of Medicine held in the Department of History and Philosophy of Science (Cambridge), the School of Classics of University College Dublin, and the Classics Faculty (Cambridge)

Organiser (with Paul Cartledge, Classics Faculty) of a one-day conference, *Reflections on the Work of Geoffrey Lloyd*, made possible through the joint support of the Faculty of Classics and the Department of History and Philosophy of Science

May 2008

Taub, L. “‘Eratosthenes sends greetings to King Ptolemy’: reading the contents of a “mathematical” letter”, Workshop on Scientific Writing in the Roman Empire, School of Classics, University of St Andrews

July 2008

History of Science Society programme representative for the Three Societies (History of Science Society/British Society for the History of Science/Canadian Society for the History of Science) meeting held at Keble College, Oxford

Laurence Totelin

Publications

Articles in books

Totelin, L. (2008) ‘Parfums et huiles parfumées en médecine’ in A. Verbanck-Piérard, N. Massar and D. Frère (eds) *Parfums de l’Antiquité: La rose et l’encens en Méditerranée*, Mariemont: Musée Royal de Mariemont, 227-232

Articles in journals

Totelin, L. ‘Sex and vegetables in the Hippocratic gynaecological treatises’, *Studies in History and Philosophy of Biological and Biomedical Sciences* 38 (2007), 531-540

In Press

Books

Totelin, L. (2008) *Hippocratic Recipes: Oral and Written Transmission of Pharmacological Knowledge in Fifth- and Fourth-Century Greece*, Brill.

Lectures, Seminars and Conferences

March 2008

Totelin, L. ‘Fertility and sex: the symbolism attached to some ingredients of the Hippocratic gynaecological recipes’, Gender in Medicine Seminar Series, The Wellcome Trust Centre for the History of Medicine at UCL

Totelin, L. ‘Tell me your name and I’ll tell you what you are: naming pharmacological recipes in the Graeco-Roman traditions’, Workshop on Ancient Greek and Roman Medical and Scientific Writing, University of Cambridge

August 2008

Totelin, L. ‘Hippocratic and Aristophanic recipes: same difference’, XIIIth Colloquium Hippocraticum, University of Texas at Austin

John van Wyhe

This year was spent mostly editing, not only *Darwin Online*, but two books on Darwin with CUP. Due to the increasing pressures, as the Darwin bicentenary approaches, I had to step down as editor of the BSHS monograph series and Director of the BSHS Wheeler Library. Amongst many other projects I am helping with the restoration of Darwin’s rooms at Christ’s College so that they can be opened to the public in 2009.

Publications

Books edited

Freeman, R.B. (2007) *Charles Darwin: A Companion*, 2nd online edition, <http://darwin-online.org.uk/content/frameset?itemID=A27b&viewtype=text&pageseq=1>

Chang, H. and Jackson, C. (eds) (2007) *An Element of Controversy: The Life of Chlorine in Science, Medicine, Technology and War*, BSHS monographs

Articles in books

van Wyhe, J. (2007) 'The diffusion of phrenology through public lecturing' in A. Fyfe and B. Lightman (eds) *Science in the Marketplace: Nineteenth-Century Sites and Experiences*, University of Chicago Press, 60-96

Reviews

van Wyhe, J. 'A reception study in the making? The unprecedented reception of Darwin's private papers online', *Viewpoint: Newsletter of the British Society for the History of Science*, no. 86 (June 2008), 5

van Wyhe, J. Review of *The Correspondence of Charles Darwin, vol. 15*, in *Isis* 99 (2008), 196-197

van Wyhe, J. 'Misconceptions', *The Guardian* (Saturday pamphlet), 9 February 2008

van Wyhe, J. 'Dinner with Darwin', *New Humanist Magazine* 123:1 (2008), 15-17

In Press

Books

van Wyhe, J. (ed.) (2008) *Charles Darwin's Shorter Publications*, Cambridge University Press

van Wyhe, J., Chancellor, G. and Rookmaaker, K. (eds) (2009) *Charles Darwin's Notebooks from the Voyage of the Beagle*, Cambridge University Press

van Wyhe, J. (2008) *Charles Darwin and the Story of Evolution*, Carlton Publishing

Articles in books

van Wyhe, J. 'Johann Gaspar Spurzheim' in *Neue Deutsche Biographie*

Articles in journals

van Wyhe, J. 'The complete work of Charles Darwin online' [response to Jonathan Smith review], *Journal of Victorian Studies*

van Wyhe, J. 'Charles Darwin 1809–2009', *International Journal of Biochemistry & Cell Biology*

van Wyhe, J. 'The real Charles Darwin', *BBC History Magazine*

Lectures, Seminars and Conferences

November 2007

van Wyhe, J. 'Rediscovering Darwin: the real story of Darwin's finches', 11th Annual Grant Lecture, Grant Museum of Zoology, University College London

February 2008

van Wyhe, J. 'A century of celebrating Darwin: the evolution and extinction of historical myths', *Darwin Industries Inc. Getting in Gear for 2009*, University of Aarhus, Denmark

May 2008

van Wyhe, J. 'Charles Darwin – his life and legacy', Residencia de Estudiantes, Madrid, Spain

July 2008

van Wyhe, J. "'Almighty God! What a wonderful discovery!'" Did Charles Darwin really believe life came from outer space?', British Society for the History of Science annual conference, Oxford

Sophie Weeks

Sophie Weeks is currently completing a book entitled *Francis Bacon's Science of Magic*. She is also editing (with Rhodri Lewis and Daniel Andersson) volume 5 of the Oxford University Press edition of Francis Bacon's complete works, which comprises Bacon's early philosophical writings to about 1611. In September 2009 she takes up a Lectureship in History of Science at the University of Leeds.

Publications

Reviews

Weeks, S. Review of K. Park and L. Daston (eds) *The Cambridge History of Science Volume 3: Early Modern Science*, in *British Journal for the History of Science* 41 (2008), 136-137

In Press

Articles in books

Weeks, S. '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 (2008)

Reviews

Weeks, S. Review of D. Harkness, *The Jewel House: Elizabethan London and the Scientific Revolution*, in *British Journal for the History of Science*

Lectures, Seminars and Conferences

April 2008

Weeks, S. and Kenny, C. "'Twisting the lion's tail': Baconian experimentalists in the seventeenth century', HPS Informal Seminar, University of Leeds

July 2008

Weeks, S. 'Francis Bacon on the unity of nature', Sixth Joint Meeting of the BSHS, CSHPS, and HSS, Keble College, Oxford

Paul White

Publications

Books

White, P. et al. (eds.) (2008) *The Correspondence of Charles Darwin*, vol. 16, Cambridge University Press

Articles in books

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

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*, 2 vols, Continuum, 1: 54-68

In Press

Articles in journals

White, P. 'The face of physiology', *19: Interdisciplinary Studies in the Long Nineteenth Century*

Lectures, Seminars and Conferences

September 2007

White, P. 'Emotion in the age of objectivity', IRTN workshop, Birkbeck

November 2007

White, P. 'Darwin's readers', History of Science Society annual meeting, Washington D.C.

