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Cover photograph: the Whipple Museum's new staircase

The Department

Introduction

Welcome to the 2005-06 Annual Report! It was a busy year and once again, individuals and groups from the Department were successful in obtaining prizes, grants, fellowships and directorships. In particular Nick Hopwood won a 2006 Pilkington Teaching Prize, Tim Lewens won a 2005 Philip Leverhulme Prize, Jim Secord took up a part-time secondment as Director of the Darwin Correspondence Project, Andrew Cunningham got his own Radio 4 show, and Simon Schaffer continues to be on TV a lot! But you will need to read the report to find out more about these things.

It was another year where space and buildings occupied a lot of our time. A HEFCE award allowed us to have a new staircase and lift built at the back of the building to improve access to the Museum. Work was set to be complete by March 2006 but was held up because underground tanks were discovered and had to be excavated before footings could be laid, and the fantastic windows were manufactured incorrectly twice and this affected many of the sub-contractors working on the project. It was very frustrating for all concerned as it was not completed until the start of October 2006 – it was handed over on the first day of Michaelmas Term – only 7 months off schedule! However, now it is finished the lateness has been forgotten as the end result is a magnificent addition to the Department which not only provides much easier access to the museum, the library, Seminar Room 2 and the store rooms, it also enhances the galleries and has improved the work room. If you have the opportunity, please take a wander through the museum and enjoy the new space.

During the year, Seminar Room 2 was remodelled. With the improved access at the back of the building a corridor was no longer necessary in the basement, so this was removed and the room was opened up, much improving its shape. It also benefited from new furniture, lights and décor, and so Seminar Room 1 didn't feel left out, we gave that a lick of paint and new carpet as well. Finally, we really pushed the boat out and treated ourselves to a new doormat – the Department looked pretty smart at the start of Michaelmas Term 2006!

The SRIF3 bid for nearly 1.67 million pounds to convert the Heycock Lecture Theatre into a modern new Whipple Library was successful, and we will be working with the same architect who did the staircase and lift in the renovations, so hopes are high that this will be a stunning new addition to the Department. We expect the project to be complete in the spring of 2008.

Thanks to everyone who contributed to this report and to the thriving atmosphere in the Department.

Staff and affiliates

Administrative Staff

Tamara Hug
Steve Kruse
David Thompson

Computing Staff

Mark Rogers

Library Staff

Tim Eggington
Dawn Moutrey

Museum Staff

Elizabeth Hart
Ruth Horry
Lisa Newble
James Hyslop
Boris Jardine

Teaching Officers

Jon Agar
Sungho Choi
John Forrester
Nick Hopwood
Nick Jardine
Stephen John
Lauren Kassell
Martin Kusch
Tim Lewens
Peter Lipton
Eleanor Robson
Simon Schaffer
Jim Secord
Liba Taub

Affiliated Lecturers

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

Research Fellows

Tatjana Buklijas
Andrew Cunningham
Ipek Demir
Emese Lafferton
Andreas Mayer
Richard Noakes
Martin Peterson
Rob Ralley
Laurence Totelin
Sarah Wilmot

College Research Fellows

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

Affiliated Scholars

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

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

Visitors and students

Visiting Scholars

Timo Airaksinen
Jan Altmann
Eric Ash
Mieke Boon
Subrata Chattopadhyay
Steffen Ducheyne
Gregory Good
Ernst Hamm
Sonia Horn
Lydia Jaeger
Sheila Jasanoff
Antonio Pérez-Ramos
María Puig de la Bellacasa
Stefan Sperling
Julia Voss

Visiting Students

Martin Amrein
Rony Armon
Abhijeet Bardapurkar
Angela Breitenbach
Laura Bujalance
Marcel Chahrour
Marie Hidle
Martin Kjellgren
Cornelis Menke
Stefan Pohl
Alistair Sponsel
William Thomas

PhD Students

Katherine Angel
Caroline Baumann
Lorenzo Bernasconi
Patrick Boner
Stefan Brenner
Michael Bresalier
Alex Broadbent
Hsing-Zen Chen
Yoon Choi
Mike Collins
Robert Cord
Paul Dicken
Sarah Dry
Bonnie Evans

William Grundy
James Hannam
Ben Irvine
Natalie Kaoukji
Melanie Keene
Elisabeth Kingma
Sharon Ku
Wang-Yen Lee
Helen Macdonald
Saira Malik
Christina McLeish
Sasha Mudd
Lisa Mullins
Ayesha Nathoo
Arash Pessian
Meredith Price
Torben Rees
Nicky Reeves
Francis Reid
Leon Rocha
Joab Rosenberg
Ayako Sakurai
Joe Sandham
Jeff Skopek
Alireza Taheri
Anke Timmermann
Adam Toon
Nick Tosh
Lydia Wilson

MPhil Students

Salim Al-Gailani
Saffron Clackson
Charlotte Cooke
Sophia Davis
David Feller
Elise Juzda
Tamara Kayali
Kevin Moos
Margaret Olszewski
Kit Patrick
Elizabeth Smith
Benjamin Sun
Olivier Usher
Rebecca Wexler
Nicholas Whitfield

Part II students

Naomi Adey
Josh Bailey
Avani Birla
Katherine Boon
Chris Boulden
Elizabeth Bradford
Laurence Brenig-Jones
Simon De Ferry
Charles di Castiglione
Jane Duru
Adam Dyer
Susan Edwards
Ruth Fasham
Michael Finn
Julie Gray
David Greenwood
Rachel Guebert
Stephen Heath
Henry Hobson
Lana Kettle
Hyun-Kyung Kim
David Kirby
Thomas Kohler
Dana Kroop
Chen-Yang Li
Lily Li
Georgina Matson-Phippard
Will McMullan
Neera Raghavan
Joanna Rose
Abigail Roseman
Poorti Sapatnekar
Kyle Scott
Hugh Simon
Emma Soper
Lynette Talbot
Lydia Tong
Tom Walker

BBS Part II students

Elinor Baker
Anouska Bhattacharyya
Willow Hewitt
Elizabeth Hornshaw
Sharanjit Jaswal
Hannah Wood

Comings and goings

Jon Agar completed his short-term lecturing post in September 2006. He had been covering for Jim Secord while he had a three-year Leverhulme Leave Fellowship. Jon Agar is now a Visiting Associate Professor in the Department of the History of Science at Harvard University.

Sungho Choi completed a one-year lectureship in August 2006. He is now a research fellow in philosophy at the University of Sydney.

Ipek Demir completed her one-year ESRC Fellowship in July 2006. She is now a lecturer in sociology at the University of Leicester.

Emese Lafferton completed her three-year Wellcome Trust Fellowship in September 2006. She has been appointed to a three-year lectureship in history and sociology of medicine in the Science Studies Unit, University of Edinburgh.

Elaine Leong joined us in September 2006, covering for Lauren Kassell while she takes a year's research leave.

Ulrich Stegmann joined us in October 2006 on a three-year British Academy Fellowship.

Laurence Totelin joined us in January 2006 on a three-year Wellcome Trust Fellowship

Sarah Wilmot completed her three-year ESRC Fellowship in September 2006.

Roles and responsibilities

Departmental positions

Head of Department: Peter Lipton

Chairman of the HPS Board: Martin Kusch

Secretary of the Board: Tamara Hug

Director of Graduate Studies: Nick Jardine (Michaelmas and Lent); Tim Lewens (Easter)

Secretary of the Degree Committee: Tamara Hug

MPhil Manager: Eleanor Robson

Part II Manager: Martin Kusch

Part IB Manager: Simon Schaffer

HPS Board and Degree Committee

Professors and Readers: Nick Jardine, Martin Kusch, Peter Lipton, Simon Schaffer, Liba Taub

Curator and Director of the Whipple Museum: Liba Taub

Administrative Officer: Tamara Hug

Librarian: Tim Eggington

General Board Members: Michael Akam, Ulinka Rublack

Co-options: Jon Agar, Tim Lewens, Halvard Lillehammer, Neil Manson, Eleanor Robson

Elected Senior Members: Marina Frasca-Spada, Nick Hopwood, Peter Jones, Lauren Kassell, Anne Secord

Invited Members: Sungho Choi, Stephen John

Elected Junior Members: Kevin Moos (Graduate); Anouska Bhattacharyya, Simon De Ferry (Undergraduates)

Philosophy Faculty Board

HPS Representative: Stephen John

Examiners

NST Part IB History and Philosophy of Science

Senior Examiner: Eleanor Robson

External Examiner: Dr Graeme Gooday (University of Leeds)

Examiners: Sungho Choi, Lauren Kassell, Peter Lipton, Matteo Mameli, Sarah Wilmot

NST Part II History and Philosophy of Science

Senior Examiner: Simon Schaffer

External Examiner: Dr John Christie (University of Leeds)

Examiners: Jon Agar, Tatjana Buklijas, Alix Cohen, Jim Endersby, Martin Kusch, Mark Sprevak, Frances Willmoth

BBS Part II Medicine, Ethics and Law

Senior Examiner: Stephen John

External Examiner: Professor Graeme Laurie (University of Edinburgh)

MPhil

Senior Examiner: Jon Agar

External Examiner: Dr Rob Iliffe (Imperial College)

Prizes, projects and honours

Student prizes

Margaret Olszewski was awarded the Ninth Annual Waterman Prize for her MPhil essay 'Papier-mâché flowers, fruits and seeds: the botanical models of Louis Thomas Jérôme Auzoux'. The Waterman Prize is awarded annually to the student who has produced the best work using the collection of the Whipple Museum.

Sophia Davis and **Rebecca Wexler** were jointly awarded the Third Annual Rausing Prize for the best performance in the dissertation component of the MPhil.

Salim Al-Gailani was awarded the Ninth Annual Jennifer Redhead Prize for the best performance in the essay component of the MPhil.

Chris Boulden was awarded the 2006 Bronowski Prize for the best performance in the HPS Part II course.

New research projects

Martin Peterson transferred his three-year project 'Prioritising in emergency planning: risk and the example of bird flu', sponsored by the Swedish Emergency Management Agency, from the University of Lulea in March 2006.

Laurence Totelin was awarded a Wellcome research fellowship, starting in January 2006, to work on 'What's in a name? Authorship and authority in the transmission of medicinal recipes from Hippocrates to Galen'.

Prizes and honours

Nick Hopwood was awarded a Pilkington Prize at a ceremony on 6 July 2006. Pilkington Prizes are awarded annually by the University to recognise outstanding contributions to the development of teaching.

Tim Lewens was awarded a Philip Leverhulme Prize in 2005.

Martin Rudwick was elected a *membre effectif* of the Académie Internationale d'Histoire des Sciences (he has been a *membre correspondant* since 1983). His book *Bursting the Limits of Time* (University of Chicago Press) received the 2005 award for history of science from the Association of American Publishers.

Seminars and special lectures

Rausing Lecture

Professor Nelly Oudshoorn of the University of Twente gave the Eleventh Annual Hans Rausing Lecture in the History of Technology and Industry on 18 May 2006. The title of the lecture was 'From victims to heroes? Rethinking the role of users in technoscience'.

Wellcome Lecture

Professor Helen King of the University of Reading gave the First Cambridge Wellcome Lecture in the History of Medicine on 1 December 2005. The title of the lecture was 'Women's bodies in sixteenth-century medicine: using the classical tradition'.

Inaugural Lecture

Professor Martin Kusch gave his inaugural lecture, 'Scepticism and the sociology of knowledge', on 16 March 2006.

Seminars, reading groups and workshops

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

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

History of Medicine Seminars (Michaelmas and Lent Terms) organised by Lauren Kassell, Tatjana Buklijas and Soraya de Chadarevian

From Generation to Reproduction (Lent Term) organised by Lauren Kassell

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

Criticism and Culture organised by Mary Jacobus and David Hillman

Cabinet of Natural History organised by Francis Reid

Epistemology Reading Group organised by Peter Lipton

STS Workshop (Michaelmas and Lent Terms) organised by Jon Agar, Ipek Demir, Rob Doubleday and Martin Kusch

History of Science Workshop organised by Anke Timmermann, Nicky Reeves and Leon Rocha

Philosophy Workshop organised by Mark Sprevak

Reading Kant organised by Yoon Choi, Alix Cohen and Marina Frasca-Spada

Wittgenstein Reading Group (Michaelmas and Lent Terms) organised by Lorenzo Bernasconi and Bill Grundy

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

Modal Logic Reading Group organised by Paul Dicken

Heidegger Reading Group (Lent and Easter Terms) organised by Paul Dicken

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

Judith Butler Reading Group (Lent and Easter Terms) organised by Leon Rocha

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

German Therapy Group organised by Anke Timmermann and Angela Breitenbach

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

Students

Student statistics

Student numbers

Undergraduates	NST Part II.....	37
	BBS Part II (major)	5
	NST Part IB	68

Graduates	MPhil.....	16
	PhD	42

Examination results

NST Part II	1.....	5	(14%)
	2i	30	(81%)
	2ii	2	(5%)
	3.....	0	
	Fail	0	

NST Part IB	1.....	13	(19%)
	2i	29	(42%)
	2ii	27	(39%)
	3.....	0	
	Fail	0	

Graduate degrees awarded

MPhil degrees awarded.....	15
PhD degrees awarded.....	9

Part II primary sources essay titles

PAPER 1: Parpola, *Letters from Assyrian and Babylonian Scholars*

A critical discussion of report and letter writing by Assyrian astrologers: comparing the scholars Balasi and Nabu-ahheriba

A study into the gods invoked in Assyrian royal correspondence

Extispicy in the neo-Assyrian court: its practices and importance within divination

Insights from letters from Assyrian and Babylonian scholars into the Substitute King Ritual and the extent to which they confirm the information found in the Ritual Tablet concerning the Substitute King

Magical elements in the medical letters

Mental illness in Ancient Assyria: symptoms, origins and cures attested in the scholarly letters to kings, 672-666 BCE

The king's right hand men: a discussion of the role and status of Assyrian scholars at court

What can the Assyrian scholarly letters tell us about the personalities of their authors?

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

Bernard le Bovier de Fontenelle, tr. by Aphra Behn, *A Discovery of New Worlds* (1688)

Fontenelle and the question of genre

Literary imagery and the theatre in *A Discovery of New Worlds*

Nature in Fontenelle's *Entretiens sur la Pluralite des Mondes* as translated by Aphra Behn

The French Cicero: Fontenelle's oratorical claims

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

An analysis of Richard Owen's review on *The Origin of Species*

Charles Darwin, Asa Gray, and the problem of design

Darwin, Lyell and the question of progressivism

Did Darwin's contemporaries find the *Origin* morally bankrupt or religiously enriching?

Swamping revisited: a reassessment of the impact of Fleeming Jenkin's arguments against natural selection on the text of the 5th edition of *The Origin of Species*

Thomas Huxley's early response to and treatment of the *Origin of Species*

PAPER 4: Fraassen, *The Scientific Image*

A discussion of the 'no miracles' argument for scientific realism

An exploration of van Fraassen's critique of inference to the best explanation. Has van Fraassen shown realism to be impotent?

Can constructive empiricism survive Musgrave's claim against the observable/unobservable distinction?

Can the realist give a correct account of the pragmatic dimension of theory acceptance?

Can you make a distinction between observable and unobservable entities, and is it important to van Fraassen's theory?

Constructive empiricism explaining the success of science

Has van Fraassen shown the dichotomy of the Manifest Image and the Scientific Image to be non-existent?

Inference to the best explanation in the scientific realism debate

Manipulation versus observation: should we only believe our eyes?

Musgrave's objection to the observable/unobservable distinction

Selectivity in the limitations of observability in constructive empiricism: how do limitations of the epistemic community shape the limits of observability in *The Scientific Image*?

The rationality of constructive empiricism and the belief-acceptance distinction

What constitutes van Fraassen's critique of 'inference to the best explanation'? How effective is his argument from indifference?

Why do Cartwright and van Fraassen reject realism, and which of their positions is more tenable?

PAPER 5: Searle, *The Construction of Social Reality*

A comparison of the analyses of power in John Searle's *The Construction of Social Reality* and Barry Barnes' *The Nature of Power*

A critique of *The Construction of Social Reality*: can Searle's 'solipsist' account of collective intentionality be a building block of social reality?

A discussion of John R. Searle's concept of collective intentionality

An analysis of collective intentionality and normativity in John Searle's *The Construction of Social Reality*
Is Searle's causal intentionality necessary?
Is Searle's collective intentionality acceptable for its role in his theory of *The Construction of Social Reality*?
John Searle on rule-following and the background
John Searle's *The Construction of Social Reality* and the Sociology of Scientific Knowledge
What are the political implications of Searle's *Construction of Social Reality*?

PAPER 6: Freud, *The Interpretation of Dreams*

Can Freud's theory of dreams be applied in all cases?
Freud's dream of Irma's injection and the birth of psychoanalysis
Freud's pre-emption of criticism in *The Interpretation of Dreams*, and its justification in view of the early critical reviews
Is Freud attempting to gain power over his patients through *The Interpretation of Dreams*? If so, what are the techniques he uses?
Making a classic: why *The Interpretation of Dreams* remains so popular
Textually analyse *The Interpretation of Dreams*, discussing changes occurring throughout the book and how they are effected
The arbitrariness in Freud's interpretive method of dreams
To what extent did Nietzsche anticipate *The Interpretation of Dreams*?

PAPER 7: Crooke, *Microcosmographia*

An examination of Helkiah Crooke's 'two-sex model' and its place in 17th-century England
An exploration of early modern attitudes to the womb as portrayed in Crooke's *Microcosmographia*
Anatomical illustration in Crooke's *Microcosmographia*
Ideas about seed, sex and orgasm in Helkiah Crooke's *Microcosmographia*
Monsters as imperfections of sex and nature in Helkiah Crooke's *Microcosmographia*
Sex, gender and hermaphrodites in Crooke's *Microcosmographia*
Sex, hermaphroditism and the *Microcosmographia*
The womb as a cause of disease in Helkiah Crooke's *Microcosmographia*

PAPER 8: Crew, 'Social biology and population improvement'

Raising the average: how the scientists of the Geneticists' Manifesto hoped to make genius the norm
The Geneticists' Manifesto: the product of a particular time

PAPER 9: Sokal, 'Transgressing the boundaries' and 'Revelation'

Authority, trust and convention: shifting interpretations of the Sokal hoax
What made the Sokal hoax a hoax, and does anyone actually care?

PAPER 10: Carson, *Silent Spring*

A comparison of *Silent Spring* (Rachel Carson, 1962) and *Our Synthetic Environment* (Murray Bookchin, 1962) and the reception they received upon release
A measured tread through a *Silent Spring*: Rachel Carson's use of quantification
A *Silent Spring* or a 'Desolate Year'? Monsanto's parody and the reception of *Silent Spring*
Before and after *Silent Spring*: Rachel Carson in the environmentalist tradition
Compare the reception and influence of Rachel Carson's *Silent Spring* to James Lovelock's *Gaia: A New Look at Life on Earth*
Nature fights back: a discussion of the use of conflict metaphors in the media coverage of scientific controversy
Rethinking experts: Sociology of Scientific Knowledge's reading of *Silent Spring*
Silent Spring and *The Hidden Persuaders*: a comparative analysis
The nature and motivation of Carson's attitude towards farmers in *Silent Spring*
The 'new class': are Rachel Carson, Joseph Heller and Harper Lee from the same school?
The 'noiseless killer' in *Silent Spring*: Rachel Carson's representation of her cancer in her final book
The study of the reviews of *Silent Spring* in *The Economist* and *Time* magazine
The use of birds in *Silent Spring*
Was Rachel Carson's treatment of the possible links between pesticide use and cancer in *Silent Spring* fair?

Part II dissertation titles

A communion of saints: from beatification to bulimia
A discussion on Matteo Ricci's interpretation of the Chinese concept of Wu Xing (Five Phases or Elements) and its comparison with the Greek concept of the Four Elements
A historiography of the role given to Copernicus by modern historians in their accounts of the Scientific Revolution
An investigation of Meaning Scepticism and relativism
Anatomy and the criminal body
Are orreries 'Newtonian'? A consideration of the material, textual and pictorial evidence
Brave New Worlds
Can a counterfactual theory of causation survive the problems of pre-emption?
Cartesian foundations
Child health in the eighteenth century
Darwin at Cambridge: the making of a naturalist
Discrimination in science? A case study of Jocelyn Bell Burnell
Doubt and uncertainty: Richard Feynman's relationships with authority
Dualism and the knowledge argument
Ethical issues surrounding the Northwick Park Hospital TGN1412 trials
Hacking: an indeterminacy in the past
History of psychiatry/psychology in 20th-century England
How Freud's renunciation of the Seduction Theory affected attitudes to child abuse in the twentieth century
How important was *Science: The Endless Frontier* to post-war science policy in the United States?
How philosophers use intuition: a critical discussion
Incommensurability and realism
Making scientific knowledge and applying scientific categories: the international response to the Aids epidemic
Medical and religious conceptions of plague in Early Modern Europe
Medical experimentation on slaves in the American South and British West Indies, 1780-1850
Medicine and natural history in Early Modern Europe
Medicine in colonial India
Miracles and testimony: refuting Hume's argument
NGO science: a study of the Greenpeace Research Laboratories
Pragmatism and the evolution of scientific theories
Psychoanalysis and its uses in Britain during the First World War: the origin of mental health therapies
Ramesside star clocks: an analysis of their place within the astronomical material from the tombs of the 20th dynasty
Should epistemology be naturalised?
Testimony: searching for a descriptive model of testimony reception
The atomic bomb scientists and post-war popular politics
The beginnings of medical philanthropy
The epistemological subject: a feminist critique
The history of syphilis in Early Modern England
The Noble Savage in the Malay Archipelago: a comparison of the 19th-century first-hand accounts of indigenous people
The science of horse breeding
The secret of the Chamberlen family: the midwifery forceps
The treatment of schizophrenia in the US in the twentieth century
The uses of experiment at the Accademia del Cimento
Women's health in modern and ancient Iraq

MPhil essay and dissertation titles

Salim Al-Gailani

- Essays 'The consequence of return': tropical invalids in Britain, 1800-1866 (supervised by Sujit Sivasundaram)
Cultures of science, magic and masculinity in twentieth-century toy chemistry sets (supervised by Liba Taub)
'Sensation and movement': Charles Féré's experiments in psychophysiology considered (supervised by Andreas Mayer)
- Dissertation Towards a rational teratology? Case stories, maternal impressions and the origins of antenatal care (supervised by Nick Hopwood)

Saffron Clackson

- Essays Dworkin's 'prudent insurance' ideal for health care (supervised by Stephen John)
Explanation and unification (supervised by Peter Lipton)
Expert knowledge: looking at Collins and Evans' work on the third wave (supervised by Martin Kusch)
- Dissertation Global justice and health (supervised by Stephen John)

Charlotte Cooke

- Essays Loosening the fit and tightening the noose: Kant's Second Analogy and Newtonian Mechanics (supervised by Marina Frasca-Spada)
Supervenience and anomalous monism (supervised by Sungho Choi)
The new riddle of induction: a counterfactual solution? (supervised by Peter Lipton)
- Dissertation Searle's connection principle and its critiques (supervised by Martin Kusch)

Sophia Davis

- Essays Making the atomic bomb sublime? (supervised by Helen Macdonald)
Touching numbers (supervised by Eleanor Robson)
The vision of Ludwick Fleck (supervised by Nick Jardine)
- Dissertation Military landscapes: a case study of Orford Ness (supervised by Helen Macdonald)

David Feller

- Essays Dog fight: Darwin as animal advocate in the antivivisection controversy of 1875 (supervised by Jim Endersby)
The body electric: of corporeal confessions, privacy, and an epistemological rationale for American jurisprudence's rejection of lie detector testimony (supervised by Martin Kusch)
iPod: what historiography are you? (supervised by Jon Agar)
- Dissertation A sportsman hardly idle: Charles Darwin's hunting career and its impact on natural selection theory (supervised by Jim Moore)

Elise Juzda

- Essays 'Saving face': the emergence of British Craniometrical Theory, 1860-1890 (supervised by Sujit Sivasundaram)
The introduction of formaldehyde as an anatomical preservative, 1890-1910 (supervised by Tatjana Buklijas)
Fact, fiction and the sensationalization of wrongful confinement in Victorian asylums (supervised by Deborah Thom)
- Dissertation Anatomy in Cambridge in the late nineteenth century (supervised by Tatjana Buklijas)

Tamara Kayali

- Essays Parfit on wellbeing (supervised by Stephen John)
Molyneux's question: is the relation between touch and vision *a priori* or *a posteriori*?
(supervised by Peter Lipton)
The Mu'tazilites: does their physical theory illuminate their ethical theory?
(supervised by Nader El-Bizri)
- Dissertation Genetic engineering versus environmental engineering of children: is there an ethical difference?
(supervised by Tim Lewens)