December 2007

White, P. 'The evolution of wonder', IES 19th century seminar, UCL

May 2008

White, P. 'A life in letters', Residencia Estudiantes, Madrid

White, P. 'Science and the circle of friendship', University of Sussex

July 2008

White, P. 'Darwin and the churches', University of Galway

White, P. 'The poetics of physiology', Three Societies meeting, Oxford

Alexander Wragge-Morley

Lectures, Seminars and Conferences

November 2007

Wragge-Morley, A. 'Making knowledge of nature: the mountain debate, 1680-1700', Graduate Research Seminar, St Catharine's College, Cambridge

January 2008

Wragge-Morley, A. 'Joseph Wright of Derby's *An Experiment on a Bird in the Air Pump*', History of Scientific Images Seminar, Department of History and Philosophy of Science, University of Cambridge

February 2008

Wragge-Morley, A. 'Robert Hooke's *Micrographia*', History of Scientific Images Seminar, Department of History and Philosophy of Science, University of Cambridge

May 2008

Wragge-Morley, A. 'What can we do with interdisciplinarity?', Thinking Society, University of Cambridge

June 2008

Wragge-Morley, A. 'Interdisciplinarity in the 21st century', Interdisciplinary Graduate Conference 2008, Wolfson College, Cambridge

July 2008

Wragge-Morley, A. 'Thomas Burnet, his opponents and the aesthetics of mountain scenery', Three Societies Conference, Keble College, University of Oxford

Wragge-Morley, A. 'Re-reading the books of nature and scripture: artisanal and bodily approaches to seventeenth-century design arguments', Ian Ramsey Centre Conference 2008: *God, Nature and Design: Historical and Contemporary Approaches*, St Anne's College, University of Oxford

E.G. Zahar

Publications

Books

Zahar, E.G. (2007) *Why Science Needs Metaphysics*, Chicago: Open Court

Seminar Programmes

Michaelmas 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 Lauren Kassell.

18 October **Alice Jenkins (University of Glasgow and CRASSH, Cambridge)**
Sybil in particulars and generals: inductive logic and Victorian narrative

Much of the triumphalism of early Victorian writing about physical science came from a belief that modern inductive reasoning gave much stronger methodological underpinnings than those supporting earlier science. While not claimed to be infallible, inductive science was held to incorporate methods for allowing for and dealing with fallibility, so that errors could be rectified without fundamental principles being affected. In the words of the Scottish writer James Douglas, an advocate for progressive education, 'being rooted in nature, inductive philosophy has the principle of growth in it'. All the scientific disciplines, it was widely argued, were now founded on this logic; indeed it was the defining quality of a modern scientific discipline that it be so founded. And induction was also being taken up by practitioners of other kinds of knowledge, who were spreading the benefits of its secure method well beyond the sciences.

Following work by Susan Faye Cannon, recent scholarship by Jonathan Smith, Laura J. Snyder, Mary Poovey and others has questioned the usefulness of nineteenth-century inductivism for practising scientists. I will argue that the interesting point about the early Victorian period's tendency to rally round the banner of induction is less its practical effects on the history of scientific discovery than its role in constructing standards for measuring the difference between modernity and pre-modernity, and for disseminating a narrative pattern which seemed to represent the shape which authoritative knowledge should take. Both these effects of the triumph of induction were felt extensively in culture outside scientific circles. My paper investigates the effects of the spreading prestige of inductive reasoning from science into other areas of knowledge production, particularly those predicated on narrative. As my title suggests, I will focus especially on the role of the inductive method in the 'social problem' or 'condition of England' novel of the 1840s and 50s.

25 October **Jonathan Dancy (University of Reading and University of Texas at Austin)**
Practical reasoning and inference

One way of capturing the force of practical reasoning, or deliberation, is to think of it as inference (e.g. the practical syllogism). I reject this inferential model, and offer another, under which the force of reasoning is of a rather different sort. The conclusion of a process of deliberation can, on this new model, be an action, and such deliberation can have a structure, but it is not inferential structure.

1 November **Alisha Rankin (Trinity College, Cambridge)**
Panacea's daughters: gentlewomen healers and experiential knowledge in early modern Germany

A number of learned physicians in sixteenth-century Germany sang the praises of a particular type of healer: a gentlewoman who made medicinal remedies and handed them out to the sick poor (also helping ill aristocrats and patricians in the bargain). This paper examines the topos of the gentlewoman-healer, arguing that aristocratic women gained respect as medical practitioners not in spite of their gender, but because of it. Particularly, it focuses on gentlewomen's reliance on experience and empirical observation to confirm the success of their medical remedies, categories that overlapped with a new interest in observation in learned medical spheres.

8 November **Francesco Guala (University of Exeter)**
Are there Lewis conventions?

David Lewis' analysis of conventions has been influential both in the philosophy of social science and in social science itself. In particular, it has illustrated the potential of game theoretic models in social ontology as well their limitations, and the importance of history for the analysis of social institutions. But are there any genuine Lewis-Conventions? In this paper I show how this question can be investigated using simple experimental techniques, and criticize those philosophers who try to refute Lewis' theory using the traditional tools of language analysis and intuition.

15 November **Ayesha Nathoo (Clare Hall, Cambridge)**

‘A year of resurrection, a year of grotesque horror’: heart transplants and the media in 1968

In December 1967 a relatively unknown surgeon, Christiaan Barnard, transplanted the heart of a young, female road-accident victim into a 54-year-old Cape Town grocer, Louis Washkansky. The operation received media attention that was unprecedented for a medical undertaking, transforming Barnard and Washkansky into international celebrities overnight. Although Washkansky lived for only 18 days with his new heart, in 1968 over 100 transplants were performed worldwide. Most of the recipients died within days or weeks of their revolutionary surgery and from the end of 1969 the procedure was all but abandoned for a decade. In the already turbulent period of the late 1960s, human heart transplantation proved to be an ethical minefield that challenged existing notions of life and death. I argue that the public nature of this controversial surgical feat fundamentally changed medical-media relations and directly affected the outcome of the heart-transplant enterprise. This talk aims to shed new light on arguably the most famous operation of the twentieth century, and its repercussions for media and medical history.

22 November **Susan James (Birkbeck, University of London)**

Spinoza on law and sovereignty

There’s a moment in the history of early modern philosophy when the idea that humans are subject to the commands of God is challenged and rejected. Can we locate it? Perhaps the earliest philosopher who wholeheartedly gives up this orthodox view is Benedict Spinoza. In this paper I examine Spinoza’s wide-ranging argument for his claim that all laws, in the sense of commands, are made and imposed by human beings rather than by the deity. I show how he defends this conclusion by embedding it in his wider metaphysics and politics. I go on to examine some consequences of this move, concentrating on the instabilities it produces in Spinoza’s distinction between reason and imagination.

29 November *Third Cambridge Wellcome Lecture in the History of Medicine*

Simon Szreter (St John’s College, Cambridge)

Proving a negative? How important was sexual abstinence during the fertility decline?

One of the main conclusions of the author’s *Fertility, Class and Gender in Britain 1860-1940* (CUP 1996) was that some form of sexual abstinence in marriage had probably been an important, integral feature of birth control in Britain during the secular national fertility decline. This conclusion followed as an inference from innovative demographic analysis of the mass of quantitative data generated by the 1911 census, alongside reconsideration of the implications of certain contemporary qualitative sources and aspects of the period’s cultural history and gender politics. However, how can we ever prove this negative – that married couples in the privacy of their marriages increasingly refrained from sex during the period 1860-1940? How can we obtain positive confirmation of something people did not do – in a culture which generally did not talk about the subject? In order to attempt to address this, the author secured ESRC funding for a novel oral history project, carried out during 1998-2000, by the author and Dr Kate Fisher (University of Exeter). About 90 married persons born in the first quarter of the twentieth century were interviewed and asked to talk about sex in their marriages. Both men and women, middle and working-class, from the industrial north and the affluent south were interviewed. This lecture, drawn from a chapter drafted for a forthcoming co-authored book, will give a first presentation of what the respondents said about the relationship between birth control and abstinence in their marriages.

Reading:

K. Fisher and S. Szreter, “‘They prefer withdrawal’”: the choice of birth control method in Britain, 1918-1950’ *Journal of Interdisciplinary History* 34, 2 (2003), 263-91.