Kevin Moos

- Essays Physicians, medicine and bodies in the writing of William Burroughs (supervised by Katy Price)
Thomas Kuhn: revolutions and changes in world view (supervised by Martin Kusch)
Anti-psychiatry and literature in twentieth-century America (supervised by Andreas Mayer)
- Dissertation History of psychiatry in Spain during the Spanish Civil War (supervised by German Berrios)

Margaret Olszewski

- Essays 'Paper Tête-à-tête': the correspondence between Madame du Deffand and Voltaire
(supervised by Patricia Fara)
Papier-mâché flowers, fruits and seeds: the botanical models of Louis Thomas Jérôme Auzoux
(supervised by Liba Taub)
Refashioning women: dress, science and the female body in late nineteenth-century Britain
(supervised by Tatjana Buklijas)
- Dissertation Cultivating women: plants, knowledge and gender in eighteenth-century Paris
(supervised by Nick Jardine)

Kit Patrick

- Essays Searching for biologically real race: are Andreasen's and Kitcher's 'new perspectives' any
improvement? (supervised by Matteo Mameli)
Laws and invariance (supervised by Peter Lipton)
Moral treatment at Bristol Pauper Lunatic Asylum, 1864-1866 (supervised by Deborah Thom)
- Dissertation Justice for microscopists: why even constructive empiricists should believe what they experience with
an electron microscope (supervised by Peter Lipton)

Elizabeth Smith

- Essays The use of instruments in propagating Newtonianism (supervised by Liba Taub)
The Copernican 500: astronomy education in the post-Sputnik 'space age' (supervised by Liba Taub)
William Gilbert: a historiographical examination (supervised by Richard Serjeantson)
- Dissertation The lost world: a new look at William Gilbert's *De Mundo* (supervised by Richard Serjeantson)

Benjamin Sun

- Essays The design inference and the likelihood principle (supervised by Peter Lipton)
The SARS crisis in Singapore (supervised by Soraya de Chadarevian)
Kripke's Wittgenstein and Bloor on the facts of meaning (supervised by Martin Kusch)
- Dissertation Evaluating the role of the science laboratory and practical work in secondary science education:
perspectives from science studies (supervised by Peter Lipton)

Olivier Usher

- Essays Controversies of vaccination: the case of polio (supervised by Soraya de Chadarevian)
Socialism, Sigerist and social history: the historiography of Charles Webster
(supervised by Andrew Cunningham)
Hydrogenated fats and hydrogen bombs: why risk theories do not offer a solution to the problem of
nuclear power (supervised by Stephen John)
- Dissertation Towards a 'third wave' of medicine: a comparative study of medical controversy
(supervised by Soraya de Chadarevian)

Rebecca Wexler

- Essays Aerial perspectives: photographic interpretation from the military to archaeology
 (supervised by Jon Agar)
- Onward Christian penguins: genre expectation in wildlife films and the appropriation of the scientific
 image (supervised by Helen Macdonald)
- Birdwatching birds: impacts of video technology on scientific observation
 (supervised by Simon Schaffer)
- Dissertation British and US military images of archaeological sites in Iraq, World War I, World War II, and present
 (supervised by Eleanor Robson)

Nick Whitfield

- Essays The naturalistic fallacy and socio-biology (supervised by Peter Lipton)
- Barry Barnes, Steve Fuller and Thomas Kuhn – the sociology of scientific expertise
 (supervised by Martin Kusch)
- The debate about the use of anti-coagulants in the transfusion of blood, 1915-1930s
 (supervised by Soraya de Chadarevian)
- Dissertation Blood donor recruitment campaigns in World War II Britain (supervised by Nick Hopwood)

PhD theses

Awarded

Tatjana Buklijas

‘Dissection, discipline and urban transformation: anatomy at the University of Vienna, 1845-1914’
(supervised by Nick Hopwood)

Victoria Carroll

‘Eccentricity and science in early nineteenth-century Britain’
(supervised by Nick Jardine)

Jenny Downes

‘Visual portrayals of the new astronomy: Johannes Hevelius (1611-1687)’
(supervised by Nick Jardine)

Axel Gelfert

‘The structure of testimonial knowledge’
(supervised by Peter Lipton)

Daniel Heard

‘Laws of nature: reductive metaphysics, anti-reductive semantics’
(supervised by Peter Lipton)

Ayesha Nathoo

‘Medicine and the media: negotiating the transplantable heart in Britain, 1967-69’
(supervised by Nick Hopwood)

Meredith Price

‘DNA and the news media: science journalism and the history of DNA research’
(supervised by Soraya de Chadarevian)

Ayako Sakurai

‘Science, identity and urban reinvention in mercantile city-state: the associational culture of nineteenth-century Frankfurt am Main’ (supervised by Nick Hopwood)

Mark Sprevak

‘Computation in Mind and World’
(supervised by Peter Lipton)

Transferable skills

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

Intellectual skills

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

University

Lectures

Seminars

Discussion groups and classes

Examinations

College

Advice from Director of Studies

Supervisions (discussion, reasoning, argument, problem-solving, reading and critical analysis)

Communication skills

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

University

Written:

Dissertation

Essays

Extended essays on primary sources

Oral:

Presentations at seminars, study groups and classes

Debating

Non-verbal:

Use of visual material

Setting up of case-studies of objects in the Whipple Museum

College

Meetings with Director of Studies and peers, supervisions (interaction with peers through discussion, argument, persuasion; remedial training in reading and writing for science undergraduates, how to organise an exam or a supervision essay or a more extended piece of work)

Other activities (College committees, societies, involvement in JCR and MCR)

Organisational skills

University

Balancing workload and extracurricular activities; meeting deadlines

Organisation of and participation in reading groups and seminars

Involvement in national societies

Preparation and management of the course assessment questionnaire

Organisation of Departmental social events

Management of Students' Coffee Room

Managing workload for exams and for coursework

College

Balancing workload and extracurricular activities; meeting deadlines

Organisation of events (entertainment, lectures, society events)

Managing workload for exams and for coursework

Interpersonal skills

University

Small and tightly knit Departmental community enhances ability to interact with a wide range of people with varied interests, and encourages intellectual and human flexibility

Discussion seminars and classes

Participation in the Monitoring Committee

Taking part in Students' Coffee Room conversation

Possibility of voluntary work in the departmental office, the Library and Whipple Museum

College

Small College community enhances ability to interact comfortably with a wide range of people/cultures/disciplines, and encourages flexibility and adaptability

Taking part in College politics or a management role in societies

Taking part in College sporting activities

Experience in supporting friends through personal crises, bereavement, illness, disablement, psychological stress etc.

Research skills

University

Use of University Library

Use of Departmental Library

Use of Museum Records

Use of local and national archival resources

On-going scholarly training: footnoting, preparation of bibliographies and reference lists, translation

Research methods seminars and website

Interviewing

Text, image and object analysis

College

Advice from Director of Studies

Exchange of advice and 'tips' with other students in the same or similar subjects

Use of College libraries and research facilities

Computer literacy

University

Use of CD-ROMs, on-line resources and databases in the Library and in the Museum

Use of Departmental computer facilities for web and e-mail

University Computing Service courses, leaflets, publications

Occasional University Library classes on use of on-line databases

College

Use of College computing facilities

Foreign language skills

University

Ancient Greek and Latin classes for non-classicists

German classes from the Pressland Fund (for Natural Sciences students)

Translation for coursework

Language Centre, Diploma/Certificate in Modern Languages

College

Language clubs/societies

Conversation exchange

The Library

Annual report of the Whipple Library

Introduction

This has been a busy and productive year for the Whipple Library. In September the Librarian's post was filled by Tim Eggington. This followed a year-long period when the librarian's duties were ably undertaken by Library Assistant Dawn Moutrey, after the departure of the previous librarian, Jill Whitelock, in 2004. During this year Dawn Moutrey was assisted in library assistant duties by Steve Kruse for a couple of hours each day. In addition, following an application to SHSS, the Department was able to reappoint James Hyslop on a year-long contract to work in the Library and Museum, spreading his time equally between the two. Since April, James has spent his library time cataloguing special collections books.

During this period the Library had a total of 1,374 registered patrons, 741 of which were active borrowers. 15,067 items were loaned this year compared with 16,500 last year. It seems likely that this reduction stems in part from noisy building works which have taken place outside the Library during the course of the year as a result of the museum extension project.

Electronic developments

This year many improvements were made to the Library's provision of electronic resources, the most significant of these being an increase from 34 to 58 current electronic journal subscriptions. In addition, the acquisition by the University of Elsevier ScienceDirect backfiles and Jstor Arts and Sciences Complement has made available back runs of many core HPS related journals. The University has also expanded its provision of subscriptions to electronic databases, many of which are highly relevant to HPS. Following these developments the HPS library web page has been developed so as to constitute a guide as well as point of access to electronic resources relevant to the study of HPS. This work is ongoing.

The Library now has a new state-of-the-art microfilm scanner/printer. This allows downloading of images from microfilm to computer so that they can be saved to CD and manipulated using standard image editing software.

Journals

New subscriptions were taken up for the following journals:

Journal des Médecines Cunéiformes, Virus, Beitrage zur Sozialgeschichte der Medizin, Bulletin for the British Society for the History of Mathematics.

The Librarian took part in meetings with other SHSS librarians to explore a proposal to establish a University Wide Journals Coordination Scheme. According to this each school would transfer the sum it now spends on journals into a fund from which journals would be acquired centrally. It is hoped that this could maximise the University's buying potential, thereby enabling it to increase its subscriptions to electronic journals. Discussions are ongoing.

Donations

A considerable number of donations have been received throughout the year for which the Whipple Library is most grateful. The largest of these is a collection of about 350 books from the library of Victor Rothschild, which had previously been deposited at Clare Hall. Most of these books date from the early to mid 20th century, with a smaller proportion from the 19th century. The collection contains a wide-range of science textbooks some of them inscribed to and signed by Victor Rothschild.

The Library also received:

- 20 books from Brian Harland, covering geology and dating from the early 19th to mid 20th century
- 20 19th and early 20th-century books and atlases on medicine, many of them vividly illustrated, from Dr John Kerr Butter
- A complete run of the journal *Transactions of the Newcomen Society* from John Roddis

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

Rare book collection

Since April, James Hyslop has been making headway through the backlog of rare books awaiting cataloguing. Thanks to this the Phrenology Collection is now fully catalogued, as is around a quarter of the new Rothschild Collection. James has also undertaken important reorganisation work in the store.

New Library project

In April the Department received official confirmation it can use the Heycock Lecture Theatre as a space in which to locate its library. Following its successful SRIF3 bid for £1,677,500 to convert the Heycock Lecture Theatre into the new Whipple Library the Department is now proceeding with this historic project. Its purpose is to create a new Whipple Library, responsive to changing user needs and able to accommodate space requirements for the next 20 years. This will be achieved by converting the Heycock Lecture Theatre into the main Whipple Library reading room, which will be linked (via a walkway) to the present library space, which will also be reorganised. The new library should be operational by spring 2008.

Classification

Following Library Committee discussions and consultation with other HPS academics, it was agreed that the classification system of the Whipple Library should be updated. The process of reclassifying books has now begun and it is hoped that the work can be completed over the next 14 months before relocation to the new library.

The Museum

Annual report of the Whipple Museum of the History of Science

Museum accreditation

In February 2006 the Whipple Museum was awarded Full Accredited status by the Museums Libraries and Archives Council. Accreditation is a new scheme that replaces the existing registration system and is designed to offer the public an assurance that the museum is being run to an improving standard of professionalism and collections care. The Whipple had been 'registered' under the old system since 1997 and was invited to apply for the new Accreditation as part of the first round of this scheme.

DCF project completed

Our Designation Challenge Fund project for the period 2004-2006 was completed in March. This money supported two projects in the Museum; 1) to catalogue and improve the storage of our archives, and 2) to produce an extensive new website offering in-depth information, images and interactives, interpreting three areas of the Museum's collections.

The archive portion of the project was completed during the first year of the funding (2004-2005). The website part of the project, which ran for the full two years, was completed in March 2006. The finished website, titled 'Explore' (www.hps.cam.ac.uk/whipple/explore), contains 55 separate articles including in-depth information on well over 60 objects from the Whipple's collection. These articles are enhanced by more than 170 high-quality images of objects, diagrams, books, paintings and ephemera. All of these images help to introduce and explain objects and themes to the reader. Six specially designed interactive activities also allow website users to explore objects in more depth.



Introductory essays and diagrams showing the basic anatomy of certain instruments help to make the website articles more accessible to those without any familiarity with scientific instruments. A glossary also helps people understand more about technical terms they may not have come across before.

In order that the articles are useful to school students and researchers, all of the articles are fully referenced and contain suggestions for further reading. There is also an extensive index of over 120 names that appear on the website, including instrument makers, scientists and historical figures, which can be used for cross-referencing the articles.

The website conforms to relevant accessibility standards, including Web Accessibility Initiative (WAI) criteria to AA level.

The other part of our Designation Challenge Fund project for the period 2004-2006 was to improve accessibility and storage of the Whipple's archives. The Museum employed an archivist, Dr Kees Rookmaaker, to completely catalogue and upgrade the storage of the Whipple Museum archives. The archives are an important resource for researchers in the history of collecting and the history of scientific instrumentation. The archives are also used by staff in planning galleries and displays and answering enquiries. By the end of the project the entire collection, consisting of 1355 documents, had been catalogued and entered onto the database. Nearly 900 of the documents have also been fully transcribed into the database, allowing researchers instant access to the contents of the archive, without unnecessary handling of the original material.

This part of the DCF project has significantly improved accessibility, storage and preservation of the documentation and archival material relating to the history of the Whipple collections. A full catalogue of the Museum's holdings in this area is now available as an electronic database in both the Museum and the Library, along with a hard copy.

Launch of new Whipple website

Running alongside the launch of our DCF funded website project 'Explore', the Whipple has also redesigned its main visitor website. This site offers practical information on the Museum, opening times, 'what's new', up coming events, plus details of the collections we hold and the history of the Museum. It also acts as a gateway to our two other websites, 'Explore' and 'Gallery Challenge'. You can visit the new website at: www.hps.cam.ac.uk/whipple

Lift and staircase project nears completion

Work began in August 2005 on a major building project that will improve disabled accessibility to the Museum galleries and the department, by creating a new extension housing a passenger lift and staircase. The extension will also include a new disabled access toilet and office. The new lift and staircase will link all of the Museums upstairs galleries with the Reserve Gallery, allowing better public use of this space and generally better flow for all visitors around the Museum.

Due to delays the project is now expected to be completed in September 2006.

Teaching and exhibitions

Departmental teaching

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

Student research 2005-2006

Undergraduate dissertations

Michael Finn, 'Are orreries "Newtonian"? A consideration of the material, textual and pictorial evidence'

MPhil essays

Sophia Davis, 'The pocket electronic calculator in advertising: touching numbers'

Salim Al-Gailani, 'Twentieth century toy chemistry sets: cultures of magic, science and masculinity'

Margaret Olszewski, 'Papier-mâché flowers, fruits and seeds: the botanical models of Louis Thomas Jérôme Auzoux'

Elizabeth Smith, 'The use of instruments in propagating Newtonianism'

Publications

The Cambridge Latin Therapy Group, *The Body as Instrument*, eds Anke Timmermann, Nick Jardine and Debby Banham

Taub, L. (2006) "'A valuable teaching instrument and a cultural accessory to modern research": The Whipple Museum of the History of Science', in A. Semedo and A. Coelho Ferreira da Silva (eds) *Coleções de Ciências Físicas e Tecnológicas em Museus Universitários: Homenagem a Fernando Bragança Gil*, Faculdade de Letras da Universidade do Porto - Secção de Museologia do Departamento de Ciências e Técnicas do Património, pp. 204-219

Outreach and collaboration with other University museums

Cambridge Science Festival

The annual Cambridge Science Festival took place in March. This year's special Saturday opening was very successful, with over 450 visitors to the Museum's galleries. Particularly popular this year was the handling trolley in the Main Gallery, which entertained younger visitors with a range of games and activities inspired by objects in the Museum's collection.

Loan of handling objects

The Museum loaned two zoetropes from the handling collection to the Cambridgeshire Learning Bus. The bus delivers learning resources and activities to schools and community groups across the city.

Wandering scholars visit

In May the Department was visited by a group of wandering scholars from the Max Planck Institute Research Network on the History of Science Objects. As part of the group's three-day visit, the Museum laid on a special tour of the gallery and a seminar entitled *More Case Studies from the Whipple Museum of the History of Science*. The seminar presented student research on objects in the Museum's collection and included the following talks:

Melanie Keene, "'Every boy & girl a scientist": instruments for children in inter-war Britain'

Sophia Davis, 'The pocket electronic calculator in advertising: touching numbers'

Salim Al-Gailani, 'Twentieth century toy chemistry sets: cultures of magic, science and masculinity'

Margaret Olszewski, 'Papier-mâché flowers, fruits and seeds: the botanical models of Louis Thomas Jérôme Auzoux'

Macmillan talks

On 6 February the Whipple held a talk entitled 'Conversations on Max Born' at Newnham College. The event was sponsored by Macmillan Science Publishing and saw Born's biographer Nancy Greenspan in conversation with his son, Gustav Born. The talk formed the beginning of a partnership with Macmillan to run a series of public talks by popular science authors. A grant supporting the talks was awarded by the regional hub of the *Renaissance in the Regions* programme (administered by the Museums Libraries and Archives Council). The first talk in the hub-funded series was held on the 20 June and featured Dr Chris Turney speaking about his book *Bones, Rocks and Stars*. A further two talks are planned for the autumn.

Todd Exhibition in Chemistry Department

Ruth Horry took the lead in working with the Chemistry Department to develop an exhibition on the Nobel Prize-winning chemist Alexander Todd. The permanent exhibition is housed in the Chemistry Department's newly refurbished Todd-Hamied room and Ruth Horry worked on developing and curating the exhibition part-time for a period of six months before its opening in June.

Grants

AHRC

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

DCF

In January the Museum submitted an application to the Designation Challenge Fund for a further round of funding to support a project focussing on the globes in our collection. The Designation Challenge Fund was created by the Department for Culture, Media and Sport to support designated collections. In total, to date (1999-2006), the Whipple has been awarded £582,536 from the Designation Challenge Fund. Unfortunately the 'Globalisation' application was unsuccessful, however we have been awarded £15,000 from DCF towards the collection of visitor data.

***Renaissance in the Regions* Hub Funding**

In May the Whipple Museum was awarded a grant of £1,400 to run three outreach projects over the coming year. The first project is a series of popular science talks being run in conjunction with Macmillan Science Publishing, the first of these talks took place in June. The second project is to run an art workshop in the Museum during October. The workshop will be run by a local artist who will be working with disadvantaged children from a local charity group. The final project is to run a magic lantern show as part of our event for the 2007 science festival. Lisa Newble is leading this outreach initiative.

Williamson Fund

The Whipple was awarded a generous grant from the Williamson Fund to support an archival project at the Museum relating to Natural History material in the collection. The grant has allowed the Museum to employ Boris Jardine for three months to catalogue and re-house this material.

PRISM

The Whipple received a PRISM (Preservation and Restoration of Industrial and Scientific Material) award in October 2005: a grant of £3,500 towards the purchase of a mid-19th century ophthalmotrope by Harmann Knapp.

Pilgrim Trust

In February the Museum made an application to the Pilgrim Trust to support a project to re-catalogue the Museum's important collection of microscopy material. The project would have paved the way for the publication of a new and much improved catalogue of the Museum's holdings in this area. Unfortunately on this occasion the application was unsuccessful.

Donations

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

Dr Anita McConnell, an Affiliated Scholar in the Department, has graciously set up a fund to underwrite the costs of putting on student exhibitions. We are grateful to her not only for her financial support, but also for her inspired idea to fund student work which will be displayed to the public; this will further encourage students to study scientific instruments and models. The first two student exhibitions underwritten by Dr McConnell's gift will be installed during the next academic year (2006-07).

The Waterman Prize is awarded annually by the Board of History and Philosophy of Science to the student who has done the best work during the course of the academic year using the collection of the Whipple Museum. This year the prize has been awarded to Margaret Olszewski, for work done on botanical teaching models and in recognition of her contribution to increasing knowledge of objects in the Whipple collection. We are very grateful to Trevor Waterman & Sons for their continuing generosity in funding this award.

Loans

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

Sedgwick Museum

Woodward's Study: September 2002 to September 2004

0035 set of drawing instruments, Dutch 1700

0875 compound microscope, tripod type c.1690

International loan: Calouste Gulbenkian Foundation

A Luz de Einstein, a special exhibition as part of the 2005 Year of Physics, marking the 100th anniversary of the publication of Einstein's 1905 paper on special relativity; September 2005 to January 2006.

2455 Maxwell's electromagnetic induction model

Behind the scenes

In December 2005 Monica Elsey took early retirement from the post of Collections Manager at the Museum. The position was successfully applied for by Lisa Newble in January, who had been acting up in the role in Mrs Elsey's absence. Also in January, the Museum was fortunate to be awarded a further permanent post by the School of Humanities and Social Sciences. This new post of Museum Assistant has been filled by Ruth Horry, who had previously been working for the Museum as a project assistant for the Designation Challenge Fund.

James Hyslop completed his work on the Designation Challenge Fund in March. Thanks to a short-term grant from the School of Humanities and Social Sciences he has been able to stay on in the Department working part-time in the Museum and part-time in the Whipple Library. His work for the Museum will allow us to address items in the collection with uncertain provenance.

During the last academic year the Whipple staff, have worked on the final development of the Whipple's festschrift publication, entitled *The Whipple Museum of the History of Science: Instruments and Interpretations, to Celebrate the Sixtieth Anniversary of R S. Whipple's Gift to the University of Cambridge*. James in particular has worked extensively proofing and copy-editing the volume with Dr Taub and Dr Willmoth. The volume brings together twenty-two essays and eighty-five illustrations which chart the Museum's history, examine its role and influence within the University of Cambridge and the study of the subject more widely, and focus on a range of particular scientific instruments in the collection, drawing out their broader historical significance and associations. The book is due to be published in October.

Thanks to a generous grant from the Williamson Fund the Museum was joined by Boris Jardine in June to carry out a project addressing the storage of natural history archival material in the Museum's object history files.

Over the last year Museum staff have attended training courses in:

Museum disaster preparedness – Lisa Newble

Museums and archives – Lisa Newble

Recent acquisitions

- | | | | |
|------|---|------|--|
| 6051 | Mathematical string model | 6072 | Green Line pocket calculator |
| 6052 | Mathematical string model | 6073 | Marconi type N radio valve |
| 6053 | Sinclair programmable calculator | 6074 | Santek calculator |
| 6054 | Fisher statistical slide rule | 6075 | Braun calculator |
| 6055 | Slide rule | 6076 | Original objective lens from the
Northumberland telescope |
| 6056 | Rapid trigonometrical indicator | 6077 | 'Sputnik' toy |
| 6057 | Altimeter | 6078 | 'Terra-lune' toy |
| 6058 | Crank-work planetarium | 6079 | Looser's double thermoscope |
| 6059 | Hubbard electrometer or 'E – meter' | 6080 | 2 RAF buttons with hidden escape
compass |
| 6060 | Sector by Schindler | 6081 | Fuel cell electrode |
| 6061 | Set of molecular models | 6082 | Folding orrery |
| 6062 | Early solar viewer | 6083 | Holweck-Lejay gravimeter |
| 6063 | Sinclair Sovereign calculator | 6084 | Moon globe |
| 6064 | Vibrafone sonic exerciser | 6085 | 'Story of the Globe' booklet |
| 6065 | Nephoscope | 6086 | 'Story of the Globe' booklet |
| 6066 | Pair of paper orreries | 6087 | 'Story of the Globe' booklet |
| 6067 | 'Romance of the Heavens' set of 50
cigarette cards | 6088 | Beam balance |
| 6068 | Ophthalmotrope | 6089 | 'Sputnik' toy |
| 6069 | Callipers | | |
| 6070 | Level | | |
| 6071 | A set of 4 phrenological teaching
diagrams | | |

Individuals

Annual reports of members of the Department

Jon Agar

Jon Agar completed a three-year lecturing stint at the HPS Department in September 2006. During 2005-2006, Jon continued to organise and expand Paper 10, substantially deepening and widening the teaching of history of 20th century science and technology at Cambridge University. He co-taught the core of Paper 10, the courses on Science and Technology, 1914-1945, and Science and Technology since 1945, with Jim Endersby. He continued to teach the Primary Source on Carson. He also co-taught SSK and Technology with professors Kusch and Schaffer, and taught Turing and the History of AI. During 2005-2006, Jon was a Part II examiner, and MPhil Senior Examiner. During academic year 2006-2007, Jon Agar is visiting associate professor at the Department of History of Science, Harvard University.