S. Szreter, *Fertility, Class and Gender in Britain 1860-1940* (Cambridge University Press 1996), ch. 8.

There will be tea before the lecture, at 4pm in Seminar Room 1, and a drinks reception afterwards, at 6pm in Seminar Room 1.

Special Seminars

Hans Radder (Vrije Universiteit Amsterdam)

The material realisation and conceptual interpretation of observational processes

3pm, Monday 15 October, Seminar Room 1

This paper presents a philosophical account of observation. The argument is that a human observer may be seen as a self-interpreting observational instrument which has arisen in the course of a material and socio-cultural evolution and which actively engages the world in attempts at materially realising and conceptually interpreting observational processes.

Jim Flynn (University of Otago)

Saving equality from the dustbin of history: a refutation of the ‘meritocracy thesis’ from *The Bell Curve*

2pm, Friday 7 December, Maxwell Lecture Theatre, SPS

Research Topics and Resources Seminars

Seminars on research topics and resources 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 Guide is on the HPS website at www.hps.cam.ac.uk/research.

Organised by Nick Jardine and Eleanor Robson.

- 4 October **Nick Jardine:** Reading groups, seminars and other resources; **Peter Lipton:** How to write a philosophy essay; **Ruth Horry:** Working on Whipple Collection objects; **Stephen John:** Bioethics; **Ayesha Nathoo:** Modern medicine and media research
- 11 October **Eleanor Robson:** History and translation; **Patricia Fara:** Scientific images; **Sacha Golob:** Reading Continental philosophy; **Jenny Rampling:** A medieval and early modern toolkit; **John Forrester:** Lost in trivia

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, Rob Ralley and Laurence Totelin.

- 9 October **Alec Ryrie (Durham University)**
Fraud, sorcery and medicine in the 1540s: the double life of Gregory Wisdom
- 30 October **Adrian Wilson (University of Leeds)**
Interrogating the prehistory of Caesarean section
- 20 November **Lindsey Fitzharris (University of Oxford)**
Through the eyes of a seventeenth-century physician: reassessing John Webster

History of Modern Medicine and Biology

Organised by Ayesha Nathoo and Vanessa Heggie.

- 16 October **Bonnie Evans (HPS, Cambridge)**
How psychology lost its drive: the establishment of child psychiatry at the Maudsley Hospital, 1923-1938
- 6 November **Sanjoy Bhattacharya (Wellcome Trust Centre for the History of Medicine, UCL)**
Global prescriptions, local adaptations: South Asia, the WHO and the global programme to eradicate smallpox
- 27 November **Duncan Wilson (University of Manchester)**
The science of self-destruction: animal suicide and the human condition

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 Jim Secord.

- 23 October **Evelleen Richards (University of Sydney)**
Do females have a choice? Darwin, the breeders and the problem of female choice
- 13 November **Solveig Jülich (Stockholm University)**
Questioning the images of life before birth: Lennart Nilsson's fetal photographs in public debate

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 Salim Al-Gailani.

- 8 October **Pietro Corsi (University of Oxford)**
'Objects, images, books'. Networks of validation in mid-nineteenth-century geology: Italy, France, England
- 15 October **Carlos López Beltrán (Universidad Nacional Autónoma de México)**
Hippocratic bodies: Castas and temperament in the New Spain
- 22 October FUNGUS HUNT
- 29 October **Helen Cowie (University of Warwick)**
'Peripheral vision': science and Creole patriotism in eighteenth-century Spanish America
- 5 November **Sam Alberti (Manchester Museum)**
Practice and technique in the twentieth-century natural history museum
- 12 November **Lawrence Dritsas (University of Edinburgh)**
'Ecological reconnaissance': expert visitors to Northern Rhodesia in the 1950s
- 19 November **David Allan Feller (HPS, Cambridge)**
The hunter's gaze: establishing a 'period eye' in Charles Darwin's scientific methodology
- 26 November **Kathleen Walker-Meikle (University College London)**
Animals in medical experiments in the Middle Ages

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 and Deborah Thom.

- 17 October **Peter Mandler (Faculty of History, Cambridge)**
Margaret Mead amongst the natives of Great Britain
- 31 October **John Forrester (HPS, Cambridge)**
1919: psychology and psychoanalysis, Cambridge and London
- 14 November **Katherine Angel (HPS, Cambridge)**
The discomfiting past of peptic ulcer: histories of psychosomatic medicine and *H. pylori*

Epistemology Reading Group

We will be reading from Paul K. Moser (ed.) *The Oxford Handbook of Epistemology* (OUP, 2002). 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.

- 4 October William G. Lycan, 'Explanation and Epistemology'
- 11 October Philip Kitcher, 'Scientific Knowledge'
- 18 October Alvin Goldman, 'The Sciences and Epistemology'
- 25 October Peter Klein, 'Skepticism'
- 1 November Albert Casullo, 'A Priori Knowledge'
- 8 November Ernest Sosa, 'Tracking, Competence, and Knowledge'
- 15 November John Greco, 'Virtues in Epistemology'
- 22 November Richard Foley, 'Conceptual Diversity in Epistemology'

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.

- 17 October **Berry Groisman (DAMPT, Cambridge)**
Is teleportation a (quantum) mystery?
- 31 October **Charlotte Werndl (Faculty of Philosophy, Cambridge)**
The special kind of unpredictability of chaotic systems
- 14 November **Louise Braddock (Girton College, Cambridge)**
Psychological identification and numerical identity: the unlikely connection
- 28 November **Mike Collins (HPS, Cambridge)**
The primacy of secondary qualities

Science and Literature Reading Group

This term we will be reading about astronomers and astronomy. All the texts are available online; copies will also be placed in the Whipple Library box file. We meet on Mondays from 7.30 to 9pm in the upstairs seminar room of Darwin College. All are welcome!

Organised by Daniel Friesner (Science Museum) and Melanie Keene (HPS). For further information, visit our weblog: <http://sci-lit-reading-group.blogspot.com>

- 15 October Dante Alighieri, *Purgatory* (c. 1321), Canto 4
John Milton, *Paradise Lost* (1674), Book 8, lines 1-197
- 29 October Thomas Hardy, *Two on a Tower* (1882), Chapter 4
George Meredith, 'Meditation under stars' (1888)
- 12 November Leonid Andreieff, *To the Stars* (1905), especially Act IV
The most easily available English translation is by A. Goudiss, in *Poet Lore*, Winter 1907. You can find it by logging on to Periodicals Archive Online, and then searching under author 'Andreieff'.
- 26 November William Wordsworth, 'Star Gazers' (1807)
Walt Whitman, 'When I heard the learn'd astronomer' (1865)
Virginia Woolf, 'The Searchlight' (1943)

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.

History and Theory Reading Group

The group will discuss articles (their own, and those of others) relating to problems of historical research, interpretation, explanation and narration. Articles will be placed well in advance in a History and Theory box in the Whipple. We meet on Fridays, 2.30pm to 4pm in the Lodge.

Organised by Marina Frasca-Spada, Nick Jardine and Signe Nipper Nielsen.

- 12 October **Signe Nipper Nielsen:** History and empathy
Barbara Duden, 'The Illusion to Viewing the Patient's "Body" in Medical Texts', unpublished working paper presented at the Nordic Seminar in Ebeltoft, Denmark, April 2000, 'Traces of the Past – Eyes of the Present'.
Megan Boler, 'The Risks of Empathy: Interrogating Multiculturalism's Gaze', *Cultural Studies*, 11:2 (1997), pp. 253-73.
Jacques Derrida, 'Cogito and the History of Madness', in *Writing and Difference* (London, Routledge, 1997), pp. 31-63.
- 26 October **Salim Al-Gailani:** History and reading
Dominick LaCapra, 'History, Language, and Reading: Waiting for Crillon', *The American Historical Review*, Vol. 100, No. 3 (June 1995), pp. 799-828. Available on JSTOR.
- 9 November **Nick Tosh:** Anachronism
'Anachronism and retrospective explanation: in defence of a present-centred history of science', *Studies in the History and Philosophy of Science*, 34 (2003) 647-659.