In Press

Books

Agar, J. *Science in the Twentieth Century and Beyond*, Polity Press, Cambridge

Articles in books

Agar, J., Gregory, J., Harries, S. and Lock, S. (2006) 'Public engagement in the private sector: a new form of public relations?' in M.W. Bauer and M. Bucchi (eds) *Science Communication in the 21st Century: Between Journalism and Public Relations*, Routledge

Articles in journals

Agar, J. 'What difference did computers make to science?', *Social Studies of Science* (December 2006)

Lectures and Conferences

January 2006

Agar, J. 'Edward Somerset's *Century of Inventions*: a historiographical case study', Monday Colloquium, Deutsches Museum

Agar, J. 'Imagining old futures: Edward Somerset's *Century of Inventions*', STS Research Day, UCL

July 2006

Agar, J. 'What happened in the sixties?', BSHS Annual Conference

Debby Banham

I was pleased to actually have some history of medicine publications come out this year, and thus justify my presence in the Department, although one of them is in such an obscure volume (Sari et al., eds) that I doubt anyone will be able to find it – I've never seen the whole publication myself, but I've got lots of offprints, so if anyone wants one, let me know. I'll give one to the Whipple as well.

I've also continued as tutor to the Latin Therapy group this year, which I've enjoyed very much, and ought to justify my being here whatever else I do.

Publications

Books

Timmermann, A., Banham, D. and Jardine, N. (eds) (2006) *The Body as Instrument*, Whipple Museum, University of Cambridge

Articles in books

Banham, D. (2005) 'Arestolobius, the Patriarch of Jerusalem and bark that comes from Paradise: what did the Orient mean to the compilers of Old English medical collections?' in N. Sari et al. (eds) *Proceedings of the 38th International Congress on the History of Medicine*, International Society for the History of Medicine, 459-468

- Banham, D. (2006) 'A millennium in medicine? New medical texts and ideas in England in the eleventh century' in S. Keynes and A.P. Smyth (eds) *Anglo-Saxons: Studies Presented to Cyril Roy Hart*, Four Courts Press, 230-242
- Banham, D. (2006) "'The very useful and very accessible skill of bending the fingers": finger counting from Bede's *De temporum ratione*' in A. Timmermann et al. (eds) *The Body as Instrument*, Whipple Museum, University of Cambridge, 8-15

Reviews

- Banham, D. Review of V. Thompson, *Death and Dying in Later Anglo-Saxon England*, in *Medical History* 50 (2006), 273-274

Lectures and Conferences

February 2006

- Banham, D. 'But what did they have for breakfast? Food and drink in Anglo-Saxon England', Cambridge Antiquarian Society
- Banham, D. and Faith, R. 'Farms and farming in Anglo-Saxon England', Medieval Archaeology Group, University of Cambridge

May 2006

- Banham, D. 'Wyrtegemang: herbs and spices in Anglo-Saxon England', Medieval Diet Group, Somerville College, Oxford

July 2006

- Banham, D. 'Gesture and the Benedictine ideal in the Life of St Æthelwold', International Medieval Congress, University of Leeds
- Banham, D. 'Leeches and medici: one medical language community or two in eleventh-century England?', Conceptualizing Multilingualism in England, 800-1250 conference, Centre for Medieval Studies, University of York

Andrew Barry

Andrew Barry joined the Oxford University Centre for the Environment in January 2006 where he is Reader in Geography.

Publications

Articles in books

- Barry, A. (2006) 'On interactivity' (extract from *Political Machines: Governing a Technological Society*) in R. Hassan and J. Thomas (eds) *The New Media Theory Reader*, Open University Press
- Barry, A. (2005) 'Writing the history of the present' (extract from *Foucault and Political Reason: Liberalism, Neo-Liberalism and Rationalities of Government*) in J. Joseph (ed.) *Social Theory: A Reader*, Edinburgh University Press
- Barry, A. (2006) 'Actor-network theory', 'Bruno Latour' and 'Social studies of science' in A. Harrington, B. Marshall and H-P. Müller (eds) *Encyclopedia of Social Theory*, Routledge, 4-5, 312-313 and 569-570
- Barry, A. (2006) 'Michel Foucault' in T. Carver and J. Martin (eds) *Contemporary Political Thought*, Palgrave, 244-259

Articles in journals

- Barry, A. 'Technological zones', *European Journal of Social Theory* 9 (2006), 239-253

Lectures and Conferences

October 2005

- Barry, A. 'The constituents of Europe', Zentrum für Kunst und Medientechnologie, Karlsruhe
- Barry, A. 'Corporate social responsibility and transparency', Entrepreneurship Seminar, Tanaka Business School, Imperial College London
- Barry, A. 'Society must be represented! Corporate social responsibility and its critics', Freeman Seminar, Science Policy Research Unit, University of Sussex
- Barry, A. "'A scandal in Georgia" or where to find out the facts about capitalism', Science and Technology Studies Workshop, Department of History and Philosophy of Science, University of Cambridge

November 2005

- Barry, A. 'The object of interdisciplinarity', OUCE Seminar, University of Oxford

December 2005

Barry, A. 'Events that matter' and co-organiser (with N. Thrift), Workshop on Gabriel Tarde: Psychology, Economy and Invention, University of London Senate House

January 2006

Barry, A. 'Between geopolitics and science studies', plenary, Conference on the Technologies of Nature-Politics, University of Oslo

February 2006

Barry, A. 'Mixing oil and society in Georgia and Azerbaijan', Groupe de Recherche, Sociologie Historique de l'Économie, Sciences Politiques, Paris

Barry, A. 'The politics of cracks', International Conference on Cathodic Protection, University of Manchester

Barry, A. 'The logic of transparency', Political Ideologies Research Seminar, University of Oxford

March 2006

Barry, A. and Weszkalnys, G. 'The new social question', Department of Geography, University College London

April 2006

Barry, A. 'Transparency and secrecy', Berkeley Workshop on Environmental Politics, University of California

Lorenzo Bernasconi Kohn

Publications

Articles in journals

Bernasconi Kohn, L. 'How *not* to think about rules and rule-following: a response to Stueber', *Philosophy of the Social Sciences* 36:1 (2006)

In Press

Articles in books

Bernasconi Kohn, L. (2006) 'Wittgenstein and the ontology of the social: some Kripkean reflections on Bourdieu's "Theory of Practice"' in C. Lawson, J. Latsis and N. Martins (eds) *Contributions to Social Ontology*, Routledge

Lectures and Conferences

April 2006

Bernasconi Kohn, L. 'On the scope of the social sciences', Second Annual Workshop in the Philosophy of the Social Sciences, Department of History and Philosophy of Science, University of Cambridge

Patrick J. Boner

Patrick has continued to organise Latin Therapy, whose most recent booklet, *The Body as Instrument*, edited by Anke Timmermann, Nick Jardine and Debby Banham, was published in June 2006. He has helped translate two articles by Miguel A. Granada into English, 'Kepler vs. Roeslin on the interpretation of Kepler's nova: (1) 1604–1606' and 'Did Tycho eliminate the celestial spheres before 1586?', both of which have appeared in the *Journal for the History of Astronomy*. Patrick anticipates defending his dissertation, 'Kepler's living cosmos: bridging the celestial and terrestrial realms', in November 2006.

Publications

Articles in books

Boner, P.J., Jardine, N. and Kjellgren, M. (2006) 'Kepler and the earthly soul-detector' in A. Timmermann, N. Jardine and D. Banham (eds) *The Body as Instrument*, Whipple Museum, University of Cambridge, 38-46

Articles in journals

Boner, P.J. 'Kepler on the origins of comets: applying earthly knowledge to celestial events', *Nuncius* 21 (2006), 31-47

Boner, P.J. 'Kepler's living cosmology: bridging the celestial and terrestrial realms', *Centaurus* 48 (2006), 32-38

Reviews

Boner, P.J. Review of N. Champion and N. Kollerstrom, *Galileo's Astrology*, in *Renaissance Quarterly* 59 (2006), 222-224

Boner, P.J. Review of N. Fabbri, *Cosmologia e armonia in Kepler e Mersenne: Contrappunto a due voci sul tema dell'Harmonice mundi*, in *Renaissance Quarterly* 58 (2005), 996-998

In Press

Articles in journals

Boner, P.J. 'Kepler vs. the Epicureans: causality, coincidence and the origins of the new star of 1604', *Journal for the History of Astronomy*

Boner, P.J. 'En busca del alma: análisis de la teoría del alma en el pensamiento astrológico de Kepler', *Llull*

Lectures and Conferences

November 2005

Boner, P.J. 'Kepler's living cosmology: bridging the celestial and terrestrial realms', History of Science Society Annual Meeting, Minneapolis

Boner, P.J. 'La cosmología viviente de Kepler: hacia la unificación de los reinos celestes y terrestres', Primer Encuentro de Jóvenes Investigadores en Historia de la Ciencia, University of Valencia

January 2006

Boner, P.J. 'You say you want a revolution? The problem of proof in early modern cosmological innovation', National Maritime Museum

May 2006

Boner, P.J. 'Naturalising the heavens: Johannes Kepler and the material origins of celestial phenomena', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

June 2006

Boner, P.J. 'Kepler vs. the Epicureans: causality, coincidence and the origins of the new star of 1604', History of Philosophy of Science Annual Conference, École normale supérieure, Paris

Peter J. Bowler

Peter Bowler has now stepped down as President of the British Society for the History of Science and will serve as Vice-President for 2006-7. He will be on sabbatical in the second semester and has a fellowship at CRASSH for the Easter Term, during which he will be working on a book on popular science writing in early twentieth-century Britain.

Publications

Articles in journals

Bowler, P.J. 'Presidential address: "Experts and publishers: writing popular science in early twentieth-century Britain, writing popular history of science now"', *British Journal for the History of Science* 39 (2006), 159-187

In Press

Books

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

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

Michael Bravo

Michael Bravo continued his work this year leading up to International Polar Year (2007-2009), working with the UK National Committee, leading an international project on the history of polar scientific field stations, and participating as an international panellist for European and North American research council IPY funding competitions.

Publications

Articles in books

Bravo, M.T. (2005) 'Mission gardens: natural history and global expansion, 1720-1820' in L. Schiebinger and C. Swan (eds) *Colonial Botany: Science, Commerce, and Politics*, University of Pennsylvania Press, 49-65

Articles in journals

- Bravo, M.T. 'Geographies of exploration and improvement: William Scoresby and Arctic whaling (1722-1822)', *Journal of Historical Geography*, Special Issue on the Historical Geographies of the Oceans, 32 (2006), 512-538
- Bravo, M.T., Krupnik, I., Csonka, Y. et al. 'Social sciences and humanities in the IPY 2007-2008: an integrating mission', *Arctic* 58 (2005), 89-96
- Bravo, M.T. 'Reinventing natural history', invited contribution to forum discussion of H. Raffles, *In Amazonia*, with D. Massey, M. Taussig and C. Slater in *Antipode* 37 (2005), 369-373

In Press

Articles in journals

- Bravo, M.T. 'Cryo-politics: environmental security and the future of Arctic navigation', *Brown Journal of World Affairs* 12 (2006)
- Bravo, M.T. 'Science for the people: northern field stations and governmentality', *British Journal for Canadian Studies*, Special Issue on Governance, 18:2 (2006)

Lectures and Conferences

November 2005

- Bravo, M.T. 'Where is upstream? Science and its publics for International Polar Year (2007-2008)', Science and Technology Studies Workshop, Department of History and Philosophy of Science, University of Cambridge

January 2006

- Bravo, M.T. 'The impact of climate change on northern peoples', Climate Change – The Challenge to Broadcasting, BBC Bush House

April 2006

- Bravo, M.T. 'Science', British Association for Canadian Studies Annual Meeting, New Hall, Cambridge

May 2006

- Bravo, M.T. 'James Rennell and the cartography of shipwreck', Shipwreck Conference, National Maritime Museum, Greenwich

August 2006

- Plenary panel, 'Narratives of climate change', with William Cronon, Diana Liverman, and Richard Hamblyn, IBG Conference, Royal Geographical Society