This paper defends the right of historians to make use of their knowledge of the remote consequences of past actions. In particular, it is argued that the disciplinary cohesion of the history of science relies crucially upon our ability to target, for further investigation, those past activities ancestral to modern science. The history of science is not limited to the study of those activities but it is structured around them. In this sense, the discipline is inherently 'present-centred': its boundaries are determined, in part, by judgements inaccessible to the historical actors. Present-centredness of this sort, it is urged, should not be regarded as a problem; its methodological consequences are minimal.

Lent Term 2008

Departmental Seminars

Seminars are held on Thursdays from 4.30 to 6.00pm in Seminar Room 2, Department of History and Philosophy of Science, Free School Lane, Cambridge. There is tea beforehand from 4pm in Seminar Room 1. Organised by Lauren Kassell.

17 January **Harry M. Marks (Johns Hopkins University)**
Biographical medicine: London consultants explain disease

It is a truism of medical historiography that, with the rise of pathological anatomy in early nineteenth-century Paris, physicians focused their attention on the signs of the physical body, neglecting patients' accounts of experience which had dominated in a client centred medicine. At best, an interest in the biography of disease survived on the margins of clinical practice, far away from the centres of hospital medicine. This paper examines the activities of a group of prominent London consultant physicians – William Gull, Sam Wilks and James Paget – who after years of doing and teaching morbid anatomy, turned to natural history to understand the variable manifestations of disease in their patients. They turned as well to organizing British general practitioners in a programme of research into the biography of disease. While an interest in natural history is not unknown in the second half of the nineteenth century, I will argue that this turn to the natural history of disease was rooted in the distinctive career paths of London consultants who spent multiple decades doing morbid anatomy before developing their clinical practices. It was the limitations of morbid anatomy, as they saw it, which led them to their interest in biographical medicine. Beyond the relevance of this story to medical history, I would like to explore two issues: 1) remnants of the zeitgeist – how do we best account for intellectual/epistemological developments in a discipline which resemble contemporaneous developments in other disciplines, without resorting to difficult claims about influence and/or zeitgeist? 2) Survivals: how do we best understand the survival, beyond the immediate milieu in which they originate, of heterodox intellectual traditions like the one analysed in this paper?

24 January **Angela Breitenbach (Sidney Sussex College, Cambridge)**
Natural purposes, Kantian analogies and environmental ethics

Recent theories in environmental ethics are divided over the question whether we can ascribe intrinsic value to nature. According to anthropocentric approaches the sole locus of value is the human being and any obligation to protect our natural environment is ultimately reducible to a concern about humans. Biocentric accounts, by contrast, claim that nature has an absolute and intrinsic worth and that human beings therefore have a direct duty towards nature. While the anthropocentric perspective may be criticised for presenting nature merely as a resource for satisfying human needs and desires, biocentric approaches face the apparently insuperable problem of justifying the existence of independent value in nature. In this paper I develop an account which aims to overcome these difficulties by attributing to nature a value that is independent of its usefulness to human beings without making this value independent from the rational valuer. The account is inspired by Kant's analogical conception of purposes in nature. This may come as a surprise to those who view Kant as the chief exponent of anthropocentrism.

31 January **Jon Agar (University College London)**
Thatcher, scientist

Did it matter that Margaret Thatcher, three times British prime minister, staunch opponent of socialism, fervid proponent of markets rather than governments as the agents of choice and change, had trained and worked as a research scientist? In the immense literature on Thatcher and Thatcherism, no author emphasizes, or even discusses in any depth, the connection between Thatcher, scientist, and Thatcher, politician. This paper reviews the evidence for a connection, and offers an interpretation of an important episode in the formation of British science policy that, I argue, has broad repercussions for how historians might revise the understandings of a saltation in twentieth-century political and economic history.

7 February **David Bloor (University of Edinburgh)**
Rival theories of the aerofoil: 1909-1926

From the early years of aviation through World War One, until c. 1926, British and German experts in aerodynamics disagreed about how an aircraft wing generates lift. The British developed the discontinuity theory, the Germans the circulation theory. I shall describe the course of this divergence and seek to explain it in terms of differing mathematical traditions and their respective institutional roots. It emerges that the more successful theory was based on the least realistic physics. Welcome to relativism at 30,000 feet!

14 February **Tara Nummedal (Brown University)**
Contracting the philosopher's stone: fraud, risk and profit in early modern alchemy

For the princes who sought to hire alchemists, build laboratories, and fund substantial alchemical operations in the early modern Holy Roman Empire, the question of fraud was crucial. The possibility of hiring a false alchemist rather than a real one haunted princely desires to put alchemy into practice, yet patrons had few obvious resources for determining whether or not an individual was a fraud (or *Betrüger*). In this paper, I will examine the methods alchemical patrons and practitioners devised to minimize risk, as well as the consequences of those methods for the practice and meaning of alchemy in early modern central Europe.

21 February **Andreas Mayer (Max Planck Institute for the History of Science, Berlin)**
Walking as a problem of the nineteenth century

As with so many other human activities that are both mechanical and meaningful (e.g. sleeping and dreaming, sexual acts, artistic creation, the execution of music or the manifestations of religion), the inhabitants of the nineteenth century turned walking into a problem waiting for a scientific solution. Neither entirely transparent and fully conscious, nor completely shrouded in mystery, the act of walking was supposed to have its secret. How such a mundane activity became a problem for a variety of scientific disciplines in Western countries will be the subject of my talk.

6 March **Colin Jones and Emily Richardson (Queen Mary, University of London)**
The politics and physiology of laughter in eighteenth-century France: the Saint-Aubins' *Livre des Culs*

The Saint-Aubins formed a dynasty of artists and craftsmen in eighteenth-century France. The best-known of them is Gabriel, who currently has an international exhibition devoted to him (New York, Paris). He and his brothers kept a number of sketch-books, one of which, owned by Waddesdon Manor, is the subject of the talk. The *Livre de caricatures tant bonnes que mauvaises* is largely the work of Charles-Germain de Saint-Aubin, though it is in essence a collective work seemingly produced both by and for what Antoine de Baecque has termed a 'society of laughers'. The brothers are said to have referred to it as their *livre de culs*. Although there are indeed some arses in the book – including some famous ones, knowledge of whose depiction would have ended the Saint-Aubins in the Bastille – the characteristic of the work is its festive, humorous and frequently satirical character. The kind of caricature and satire it exemplifies is quite rare in France (England was different in this respect). In this paper, we will seek to examine the work and to place it in the context of French eighteenth-century medical, philosophical and political debates about laughter.

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, Rob Ralley and Laurence Totelin.

- 15 January **Cathy McClive (Durham University)**
Negotiating masculinity: hermaphrodites and sexual difference in early modern France
- 5 February **Natacha Massar (Free University of Brussels)**
Serving men, serving gods: doctors and musicians in the ancient Greek world
- 26 February **Sasha Handley (University of Manchester)**
Thomas Willis and the pathology of sleep disorders

History of Modern Medicine and Biology

Organised by Ayesha Nathoo and Vanessa Heggie.

- 12 February **Sarah Hodges (University of Warwick)**
Biotrash: medical garbage in India
- 4 March **Amanda Rees (University of York)**
Working with beasts: animal societies in 20th-century popular culture

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 Jim Secord.

- 29 January **Lynn Morgan (Mount Holyoke College)**
Embryo genesis: how a handful of scientists produced an American origin story
- 19 February **William MacLehose (Wellcome Trust Centre for the History of Medicine)**
Reproduction and religion: paediatrics and devotion to the Christ Child in the Central Middle Ages

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 Salim Al-Gailani.

- 21 January **Nicola Gauld (Fitzwilliam Museum, Cambridge)**
'What is meant by this system?' Charles Darwin and the visual re-ordering of nature
- 28 January **Elise Juzda (Faculty of History, Cambridge)**
Skulls, science and the spoils of war: frontier violence and the creation of the US Army Medical Museum's cranial collection, 1869-1900
- 4 February **Simon Naylor (University of Exeter)**
Cartographies of a scientific county: mapping Cornwall
- 11 February **Adelene Buckland (Cambridge Victorian Studies Group)**
Gideon Mantell, Thomas Hardy, and the politics of geological knowledge
- 18 February **Brigitte Resl (University of Liverpool)**
Distancing animals in medieval chronicles
- 25 February **Iris Montero Sobrevilla (HPS, Cambridge)**
Transatlantic hum: Mexican hummingbirds and the French encyclopedic project
- 3 March **Gail Davies (University College London)**
Locating species identity: towards a biogeography of transgenic life
- 10 March **Allison Ksiazkiewicz (HPS, Cambridge)**
Saved by servitude: the display of horses at the Natural History Museum in London

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 and Deborah Thom.

- 30 January **Martin Dehli (Freelance historian, Berlin)**
'Out of the shadows': Alexander Mitscherlich and psychoanalysis in Germany after 1945
- 13 February **Julia Borossa (Middlesex University)**
Colonising and de-colonising psychoanalysis in the 1950s: Masud Khan amongst the British
- 27 February **Barbara Wurm (University of Vienna)**
The psycho-reflexology of film: Soviet non-fiction cinema of the 1920s
- 12 March **Alexandra Lembert (University of Leipzig)**
Exploring the human psyche: psychology and British psychic detective fiction at the turn of the 20th century
- 19 March **George Makari (Weill Medical College of Cornell University)**
Revolution in mind: making the psychoanalytic field, 1870-1945

Relativism Group

Meetings take place on Tuesdays, 3.00-4.30pm in Seminar Room 1. In some weeks the focus will be a talk, in other weeks we will discuss a key text. (Copies of these texts will be available in the Whipple Library.) Everyone welcome! For further information contact Martin Kusch.

- 22 January **Martin Kusch** will give a talk entitled 'Epistemic relativism defended'
- 29 January **Juan Vicente Mayoral de Lucas** will give a talk entitled 'Boghossian on relativism and epistemic justification'
- 5 February Discussion of S.D. Hales 'The Relativist Solution' (in S.D. Hales, *Relativism and the Foundations of Philosophy*, MIT Press, 2006, pp. 97-142)
- 12 February Discussion of J. MacFarlane, 'Relativism and Disagreement', *Philosophical Studies* 132 (2007), 17-31
- 19 February **Justin Cruickshank** will give a talk entitled 'Epistemic relativity, epistemic exemplars, and problem solving'
- 26 February Discussion of S. Blackburn, 'Relativism, Subjectivism, Knowledge' (in S. Blackburn, *Ruling Passions*, Oxford University Press, 1998, pp. 279-310)
- 4 March **Richard Raatzsch** will give a talk entitled 'Lear's madness'
- 11 March Discussion of D.B. Wong, 'Pluralistic Relativism' (in D.B. Wong, *Natural Moralities: A Defense of Pluralistic Relativism*, Oxford University Press, 2006, pp. 29-75)

Metaphysics of Science Reading Group

This new group aims to further our understanding of topics in this fruitful but occasionally tricky research area. The focus is on topics of contemporary interest. No special scientific or technical knowledge is required. Meetings will take place on Mondays, 1.00-2.30pm in the HPS Lodge. All welcome. Organised by Alex Broadbent.

This term we will be reading from Huw Price and Richard Corry (eds), *Causation, Physics and the Constitution of Reality: Russell's Republic Revisited*, Oxford University Press 2007. The first chapter is a short and approachable summary of the topics covered in the collection.

- 21 January Causation as Folk Science – John Norton
- 28 January What Russell Got Right – Christopher Hitchcock
- 4 February Causation with a Human Face – Jim Woodward
- 11 February Isolation and Folk Physics – Adam Elga
- 18 February Agency and Causation – Arif Ahmed
- 25 February Causation in Context – Peter Menzies
- 3 March Causal Perspectivalism – Huw Price
- 10 March Causation, Counterfactuals, and Entropy – Mathias Frisch

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 Iris Montero if you are interested in giving a paper.

- 23 January **Sophia Davis (HPS, Cambridge)**
Military landscapes and secret science: mythical and empirical histories of the Suffolk coast
- 6 February **Robin Scheffler (HPS, Cambridge)**
Political radicalism and scientific discovery: the Cambridge Biotheoretical Gathering, 1932-1937
- 20 February **Leon Rocha (HPS, Cambridge)**
Zhang Jingsheng and the 'sexual field' in 1920s China
- 5 March **Mirjam Brusius (HPS, Cambridge)**
Preserving the forgotten: Fox Talbot's interest in the antique – and what it has to do with photography

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.

- 30 January **Mike Collins (HPS, Cambridge)**
The primacy of secondary qualities
- 13 February **Martin Peterson (HPS, Cambridge)**
Subjective probability and action guidance
- 27 February **Sasha Mudd (HPS, Cambridge)**
Practical judgement: a Kantian perspective
- 12 March **Mark Sprevak (HPS, Cambridge)**
Mind-dependence and realism about the mind

Science and Literature Reading Group

This term we will be reading about atomic physics and quantum mechanics. Copies of all the texts will be placed in the Whipple Library box file.

We meet on Mondays from 7.30 to 9pm in the upstairs seminar room of Darwin College. All are welcome! Organised by Daniel Friesner (Science Museum) and Melanie Keene (HPS). For further information, visit our weblog: <http://sci-lit-reading-group.blogspot.com>

- 21 January We will look at the rise and fall of the 'solar system' model of atomic structure, as it was presented in the popular journal *Scientific American*
A. H. Compton, 'What Is Matter Made Of?' (May 15, 1915, pp. 451-2).
S. Dushman, 'Beyond the Microscope' (June 1922, pp. 372-3).
A. T. Merrick, 'Solar Systems Inside the Atom' (February 1925, pp. 80-1).
A. T. Merrick, 'The Marvellous Speeds of Atomic Particles' (March 1925, p. 301).
P. R. Heyl, 'What Is An Atom?' (July 1928, pp. 9-12).
'Our Point of View: Whose Fault is It?' (November 1931, p. 299).
- 4 February Psychological roots of complementarity
William James, *The Principles of Psychology* (1890), Vol. 1, Chapter IX, 'The stream of thought'.
London: Macmillan and Co, 1891, pp. 224-290 (esp. pp. 229-248).
Niels Bohr, 'The Quantum of Action and the Description of Nature' (1929). In *Atomic Theory and the Description of Nature*. Cambridge: Cambridge University Press, 1934, pp. 92-101.
- 18 February Some literary uses of the new physics
Aldous Huxley, *Those Barren Leaves*, Part V, Chapter 1. London: Chatto and Windus, 1925, pp. 339-348.
Robert Frost, 'Version' (1962). We will use the complete text of this poem, as published in *The Poetry of Robert Frost*, ed. E. C. Lathem. New York: Holt, Rinehart and Winston, 1966, p. 427.
Michael Roberts, 'On mechanical hallelujahs, or how not to do it'. *Poetry Review*, Vol. XIX, 1928, pp. 433-8 (esp. pp. 437-8).
Robert Frost, 'Education by Poetry' (1931). In *Selected Prose of Robert Frost*, ed. H. Cox & E.C. Lathem. New York: Holt, Rinehart & Winston, 1966, pp. 33-46 (esp. pp. 36-41).
- 3 March Two stories about multiple worlds and uncertainty
Jorge Luis Borges, 'The garden of forking paths' (1941). Several English translations available, e.g. by Helen Temple and Ruthven Todd in *Ficciones*, ed. A. Kerrigan. London: Weidenfeld & Nicolson, 1962, pp. 89-101.
Fred Hoyle, 'A jury of five'. In *Element 79*. New York: New American Library, 1967, pp. 114-132.