Research Grants

- 'Cambridge Canadian Studies Initiative', Foundation for Canadian Studies, £10,500 (2006-2007)
- 'Hidden Histories: Collections for the Future', Designated Challenge Fund, Museums and Libraries Assoc. (MLA) (PI: Robin Boast, CUMAA) £97,180 (2006-2008)
- 'Polar Field Stations and IPY History', Bank of Sweden Tercentenary Fund (PI: Sverker Sörlin) £14,173 (2006-2007)
- 'Polar Technologies of Material Culture', Arts and Humanities Research Council (AHRC), Museums and Galleries (PI: Julian Dowdeswell) £12,000 (2006-2007)

Robert Bud

Publications

Articles in books

- Bud, R. (2005) 'The medicine chest: the history of antibiotics' in *Antibiotics in Focus: An Unwinnable War*, Wellcome Trust, 4-6
- Bud, R. (2005) 'Three generations of the history of technology online: compendia, stories and networks' in A. Noschka-Roos, W. Hauser and E. Schepers (eds) *Mit Neuen Medien im Dialog mit den Besuchern*, Berliner Schriften zur Museumskunde, 83-86

Articles in journals

- Bud, R. 'Antibiotics, big business and consumers: the context of government investigations into the post-war American drug industry', *Technology and Culture* 46 (2005), 329-349

In Press

Books

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

Articles in books

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

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

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

Lectures and Conferences

November 2005

Bud, R. 'Brands, Baudrillard and SCOT: the case study of "Penicillin"', SHOT

February 2006

Bud, R. 'From germophobia to the carefree life and back again: the lifecycle of the antibiotic brand', South Kensington Institute for the History of Technology

April 2006

Bud, R. 'Certainty comes from Weybridge: modernity, applied Science and certified expertise', Towards a History and Philosophy of Expertise, Chemical Heritage Foundation, Philadelphia

May 2006

Bud, R. 'Fear of "superbugs": an indicator of distrust', History of Clinical Iatrogenesis: Before and After Ivan Illich, University of Manchester

Bud, R. 'Science, meaning and the web: narrative and a new technology', Wissenschaftliche Tagung der Gesellschaft für Technikgeschichte und der Gesellschaft für Wissenschafts- und Technikforschung

July 2006

Bud, R. Meeting chair and co-organiser, Superbugs and Superdrugs: The History of MRSA, Witness Seminar, Wellcome Trust

September 2006

Bud, R. 'Commentary, "public science"', Foxfest – a meeting to mark the retirement of Robert Fox as Professor of the History of Science, University of Oxford

Bud, R. 'Introduction', Artefacts Meeting, Nobel Museum, Stockholm

Tatjana Buklijas

In October 2005 I completed my PhD studies and took up a Wellcome Research Fellowship to work on anatomy in Vienna between 1914 and 1945. I was also teaching in Part IB and Part II courses, supervised MPhil students, was a Part II examiner and joined the HPS Board. With Soraya de Chadarevian, I convened the History of Modern Medicine and Biology seminars. In June 2006, I co-organised with Emese Lafferton a Wellcome Trust funded workshop on 'Science and medicine in the multinational empires of Central and Eastern Europe'. At the 2006 SSHM conference, I convened a session on 'Reinventing the body in post-WWI Germany and Austria'. I am currently completing a virtual exhibition on 'Making the visible embryo', part of the Wellcome enhancement award project. I have also been elected a junior research fellow at Clare Hall.

Lectures and Conferences

October 2005

Buklijas, T. and Hopwood, N. 'Making the visible embryo', Free School Lane Workshop on Reproduction, University of Cambridge

November 2005

Buklijas, T. 'Transforming the body: dissection, contagion and visual appearance of the anatomical cadaver in Vienna, 1850-1900', History of Medicine seminar series, Oxford Brookes University

April 2006

Buklijas, T. 'Cultures of death and politics of dissection: body, religion and ethnic diversity in Vienna, ca. 1800-1918', Department of History seminar series, University of Auckland, New Zealand

June 2006

Buklijas, T. 'Fit for war and work: Julius Tandler and constitutional medicine between World War I and "Red Vienna"', SSHM Annual Conference 2006, Practices and Representations of Health: Historical Perspectives, University of Warwick

Buklijas, T. 'A surgically divided empire: medicine and national identity in late 19th-century Vienna', Science and medicine in the multinational empires of Central and Eastern Europe, Department and History and Philosophy of Science, University of Cambridge

Jeremy Butterfield

Publications

Articles in journals

Butterfield, J. 'On the persistence of particles', *Foundations of Physics* 35 (2005), 233-269 (<http://arxiv.org/abs/physics/0401112>)

Butterfield, J. 'The rotating discs argument defeated', *British Journal for the Philosophy of Science* 57 (2006), 1-45 (<http://philsci-archive.pitt.edu/archive/00002382/>)

Reviews

Butterfield, J. Review of P. Weingartner (ed.) *Alternative Logics: Does Science Need Them?*, in *Contemporary Physics* 46 (2005), 57-58

Butterfield, J. Review of E. Joos et al., *Decoherence and the Appearance of a Classical World in Quantum Theory*, and of G. Sewell, *Quantum Mechanics and its Emergent Macrophysics*, in *Philosophy of Science* 72 (2005) 395-399

In Press

Articles in books

Butterfield, J. (2006) 'On symplectic reduction in classical mechanics' in J. Earman and J. Butterfield (eds) *The Handbook of Philosophy of Physics*, North Holland, 1-131 (<http://arxiv.org/abs/physics/0507194>)

Butterfield, J. (2006) 'On symmetries and conserved quantities in classical mechanics' in W. Demopoulos and I. Pitowsky (eds) *Physical Theory and its Interpretation*, Kluwer (<http://arxiv.org/abs/physics/0507192>)

Articles in journals

Butterfield, J. 'Against *Pointillisme* in geometry', Proceedings of *Time and History: 28th International Wittgenstein Conference* (2006) (<http://philsci-archive.pitt.edu/archive/00002552/>)

Butterfield, J. 'Against *Pointillisme* in mechanics', *British Journal for the Philosophy of Science* (2006) (<http://philsci-archive.pitt.edu/archive/00002553/>)

Lectures and Conferences

April 2006

Butterfield, J. 'Reconsidering relativistic causality', Annual Philosophy of Science Conference, Dubrovnik, Croatia

May 2006

Butterfield, J. 'Against *Pointillisme* in geometry and mechanics', Moral Sciences Club, University of Cambridge

Butterfield, J. 'Against *Pointillisme* in geometry and mechanics', University of Oxford

June 2006

Butterfield, J. 'Reconsidering relativistic causality', University of Oxford

Alix Cohen

In Press

Articles in journals

Cohen, A. 'The making of a classic: the reception of Hume in Europe', *Rivista di Storia della Filosofia* (2007)

Cohen, A. 'Kant on epigenesis, monogenesis and human nature: the biological premises of anthropology', *Studies in History and Philosophy of the Biological and Biomedical Sciences* (2006)

Cohen, A. 'Physiological vs. pragmatic anthropology: a response to Schleiermacher's objection to Kant's *Anthropology*', *Proceedings of the 10th International Kant Congress* (2006)

Lectures and Conferences

April 2006

Cohen, A. 'A functionalist interpretation of "nature's intentions" in Kant', Second Annual Workshop in the Philosophy of the Social Sciences, Department of History and Philosophy of Science, University of Cambridge

Soraya de Chadarevian

In autumn 2006 Soraya de Chadarevian will take up a Professorship at the Department of History and the Centre for Society and Genetics at UCLA.

Publications

Articles in journals

de Chadarevian, S. (2005) 'Asilomar ein Moratorium und was daraus geworden ist', *Gegenworte* 16 (December 2005), 74-77

Reviews

de Chadarevian, S. Review of K. Radar, *Making Mice: Standardizing Animals for American Biomedical Research, 1900-1955*, in *Journal of the History of Medicine and Allied Sciences* 61 (2006), 107-109

de Chadarevian, S. Review of A. Brown, *J.D. Bernal: The Sage of Science*, in *Science* 312 (2006), 849-850

In Press

Articles in books

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

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

de Chadarevian, S. 'Storia di una scoperta' in *Cinquantenario della scoperta della struttura a doppia elica del DNA*, Istituto Lombardo di Scienze e Lettere (also to appear in Spanish translation)

Articles in journals

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

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

Reviews

de Chadarevian, S. Review of S. Lindee, *Moments of Truth in Genetic Medicine*, in *Isis* 97 (2006)

Lectures and Conferences

October 2005

Co-organiser, with Hans-Joerg Rheinberger, of three-day international workshop *The History and Epistemology of Molecular Biology and Beyond: Problems and Perspectives*, Max Planck Institute for the History of Science in Berlin (in collaboration with Institut Pasteur and Société d'Histoire et d'Épistémologie des Sciences de la Vie). The proceedings of the meeting appeared as Max Planck Institute Preprint 310.

de Chadarevian, S. 'Microstudies vs. big picture accounts?' at workshop *History and Epistemology of Molecular Biology: Problems and Perspectives*, Max Planck Institute for the History of Science, Berlin (pre-published in MPI preprint)

December 2005

de Chadarevian, S. 'Radioisotopes from fallout: diet, body and the environment', at workshop *Nuclear Science in the Twentieth Century: Isotope-based Science, Technology and Medicine*, Universidad Autònoma Barcelona

March 2006

de Chadarevian, S. Final commentary at workshop *Reproduction in the Century of the Gene*, Max Planck Institute for the History of Science, Berlin

Ipek Demir

Publications

Articles in books

Demir, I. (2006) 'Thomas Kuhn's construction of scientific communities' in S. Herbrechter and M.T. Higgins (eds) *Returning (to) Communities: Theory, Culture and Political Practice of the Communal*, Rodopi

Lectures and Conferences

November 2005

Demir, I. 'What can sociologists learn from science studies? Inter-community communication and exchange in science', Sociology Seminar Series, University of Birmingham

February 2006

Demir, I. 'Incommensurabilities in the works of Thomas Kuhn', Research Seminar Series, Department of Sociology and Philosophy, University of Exeter

March 2006

Demir, I. 'Kuhn's incommensurabilities and finitism', Kuhn and the Sociology of Science Conference, Department of History and Philosophy of Science, University of Cambridge

April 2006

Demir, I. 'Maintaining social order in science', British Sociological Association (BSA) Conference, Harrogate

June 2006

Demir, I. 'Multicultural science?', Sociology of Science Stream of the Canadian Sociological and Anthropological Association (CSAA) Conference, Canada

Paul Dicken

Publications

Articles in journals

Dicken, P. 'Can the constructive empiricist be a nominalist? Quasi-truth, commitment and consistency', *Studies in History and Philosophy of Science* 37 (2006), 191-209

Dicken, P. and Lipton, P. 'What can Bas believe? Musgrave and van Fraassen on observability', *Analysis* 66 (2006), 226-233

In Press

Articles in journals

Dicken, P. 'Constructive empiricism and the metaphysics of modality', *The British Journal for the Philosophy of Science*

Mary Dobson

I am currently writing an illustrated book on the history of disease, provisionally entitled *Disease: From Bubonic Plague to Bird 'Flu* – to be published by Quercus publishers in October 2007.

Nader El-Bizri

Nader El-Bizri is an Affiliated Lecturer at the Department of History and Philosophy of Science, where he lectures on Arabic sciences. Moreover, he is a Research Associate in Philosophy at the Institute of Ismaili Studies in London, where he acts as the Managing Editor of a book series to be published by Oxford University Press, which consists of Arabic critical editions and annotated English translations of *The Epistles of the Brethren of Purity (Rasa'il Ikhwan al-Safa'*; ca. 10th cent. Iraq). In addition he is the Coordinator of the Institute's *Texts and Translations Series*, which includes a joint publication project with the Institut Français du Proche Orient. Dr El-Bizri is also a Chercheur Associé at the Centre National de la Recherche Scientifique (CNRS) in Paris, and he is an elected member of the Steering Committee of the Société Internationale d'Histoire des Sciences et des Philosophies Arabes et Islamiques (a society

connected with the CNRS, which publishes the journal *Arabic Sciences and Philosophy* in association with Cambridge University Press).