Kant Reading Group

The Kant Reading Group will be reading the Dialectic of the *Critique of Practical Reason* and the Introduction to the *Doctrine of Virtue* this term. We are meeting on Tuesdays, 1.00–2.30pm in the HPS Lodge. Everyone welcome! For more information or if you would like to be added to the mailing list, please contact Angela Breitenbach.

- 22 January *Analytic of Pure Practical Reason* Critical Elucidation of the Analytic of Pure Practical Reason (V 89-106). Presentation: Sasha Mudd
- 29 January *Dialectic of Pure Practical Reason*, Chapter 1 and Chapter 2, I-II (V 107-119). Presentation: Alix Cohen
- 5 February *Dialectic of Pure Practical Reason*, Chapter 2, III-V (V 119-132). Presentation: Stephen John
- 12 February *Dialectic of Pure Practical Reason*, Chapter 2, VI-IX (V 132-148). Presentation: Angela Breitenbach
- 19 February *Doctrine of Method of Pure Practical Reason* (V 151-163). Presentation: Sacha Golob
- 26 February *The Metaphysics of Morals*, Part II *Metaphysical First Principles of the Doctrine of Virtue*, Preface, Introduction, I-V (VI 375-388). Presentation: Yoon Choi
- 4 March *The Metaphysics of Morals*, Part II *Metaphysical First Principles of the Doctrine of Virtue*, Introduction, VI-XI (VI 388-398)
- 11 March *The Metaphysics of Morals*, Part II *Metaphysical First Principles of the Doctrine of Virtue*, Introduction, XII-XVIII (VI 399-413)

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. From time to time the group also organises social events and field trips. Details of past events and publications, together with a host of Latin-related links and resources, can be found on the group's website at www.hps.cam.ac.uk/latintherapy. For more information, and to be added to the mailing list, please contact Jenny Rampling.

History and Theory Reading Group

The group will discuss articles (their own, and those of others) relating to problems of historical research, interpretation, explanation and narration. Articles will be placed well in advance in a History and Theory box in the Whipple. We meet on Fridays, 2.30pm to 4pm in the HPS Lodge. Organised by Marina Frasca-Spada, Nick Jardine and Signe Nipper Nielsen.

- 18 January **Silvia de Renzi:** Where is honour, what is honour? Ranking medicine in early modern Rome 'The Honour of the Art. Ranking Medicine in Seventeenth-Century Rome'. Unpublished chapter from Silvia de Renzi's forthcoming book on medicine in Counter-Reformation Rome.
- 1 February **Nick Jardine:** Truth-to-nature: types and individuals Chapters 1 and (especially) 2 of Lorraine Daston and Peter Galison, *Objectivity* (New York: Zone Books, 2007).
- 15 February **Lisa Mullins:** History and narrative
- 7 March **Jim Secord:** Mechanical objectivity 'Mechanical Objectivity' pp. 115-90 in Lorraine Daston and Peter Galison, *Objectivity* (New York: Zone Books, 2007).

German Therapy

German Therapy in Lent Term will be on Wednesdays at 9am in the HPS Lodge.

German Therapy is open to anyone who would like to learn how to read and understand original German sources and discuss possibilities of translating them to English. Last term we read and translated Wittgenstein's *Philosophical Investigations* and a short text by Kant. Members are very welcome to bring a text which is currently part of their research. We also do exercises to improve or brush up our grammar and reading skills. The course does not require an advanced level of German. All are welcome to attend. For further information please contact Mirjam Brusius.

Scientific Images Discussion Group

The group aims to deal with the methods, treatment and interpretation of scientific images. We will work with original objects and paintings in the Fitzwilliam and the Whipple Museum and also give students the opportunity to present papers on images that are part of their research.

Meetings will take place fortnightly, Thursdays 10-11.30am, Seminar Room 1, HPS. Each presenter will choose a text to be prepared by the group for their topic. You will find these texts a week in advance in the group's box in the Whipple Library.

The topic this term will be 'Art and Science in the 17th and 18th centuries in Northern Europe'. One talk in each session will be related to this topic. In the second part of the session presenters can bring their own image to discuss, no matter which region and period.

If you want to give any talk next term, join the group, or be put on the mailing list, please contact us. Organised by Mirjam Brusius.

Wednesday 23 January, 11am-12.30pm, meeting 10.50am, new courtyard entrance (left) Fitzwilliam Museum, visit of the exhibition 'From Reason to Revolution: Art and Society in Eighteenth-Century Britain'

1. Etching by Valentine Green, after the painting by Joseph Wright, 'Experiment with an Airpump' (Alexander Wragge-Morley, HPS)
2. Giovanni Battista Pittoni, 'An Allegorical Monument to Sir Isaac Newton' (Allison Ksiazkiewicz, HPS)

- 7 February
1. Talk on methods for image research (Geoff Belknap, HPS)
 2. Robert Hooke's "Micrographia" (Alexander Wragge-Morley, HPS)

- 21 February
1. Anamorphoses (Chitra Ramalingam, Department of the History of Science, Harvard University)
 2. Exhibiting Difference: A Portrait of George Alexander Gratton the 'Spotted Negro Boy' (Temi Odumosu, Department of History of Art)

- 6 March
1. Mogg's Celestial Sphere (1813): The Construction of Polite Astronomy (Katie Taylor, HPS)
 2. 'Simultaneous equations'. On a plate from 'The method of fluxions and infinite series: with its application to the geometry of curve-lines / By the inventor Sir Isaac Newton, as translated by John Colson (1736)' (David Allan Feller, HPS)

Easter Term 2008

Departmental Seminars

Seminars are held on Thursdays from 4.30 to 6.00pm in Seminar Room 2, Department of History and Philosophy of Science, Free School Lane, Cambridge. There is tea beforehand from 4pm in Seminar Room 1. Organised by Lauren Kassell.

1 May **Andrew Barker (University of Birmingham)**
Rolling up the history of a science: Greek musical theorists on their predecessors

Like other ancient scientists and philosophers, Greek musical theorists comment from time to time on the work of earlier writers. This paper is an attempt to explore some aspects of their treatment of them, and in particular the extent to which we can credit them with a recognisably ‘historical’ perspective. I shall first sketch in outline the approaches taken by a few individual theorists, treating them as representative of different schools of thought and different periods. I shall conclude that they show very little sign of interest in the ways in which the discipline has developed over time, in the relative chronology of the predecessors they mention, or in the ways in which their ideas and approaches differ; and they rarely quote directly from their writings. I shall suggest some broad-brush explanations of why they proceed as they do. Then I shall look in rather more detail at one exceptional case. There is one writer who mentions the work of earlier ‘authorities’ very much more frequently than most, and adorns his presentation with a lavish selection of quotations from them; the writer is Porphyry, in his commentary on Ptolemy’s *Harmonics*. Aside from his habit of frequent quotation, however, we shall find very similar symptoms even in Porphyry, and we shall find reasons for pressing the question *why* he incorporates such a rich harvest of quotations into his text, as others do not. The reasons he offers himself are thoroughly unconvincing.

8 May **John Dupré (University of Exeter)**
What is an organism?

Although philosophers of biology have spent considerable effort problematizing such key biological concepts as the gene and the species, they have generally treated the organism as fairly unproblematic. This talk aims to end this complacency. Recent work on symbiosis, especially with regard to the typical functioning of microbes in multispecies communities (biofilms) and in mutualistic relation with the more charismatic eukaryotes that have always attracted more than their fair share of attention, suggests that the lines we draw round cooperating groups of cells to demarcate organisms are, if not arbitrary, at least underdetermined. What we call an organism is a cooperative aggregation of diverse lineages, but there is no unequivocal criterion for which of these are part of the whole. Or so I shall argue.

15 May **Sylvia Berryman (University of British Columbia)**
The ‘mechanical hypothesis’ in Ancient Greek natural philosophy

I argue that the impact of the mechanics of the Hellenistic period on ancient natural philosophy has been underappreciated, and that the reasons for its rejection by the philosophical schools of late antiquity need to be re-examined. Traces of a ‘mechanical hypothesis’ can be found in late antiquity; attention to this helps us understand the role of the discipline of mechanics in the history of natural philosophy. The reason for the Neoplatonist rejection of the generality of mechanical theory stem from some unsolved problems and counter evidence, rather than a blanket rejection of mechanics as mere art, as marvellous, or as working ‘against nature’.

29 May **James Delbourgo (McGill University and Visiting Fellow, CRASSH)**
Slavery in the cabinet of curiosities: Hans Sloane’s Atlantic world

The history of science has rarely if ever explored the links between making natural knowledge and the practice of African slavery in the early modern era. Science and slavery would seem to have represented opposite extremes of hierarchies of work and skill: the agency of rational ingenuity versus the regimented command of productive hands and bodies. By the eighteenth century, figurative chains of being contrasted the apex of Newtonian genius with the nadir of ‘Hottentot savagery’. The varied career of the naturalist-collector Hans Sloane (1660-1753) provides a rich opportunity to explore how worlds of slavery and science were, however, connected rather than separate. Best known for assembling the collection of natural specimens and artificial curiosities that formed the basis of the British Museum, Sloane spent fifteen months in Jamaica during 1687-1689 and, in the aftermath of this voyage, appears to have become the first person in western Europe to collect, preserve and describe artefacts pertaining specifically to slavery: nooses and whips to discipline and execute Africans; their musical instruments and culinary utensils; clothing and weaponry used by Maroon rebels in Jamaica; and also African human remains, including skin, foetal and genital material. Sloane thus anticipated abolitionist campaigners later in the century, who collected and displayed the instruments of enslavement. His career invites exploration of how slavery was made public through objects of curiosity well before abolitionist debates made such artefacts triggers of political concern. The paper aims to raise several related questions: how slavery both supported the practice of natural science and stimulated thinking about ‘race’; how natural history’s

regimes of collection, description and preservation enabled invisible instruments of economic utility to become visible objects of curiosity and, ultimately, politics; and how enslaved African agency both made and contested knowledge in the Atlantic world.

12 June **Serafina Cuomo (Birkbeck, University of London)**
A Roman engineer's tales

I will look at one object, a broken column found in Algeria and dating from the second century AD, from three different points of view, with the aim of exploring the various ways in which we can write the history of ancient technology today. The column is inscribed on its three sides, and tells the story of Nonius Datus, a military engineer who designed and, over the years, guided the completion of an aqueduct in the ancient Roman town of Saldae, on the Algerian coast. Firstly, I will look at how the column can be, and has been, used to derive 'straightforward' information about aqueducts, tunnels and water supply administration in Roman times. Next, I will explore the ways in which technology can be considered an instrument of empire, and reveal the afterlife of Nonius Datus' column in the nineteenth century, when the French army engineers decided to provide Saldae (by then Bougie) with a new aqueduct. Finally, I will focus on Nonius Datus as an individual, and on what he (emphasize he) may have thought he was doing by leaving a 'technological' monument behind.

Thirteenth Annual Hans Rausing Lecture

John Krige (Georgia Institute of Technology)
Shaping postwar Europe: science, technology and American soft power
Thursday 22 May at 4.30pm, Mill Lane Lecture Room 1

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 Salim Al-Gailani.

28 April **Neil Rennie (University College London)**
Mary Read and Anne Bonny: two eighteenth-century pirates

12 May **Stéphane Schmitt (Université Paris Diderot)**
Buffon and Martinet's *Natural History of Birds* (1765-1783): text, images and collections

Wed 14 May Trip to Stowe landscape gardens

19 May **Ralph Kingston (Auburn University)**
Spaces of geography in early nineteenth-century Paris

26 May **Patricia Fara (Clare College and HPS, Cambridge)**
Triangulations: poetry, plants and politics in the late eighteenth century

2 June **Michael Stevens (University of Otago)**
Knowledge-making in southern New Zealand

9 June *Garden Party*: 12noon in Gonville and Caius Fellows' Garden
Featuring an informal talk by **David Allan Feller (HPS, Cambridge)**: 'The Memoirs and Natural History Observations of Ox, an English Dogge and Traveler'

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

Seminars are held on Wednesdays at 5pm – but note the early start for Barbara Wurm's talk – in Seminar Room 2. Tea is available from 4.40pm. All welcome. Organised by John Forrester and Deborah Thom.

30 April **Barbara Wurm (Internationales Forschungszentrum Kulturwissenschaften, Vienna)**
The psycho-reflexology of film: Soviet non-fiction cinema of the 1920s
At 4.30, prior to the talk, Barbara Wurm will show an edited version of *Mekhanika golovnoy mozga* (*The Mechanics of the Brain*) by Vsevolod Pudovkin, USSR 1925/26. Her paper will follow on directly.

14 May **Gavin Miller (Manchester Metropolitan University)**
Scottish psychotherapy: communion, community and communication

Relativism Group

Meetings take place fortnightly on Tuesdays, 3.00-4.30pm in Seminar Room 1. In some weeks the focus will be a talk, in other weeks we will discuss a key text. (Copies of these texts will be available in the Whipple Library.) Everyone welcome! For further information contact Martin Kusch.

- 6 May **Hazim Shah (University of Malaysia, Kuala Lumpur)** will give a talk entitled 'Science, Modernity and Universalism: The Janus Face of Modern Science'.
- 20 May Discussion of Edmund Husserl, 'Psychologism as Sceptical Relativism', in Husserl, *Logical Investigations*, v. 1, ch. 7; and Karl Popper, 'The Myth of the Framework', in Popper, *The Myth of the Framework*, Routledge, London, 1994.
- 3 June Discussion of David Bloor, 'Relativism at 30,000 Feet', in Massimo Mazzotti (ed.), *Knowledge as Social Order*, Ashgate, Aldershot, 2008; and David Bloor, 'Epistemic Grace: Antirelativism as Theology in Disguise', in *Common Knowledge* 13 (2007).
- 17 June Discussion of Bernard Williams, 'The Truth in Relativism', in Williams, *Moral Luck*, Cambridge University Press, 1981; and Bernard Williams, 'Relativism and Reflection', in Williams, *Ethics and the Limits of Philosophy*, Fontana, London, 1985.

Science and Literature Reading Group

We meet on Mondays from 7.30 to 9pm in the upstairs seminar room of Darwin College. All are welcome! Organised by Daniel Friesner (Science Museum) and Melanie Keene (HPS). For further information, visit our weblog: <http://sci-lit-reading-group.blogspot.com>

This term we will be exploring science and poetry. In the first three meetings, we will look at Robert Crawford (ed.), *Contemporary Poetry and Contemporary Science* (OUP, 2006). A copy of the book is available on reserve in the Whipple Library. We will explore the whole book, but in particular the following. Please feel free to bring along other poems that you would like to discuss.