Publications

Articles in books

- El-Bizri, N. (2006) 'Microcosm and macrocosm: a tentative encounter between Graeco-Arabic philosophy and phenomenology' and 'Being and necessity: a phenomenological investigation of Avicenna's metaphysics and cosmology' in A.-T. Tymieniecka (ed.) *Islamic Philosophy and Occidental Phenomenology on the Perennial Issue of Microcosm and Macrocosm*, Kluwer Academic Publishers, 3-23 and 243-261
- El-Bizri, N. (2005) 'The conceptions of nature in Arabic thought' in N. Tazi (ed.) *Keywords: Nature*, Other Press, New York, 63-92
- El-Bizri, N. (2006) 'Al-Farisi, Kamal al-Din', 'Ibn al-Haytham, al-Hasan', 'Ibn Qurra, Thabit' and 'Ikhwan al-Safa' in O. Leaman (ed.) *The Biographical Encyclopaedia of Islamic Philosophy*, Thoemmes Continuum, 131-135, 248-255, 289-296 and 322-331
- El-Bizri, N. (2006) 'Ikhwan al-Safa' (Brethren of Sincerity)' in D.M. Borchert (ed.) *Encyclopedia of Philosophy*, 2nd edition, Macmillan Reference USA, 575-577
- El-Bizri, N. (2005) 'Ibn al-Haytham' in T.F. Glick, S.J. Livesey and F. Wallis (eds) *Medieval Science, Technology, and Medicine: An Encyclopedia*, Routledge, 237-240
- El-Bizri, N. (2005) 'Brethren of Purity', 'Ibn al-Haytham, or Alhazen', 'Ibn Sina, or Avicenna', 'Optics', 'Plato, Platonism, and Neoplatonism' and 'Time, Concepts of' in J.W. Meri (ed.) *Medieval Islamic Civilization: An Encyclopedia*, Routledge, 118-119, 343-345, 369-370, 578-580, 614-616 and 810-812

Articles in journals

- El-Bizri, N. 'Uneasy meditations following Levinas', *Studia Phaenomenologica* 6 (2006), 293-315
- El-Bizri, N. 'A philosophical perspective on Alhazen's *Optics*', *Arabic Sciences and Philosophy* 15 (2005), 189-218
- El-Bizri, N. '*Maqal Ibn al-Haytham fi al-makan, wa makanatuh fi tarikh al-riyadiyyat wa-al-'ulum*' ('Alhazen's treatise on place and its station in the history of science'), *al-Hayat, Classics (Turath)* supplement, Issue 15612 (31 December 2005), 19

In Press

Articles in books

- El-Bizri, N. '*Being-towards-death: on martyrdom and Islam*' in A. Melloni and M. Campanini (eds) *Il Martirio volontario nell'ebraismo, nel cristianesimo e nell'islam: una storia condivisa, Cristianismo nella storia fascicolo monografico*
- El-Bizri, N. 'La phénoménologie et l'optique géométrique' A. Allard (ed.) *Actes du congrès de la Société Internationale d'Histoire des Sciences et des philosophies Arabes et Islamiques*, Facultés Universitaires Notre-Dame de la Paix
- El-Bizri, N. 'La nature dans la pensée arabe' in N. Tazi (ed.) *La nature, collection les mots du monde*, Editions de la Découverte
- El-Bizri, N. 'God's essence and attributes' in T. Winter (ed.) *Cambridge Companion to Islamic Theology*, Cambridge University Press
- El-Bizri, N. 'Le problème de l'espace' in G.F. Vescovini (ed.) *Oggetto e spazio*, Edizioni del Galluzzo
- El-Bizri, N. 'Perspectives on time in the history of science and phenomenology' in A.-T. Tymieniecka (ed.) *Temporality and the Temporal in Occidental Phenomenology and Islamic Philosophy*, Kluwer Academic Publishers
- El-Bizri, N. 'Hermeneutics and tradition' in B. Koroglu (ed.) *Rethinking the Classical*, Foundation of Sciences and Arts, Istanbul
- El-Bizri, N. 'Imagination and architectural representations' in M. Frascari, J. Hale and B. Starkey (eds) *From Models to Drawings: On Representation in Architecture*, Routledge
- El-Bizri, N. 'Galen' in I. Saadat (ed.) *Danishnameh Zaban wa Adab Farisi*, Tehran

Articles in journals

- El-Bizri, N. 'Les couleurs dans l'Optique d'Ibn al-Haytham', *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)*
- El-Bizri, N. 'In defence of the sovereignty of philosophy: al-Baghdadi's critique of Ibn al-Haytham's Geometrisation of Place', *Arabic Sciences and Philosophy*

Reviews

- El-Bizri, N. Review of R. Rashed, *Geometry and Dioptrics in Classical Islam*, in *British Journal for the History of Science*

Lectures and Conferences

November 2005

El-Bizri, N. 'Imagination and architectural representation', Architectural Humanities Research Association Conference, held at the University of Nottingham, in association with a consortium of British universities

December 2005

El-Bizri, N. 'Phenomenological perspectives on classical conceptions of time', American Philosophical Association, Eastern Division Meeting, New York

February 2006

El-Bizri, N. 'The physical or the mathematical? Interrogating al-Baghdadi's critique of Ibn al-Haytham's Geometrisation of Place', Colloque de la Société Internationale d'Histoire des Sciences et des Philosophies Arabes et Islamiques, in association with the University of Florence

April 2006

El-Bizri, N. 'The Epistles of the Brethren of Purity (Rasa'il Ikhwan al-Safa)', broadcast interview, BBC World Service, London

May 2006

El-Bizri, N. 'Les couleurs des corps opaques dans le *Livre de l'Optique* d'Ibn al-Haytham', *Séminaire sur l'optique et les théories des couleurs*, Université de Paris 7, in association with the Centre d'histoire des sciences et des philosophies arabes et médiévales, Paris

El-Bizri, N. 'Rethinking the philosophical impetus in monotheism? Heideggerian perspectives on theology', Heythrop College, University of London

Jim Endersby

During the final year of my research fellowship at Darwin College I completed my first two books: *Imperial Nature: Joseph Dalton Hooker and the Practices of Victorian Science* (to be published by the University of Chicago Press, 2007) and *A Guinea Pig's History of Biology* (William Heinemann, 2007). I have continued to teach regularly in the Department, on the nineteenth- and twentieth-century life sciences, and have been Director of Studies in HPS for St John's College.

I finished the year by being appointed to my first permanent position, as a lecturer in the Department of History at the University of Sussex. I will be taking up the appointment from September 2006, but will be seconded to HPS for the first year, since I have been awarded research funding by the Newton Trust that will allow me to start work on a major new project on the history of the biology in the twentieth century, the first part of which is tentatively called 'The Englishness of English Biology: 1900-1945'.

I have been commissioned by Cambridge University Press to prepare a new scholarly edition of Darwin's *Origin of Species*, to be published in 2009 (to coincide with the Darwin bicentenary and the *Origin's* sesquicentenary).

I was awarded £3,500 by the Royal Society to assist with the publication of *Imperial Nature*. I was also awarded a National Science Foundation travel grant to attend the History of Science Society annual meeting in Minneapolis.

Publications

Reviews

Endersby, J. 'Wallace Redux', essay review of R. Sloten, *The Heretic in Darwin's Court: The Life of Alfred Russel Wallace*, and M. Fichman, *An Elusive Victorian: The Evolution of Alfred Russel Wallace*, in *Minerva: A Review of Science, Learning and Policy* 44 (2006), 209-218

Endersby, J. Review of N.E. Hoffmann and J.C. Van Horne (eds) *America's Curious Botanist: A Tercentennial Reappraisal of John Bartram 1699-1777*, in *Times Literary Supplement*, 17 February 2006, 27

Endersby, J. Review of S. Freer (ed.) *Linnaeus' Philosophia Botanica*, in *Times Literary Supplement*, 24 March 2006, 3-4

In Press

Books

Endersby, J. (2007) *A Guinea Pig's History of Biology: The Animals and Plants who Taught us the Facts of Life*, William Heinemann (an introduction to the history of biology, aimed at both undergraduate and general audiences)

Endersby, J. (2007) *Imperial Nature: Joseph Hooker and the Practices of Victorian Science*, University of Chicago Press

Lectures and Conferences

November 2005

Endersby, J. 'Sense and stability: what the "species question" wasn't for Victorian naturalists', given as part of a session I organised on 'Classifying empires: natural history between centre and periphery', History of Science Society, Minneapolis

Endersby, J. "'The origin of species is an object of experimental investigation": de Vries, Oenothera and the fate of the mutation theory', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

March 2006

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

Patricia Fara

Publications

Articles in journals

Fara, P. 'Edmond Halley's last portrait', *Notes and Records of the Royal Society* 60 (2006), 199-201

Fara, P. 'Representing revolution: icons of industrialisation', *Endeavour* 30 (2006), 13-18

Fara, P. 'Freudian snaps', *Endeavour* 30 (2006), 48-49

Fara, P. 'Michael Faraday, media man', *Endeavour* 30 (2006), 10-13

Fara, P. 'Claiming Copernicus', *Endeavour* 29 (2005), 148-149

Fara, P. 'Monument to Einstein', *Endeavour* 29 (2005), 58-59

Fara, P. 'Scientific coats-of-arms', *Endeavour* 29 (2005), 101-102

Fara, P. 'The melancholy of anatomy', *Endeavour* 29 (2005), 20-21

Reviews

Fara, P. Review of D. Bodanis, *Passionate Minds: The Great Enlightenment Love Affair*, in *Guardian*, 10 June 2006, Review section p. 10

Fara, P. Review of E. Danson, *Weighing the World: The Quest to Measure the Earth*, in *Nature* 440 (2006), 870

Fara, P. Review of D. Bodanis, *Electric Universe: How Electricity Switched On the Modern World*, in *TLS*, 24 February 2006, 27

Fara, P. Review of P.E. Hodgson, *Theology and Modern Physics*, in *TLS*, 23 December 2005, 41

Fara, P. Review of P. Lamont, *The First Psychic: The Peculiar Mystery of a Notorious Victorian Wizard*, in *THES*, January 2006

Fara, P. Review of A. Pavord, *The Naming of Names: The Search for Order in the World of Plants*, in *TLS*, 5 May 2006, 25

Fara, P. Review of L. Schiebinger and C. Swan (eds) *Colonial Botany: Science, Commerce, and Politics in the Early Modern World*, in *Renaissance Studies* 20 (2006), 447-449

Fara, P. Review of P.J. Bowler and I.R. Morus, *Making Modern Science: A Historical Survey*, in *Notes and Records of the Royal Society* 60 (2006), 97-98

Fara, P. Review of M. Feingold, *The Newtonian Moment: Isaac Newton and the Making of Modern Culture*, in *Nuncius* 20 (2005), 485-486

Fara, P. Review of I.R. Morus, *When Physics Became King*, in *Notes and Records of the Royal Society* 59 (2005), 335-336

Fara, P. Review of M. Ben-Chaim, *Experimental Philosophy and the Birth of Empirical Science: Boyle, Locke and Newton*, in *Annals of Science* 63 (2006), 124-126

Fara, P. Review of M. Jacob and L. Stewart, *Practical Matter: Newton's Science in the Service of Industry and Empire*, in *Minerva* 43 (2005), 435-439

In Press

Articles in books

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

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

Articles in journals

Fara, P. 'Hidden depths: Halley, hell and other people', *Studies in History and Philosophy of Biological and Biomedical Sciences*

Fara, P. 'Lunar philosophers', *Endeavour*

Reviews

Fara, P. Review of P. Dear, *The Intelligibility of Nature: How Science Makes Sense of the World*, in *TLS*

Fara, P. Review of R. Pearson, *Voltaire Almighty: A Life in Pursuit of Freedom*, in *THES*

Fara, P. Review of D. Park, *The Grand Contraption: The World as Myth, Number, and Chance*, in *Isis*

Fara, P. Review of L. Schiebinger, *Plants and Empire: Colonial Bioprospecting in the Atlantic World*, in *Bulletin of the History of Medicine*

Fara, P. Review of C. Smith and R. Arnott (eds) *The Genius of Erasmus Darwin*, in *British Journal for the History of Science*

Lectures and Conferences

October 2005

Fara, P. 'Stalking the Lion', ADC Theatre, Cambridge

November 2005

Fara, P. 'Newton v Einstein debate', Royal Society of London

February 2006

Fara, P. 'Women, power and science in the Enlightenment', British Museum

June 2006

Fara, P. 'Empires of science', Exeter Academy (USA)

July 2006

Fara, P. 'Empires of science', Open Day, Clare College, Cambridge

Marina Frasca-Spada

Marina Frasca-Spada is still an Affiliated Lecturer; a member of the HPS Board and Degree Committee; the Co-Editor of *Studies in History and Philosophy of Science* and the Associate Editor of *Studies in History and Philosophy of Biological and Biomedical Sciences*. She is also a member of the Kant Reading Group, for which she co-organised the one-day conference on 'Kant on reason and action'; and of the Management Committee of the British Society for the History of Philosophy and co-organiser, with P. Kail, of a special-interest group on Hume. She is the HPS DoS, a Graduate Tutor and an Official Fellow of St Catharine's College; and the Philosophy DoS at Lucy Cavendish. This year she started to serve as a member of the Senior Tutors' Standing Committee on Education and of the University Committee on Hardship Funds.