- 28 April Miroslav Holub, 'Rampage, or Science in Poetry' (pp. 11-24)
Robert Crawford, 'Biology', with introduction by Rona R. Ramsay (pp. 69-71)
- 12 May Jocelyn Bell Burnell, 'Astronomy and Poetry' (pp. 125-140)
John Burnside, 'Steinar Undir Steinahlithium', with introduction by R.M.M. Crawford (pp. 107-109)
- 26 May Kay Redfield Jamison, 'Contemporary Psychology and Contemporary Poetry: Perspectives on Mood Disorders' (pp. 191-203)
Paul Muldoon, 'Once I looked into your eyes', with introduction by Warren S. Warren (pp. 167-169)
- 9 June The final meeting will be a creative writing workshop. Please bring along your own poems and writings! We hope to have a creative writing tutor present, to facilitate the discussion.

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 Iris Montero if you are interested in giving a paper.

- 30 April **Katie Taylor (HPS, Cambridge)**
Thomas Digges' astronomy
- Thu 15 May **Patrick Boner (Bayerische Akademie der Wissenschaften)**
Finding favour in the heavens and earth: Georg Stadius, Johannes Kepler and the composition of astrological calendars in early modern Graz
- 28 May **Lydia Wilson (HPS, Cambridge)**
The natural and the divine in Al-Farabi's classification of knowledge
- 11 June **Valentina Pugliano (University of Oxford)**
'In shape vnparfett that nature hathe not drest': vision, experience and incongruous anatomies in early modern England

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.

- 7 May **Elly Kingma (HPS, Cambridge)**
A social construction of health
- 21 May **Paul Dicken (HPS, Cambridge)**
Constructive empiricism as an epistemological thesis
- 4 June **Sasha Mudd (HPS, Cambridge)**
Reason in action: a Kantian view of norms

Metaphysics of Science Reading Group

The group will meet four times fortnightly this term, Mondays 1.00-2.30pm in the HPS Lodge. We will be reading from *Cause and Chance: Causation in an Indeterministic World*, edited by Paul Noordhof and Phil Dowe. The book is on reserve in the Whipple Library and photocopies are also available for easy copying (since the book is only available in hardback). All welcome. Organised by Alex Broadbent.

- 28 April ‘Counterfactuals and the benefit of hindsight’ by Dorothy Edgington
- 12 May ‘Chance-lowering causes’ by Phil Dowe
- 26 May ‘Routes, process and chance-lowering causes’ by Christopher Hitchcock
- 9 June ‘Prospects for a counterfactual theory of causation’ by Paul Noordhof

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, however rusty your Latin.

From time to time the group also organises social events and field trips. Details of past events and publications, together with a host of Latin-related links and resources, can be found on the group’s website at www.hps.cam.ac.uk/latintherapy.

For more information, and to be added to the mailing list, please contact Jenny Rampling.

German Therapy

German Therapy is open to anyone who would like to learn how to read and understand original German sources and discuss possibilities of translating them to English. Last term we read and translated Wittgenstein’s *Philosophische Untersuchungen* and some short texts by Kant and Heidegger. Members are very welcome to bring a text which is currently part of their research. We also do exercises to improve or brush up our grammar and reading skills. The course does not require an advanced level of German. All are welcome to attend.

Meetings will take place on Thursdays, 9.00-10.30am in Seminar Room 1, starting on 24 April. The texts can be found in the German Therapy box in the Whipple Library. We will translate a short extract of Nietzsche’s *Fröhliche Wissenschaft* on 24 April (please prepare).

For further information please contact Mirjam Brusius.

History and Theory Reading Group

The group will discuss articles (their own, and those of others) relating to problems of historical research, interpretation, explanation and narration. Articles will be placed well in advance in a History and Theory box in the Whipple.

We meet on Fridays, 2.30pm to 4pm in the HPS Lodge. Organised by Signe Nipper Nielsen.

- 2 May **John Forrester:** Metaphors in history and science: history of memory, history as memory
Douwe Draaisma (1995/2000): *Metaphors of Memory. A History of Ideas about the Mind*, trans. Paul Vincent, Cambridge: C.U.P., pp. 1-23 and pp. 230-3. [The first twenty pages of this can be read online at Google Books.]
Sigmund Freud (1925): 'A Note Upon the "Mystic Writing-Pad"'. In: *The Standard Edition of the Complete Psychological Works of Sigmund Freud*, Vol. XIX (1923-1925): *The Ego and the Id and Other Works*, pp. 225-232 [Available within the cam domain at www.pep-web.org]
- 16 May **Iris Montero Sobrevilla:** The peripheral/postcolonial standpoint
Agustí Nieto-Galán (1999), 'The Images of Science in Modern Spain. Rethinking the "Polémica"', in *The Sciences in the European Periphery During the Enlightenment*, ed. Kostas Gavroglu, Kluwer Academic, pp. 73-94.
Jorge Cañizares-Esguerra (2003): 'Postcolonialism avant la lettre? Travellers and Clerics in Eighteenth-century Colonial Spanish America', in *After Spanish Rule. Postcolonial Predicaments of the Americas*, eds. M. Thurner and A. Guerrero, Duke U. P., pp. 90-110.
- 30 May **Paul White:** Emotional economies
Adela Pinch (1995): 'Emotion and History: A Review Article', in *Comparative Studies in Society and History*, 37:1, pp. 100-109. www.jstor.org/stable/view/179379
Nicola Bown (2007): 'Introduction: Crying over Little Nell', in *19: Interdisciplinary Studies in the Long Nineteenth Century*, 4, pp. 1-13. www.19.bbk.ac.uk/issue4/BownIntroduction.pdf

Scientific Images Discussion Group

This seminar aims to discuss the relationship between history and philosophy of science and the visual image. Almost all of us come across scientific images in our research; there is, however, no clear consensus of how best to incorporate visualisation into fields of studies. If we do not want to consider scientific images merely as illustrations of a text, how can we use appropriate methods and concepts in order to get results beyond the pure text? The group aims to face these challenges and deal with the methods, treatment and interpretation of scientific images, that will include images as a constitutional part of knowledge and evidence as well as images of the fine arts reflecting science. All welcome.

Meetings will take place four times each term, Thursdays, 11am-1pm in Seminar Room 1. Each presenter will choose a text to be prepared by the group for their topic. You will find these texts in advance in the group's box in the Whipple Library.

If you want to give a talk, join the group, or be put on the mailing list, please contact Mirjam Brusius.

- 24 April 1. 'Editing early-modern astronomical diagrams' (Boris Jardine)
2. 'Jan Vermeer's images of scientists and Pascal's "esprit de finesse": art, philosophy and science in the Dutch Golden Age' (Mirjam Brusius)
- 8 May 1. 'Portrait of a spark: William Armstrong's photographs of electricity (1897)' (Chitra Ramalingam)
2. 'The problem with periodicals in the 19th century' (Geoff Belknap)
- 22 May 'Guide dogs for the sighted: the role of *canis familiaris* in constructing images of Victorian town and country' (Allison Ksiazkiewicz, David Allan Feller)
- 12 June 1. 'Topographical anatomy and the visual culture of Edinburgh obstetrics' (Salim Al-Gailani)
2. 'Modernist aesthetics, Marxist science' (Boris Jardine)

Kant Reading Group

The Kant Reading Group will be meeting on Tuesdays, 1.00–2.30pm in the HPS Lodge. Everyone welcome! For more information, or if you would like to be added to the mailing list, please contact Angela Breitenbach.