Publications

Books

Frasca-Spada, M. and Kail, P.J.E. (eds) (2005) *Impressions of Hume*, Oxford University Press

Articles in books

Frasca-Spada, M. (2005) 'Quixotic confusions and Hume's imagination' in *Impressions of Hume*, 161-186

Frasca-Spada, M. and Kail, P.J.E. (2005) 'Introduction' in *Impressions of Hume*, 1-9

In Press

Articles in journals

Frasca-Spada, M. 'Simple perceptions in Hume's *Treatise*', *Rivista di storia della filosofia*, special issue on Hume

Axel Gelfert

Axel spent the past academic year as a Junior Research Fellow at Collegium Budapest (Institute for Advanced Study), after having finished his PhD at HPS in autumn. He also served as a visiting lecturer at the Department of Philosophy and History of Science, University of Technology and Economics (Budapest), where he gave a PhD course on Social Epistemology. In September 2006, Axel will be joining the Department of Philosophy at the National University of Singapore as a Postdoctoral Fellow; however, he intends to keep in touch with HPS in Cambridge, where he remains an Affiliated Research Scholar.

Publications

Articles in journals

Gelfert, A. 'Mathematical rigor in physics: putting exact results in their place', *Philosophy of Science* 72:5 (2005)

Gelfert, A. 'Kant on testimony', *British Journal for the History of Philosophy* 14:4 (2006)

Other articles

Gelfert, A. 'How democratic is the new left? Germany and the elections', *International Herald Tribune*, 3 October 2005

In Press

Reviews

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

Lectures and Conferences

November 2005

Gelfert, A. 'Locke on testimony and the communication of knowledge', Department of History of Philosophy, University of Miskolc, Miskolc, Hungary

December 2005

Gelfert, A. 'Mathematical rigor and mathematical models', Department of History and Philosophy of Science, Eötvös Lorand University, Budapest, Hungary

January 2006

Gelfert, A. 'A Kantian perspective on social epistemology', Institute of Philosophy, Hungarian Academy of the Sciences, Budapest, Hungary

Gelfert, A. 'Cognitive biases and historiography of philosophy, or: how to invent a philosophical tradition', Fellows' Seminar Series, Collegium Budapest (Institute for Advanced Study), Budapest, Hungary

March 2006

Gelfert, A. 'Philosophische Perspektiven des Anachronismus-Problems' (in German, with simultaneous translation into Romanian; Inaugural Lecture of the Hertie-NEC Programme), New Europe College (Institute for Advanced Study), Bucharest, Romania

April 2006

Gelfert, A. 'Georg Simmel's social epistemology of history', Second Annual Workshop in the Philosophy of the Social Sciences, Department of History and Philosophy of Science, University of Cambridge

June 2006

Gelfert, A. 'Simulating many-body systems: the epistemic role of cross-model justification', LSE/CNRS Conference 'Models and Simulations', Paris, France

Jeremy Gray

Jeremy Gray was appointed an Honorary Professor of Mathematics at the University of Warwick in December 2005. He was elected an effective member of the Académie Internationale d'Histoire des Sciences/International Academy of the History of Science in March 2006.

Publications

Articles in books

- Gray, J.J. (2005) 'Olinde Rodrigues's paper of 1840 on a group of transformations' in S. Altman and E. Ortiz (eds) *Mathematical and Social Utopias in France: Olinde Rodrigues and his Times*, The American and London Mathematical Societies series in the history of mathematics, 28, 131-140
- Gray, J.J. (2006) 'Modern mathematics as a cultural phenomenon' in J. Ferreirós and J.J. Gray (eds) *The Architecture of Modern Mathematics*, Oxford University Press, 371-396
- Ferreirós, J. and Gray, J.J. (2006) 'Introduction' in J. Ferreirós and J.J. Gray (eds) *The Architecture of Modern Mathematics*, Oxford University Press, 1-44
- Gray, J.J. (2006) 'Poincaré – between physics and philosophy' in M. Friedman and A. Nordmann (eds) *The Kantian Legacy in Nineteenth-Century Science*, Dibner Press, MIT, 295-314
- Gray, J.J. (2006) 'A history of prizes in mathematics' in J. Carlson, A. Jaffe and A. Wiles (eds) *The Millennium Prize Problems*, Clay Mathematics Institute and American Mathematical Society, 3-27

Articles in journals

- Barrow-Green, J. and Gray, J.J. 'Geometry at Cambridge, 1863-1940', *Historia Mathematica* 33 (2006), 315-356

Reviews

- Gray, J.J. Review of T. Crilly, *Arthur Cayley: Mathematician Laureate of the Victorian Age*, MAA Online (2006)
- Gray, J.J. Review of S. Hawking, *God Created the Integers: The Mathematical Breakthroughs that Changed History*, in *Nature* 439 (2006), 536

In Press

Books

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

Articles in books

- Gray, J.J. (2005) 'Gauss and non-Euclidean geometry' in *Proceedings of the Conference on the 200th Anniversary of the Birth of Janos Bolyai* (Budapest, Hungary, July 2002), Kluwer
- Gray, J.J. (2005) 'Enriques: popularising science and the problems of geometry' in J. Lützen (ed.) *Proceedings of the Conference on Interactions between Mathematics, Physics, and Philosophy, 1850-1940*, Kluwer
- Gray, J.J. (2005) 'A.R. Forsyth' in J. Richards (ed.) *Dictionary of Nineteenth-Century British Scientists*, Thoemmes Press
- Gray, J.J. (2005) 'Geometry, history of' in the *Princeton Companion to Mathematics*, Princeton University Press
- Gray, J.J. (2005) 'Geometry' in the *New Dictionary of the History of Ideas*, Scribner's, New York

Lectures and Conferences

March 2006

- Gray, J.J. 'Space ships and jungles: mathematics and modernism', *Modernism in the Sciences, 1900-1940*, University of Frankfurt

April 2006

- Gray J.J. 'Geometric fantasies – the philosophies of complex analysis in the 19th century', *British Society for the History of Philosophy*, University of Cambridge

James Hannam

Publications

Reviews

- Hannam, J. Review of D. Lindberg and R. Numbers (eds) *When Science and Christianity Meet*, in *Science and Christian Belief* 17 (2005), 249-250
- Hannam, J. Review of W. Applebaum, *The Scientific Revolution and the Foundations of Modern Science*, in *Perspectives of Science and Christian Faith* 58 (2006), 155

In Press

Reviews

- Hannam, J. Review of W. Wallace, *Domingo de Soto and the Early Galileo*, in *British Journal for the History of Science*

Nick Hopwood

Nick Hopwood, a senior lecturer in the Department, continued to coordinate the history of medicine programme and won a 2006 Pilkington teaching prize. He organised the first Cambridge Wellcome Lecture in the History of Medicine and co-organised a 'Free School Lane workshop on Reproduction' that brought together researchers from HPS, Social Anthropology and the Centre for Family Research. He joined the Wellcome Library advisory committee and the editorial advisory boards of *Annals of History and Philosophy of Biology* and the *International Journal of Developmental Biology*. He continued to serve as external examiner for three undergraduate humanities courses and the new History of Medicine BSc at Imperial College London and began a stint as external for the new Durham MA in History and Philosophy of Science and Medicine. He was on sabbatical leave in Michaelmas and Lent Terms.

Publications

Articles in journals

Hopwood, N. 'Pictures of evolution and charges of fraud: Ernst Haeckel's embryological illustrations', *Isis* 97 (2006), 260-301

In Press

Articles in books

Hopwood, N. '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

Articles in journals

Hopwood, N. 'Artists' strategies and anatomical authority: models, dissection and the revolution of 1848', *Medical History* 50 (2007)

Hopwood, N. 'A history of normal plates, tables and stages in vertebrate embryology', *International Journal of Developmental Biology*

Lectures and Conferences

October 2005

Hopwood, N. and Buklijas, T. 'Making the visible embryo', Free School Lane workshop on Reproduction, University of Cambridge

Hopwood, N. 'Pictures of evolution and charges of fraud: Ernst Haeckel's embryological illustrations', Rehseis, Université Paris 7

May 2006

Hopwood, N. 'Visualizing development: anatomies of human embryos', conference on 'Talking embryos', CRASSH, University of Cambridge

Hopwood, N. 'Model embryos', wandering seminar of the Max Planck research network on 'History of scientific objects', Department of History and Philosophy of Science, University of Cambridge

September 2006

Hopwood, N. 'Anatomist holds model embryo: interpreting a marble portrait from 1900', conference on 'Foetal fortunes', University of Glasgow

Annette Imhausen

In May 2006 Annette Imhausen took up a Junior Professorship for History of Mathematics at Mainz University (Germany). She is working within a mathematics department in the group of Professor David E. Rowe and Dr habil Volker R. Remmert. She continues living and researching in Cambridge (outside of German term time and weekends during term time).

Publications

Articles in books

Imhausen, A. (2006) 'UC 32107A verso: a mathematical exercise?' in M. Collier and S. Quirke (eds) *The UCL Lahun Papyri: Accounts (BARS 1471)*, Archaeopress, Oxford

Articles in journals

Imhausen, A. 'Ancient Egyptian mathematics: new perspectives on old sources', *Mathematical Intelligencer* 28 (2006), 19-27

Imhausen, A. and Remmert, V.R. 'The Oratio on the dignity and the usefulness of the mathematical sciences of Martinus Hortensius (Amsterdam, 1634): text, translation and commentary', *History of Universities* 21 (2006), 71-150

Reviews

Imhausen, A. Review of S. Cuomo, *Ancient Mathematics*, in *Aestimatio* 2 (2005), 49-57 (http://www.ircps.org/publications/aestimatio/pdf/2005-05-01_Imhausen.pdf)

Imhausen, A. Review of C. Rossi, *Architecture and Mathematics in Ancient Egypt*, in *American Journal of Archaeology* 110 (2006), 6-7

Lectures and Conferences

July 2006

Imhausen, A. 'Demotic mathematics: tradition, transmission, development (?)', Symposium: Aspects of Early Astronomy and Mathematics: Ancient Egypt, Ancient Greece, Islamic Middle Ages, Institute for the History of Science, Johann Wolfgang Goethe Universität, Frankfurt

Imhausen, A. 'Mumien, Mythen, Mathematik: Ägypten 1800 v. Chr.' (Mummies, myths, and mathematics: Egypt 1800 BCE), inaugural lecture, Johannes Gutenberg University, Mainz

Grants

'Demotic Mathematics: Traditions, Development, Transmission', Research Grant Gerda Henkel Stiftung: €18,000

Nick Jardine

Nick Jardine served as departmental Director of Graduate Studies, as a member of the Botanic Garden Syndicate, as a member of the University's Journal Coordination Working Group, and as a member of the British Academy's Review of Peer Review Panel. With Marina Frasca-Spada he has continued to edit *Studies in History and Philosophy of Science* and *Studies in History and Philosophy of Biological and Biomedical Sciences* with the help of the many members of the Department who are Assistant, Consulting and Advisory Editors. With Debby Banham, Patrick Boner and Anke Timmermann he has organised the Latin Therapy Group, in which classicists, medievalists and early-modernists from HPS and allied departments hone their Latinity on natural philosophical, medical, mathematical and technical texts. He has continued to help with the organisation of the Cabinet of Natural History and the Kant Reading Group. The British Academy and the CNRS have continued their support for the project 'Conflict and priority in early-modern astronomy', carried out in collaboration with Alain Segonds (CNRS, Paris), Miguel Granada (University of Barcelona), Dieter Launert (Gymnasium, Meldorf), and Adam Mosley (University of Swansea).

Publications

Articles in books

Jardine, N. (2005) 'The many significances of Kepler's *Contra Ursum*' in D. Di Liscia (ed.) *Festschrift für Volker Bialas*, Dr Erwin Rainer Verlag, Augsburg, 129-142

Jardine, N., Boner, P. and Kjellgren, M. (2006) 'Kepler and the earthly soul detector' in A. Timmermann et al. (eds) *The Body as Instrument*, Whipple Museum, University of Cambridge, 38-47

Jardine, N., Lewis, C. and Buttrey, T. (2006) 'The repellent saint: an inscribed apotropaic medalet' in A. Timmermann et al. (eds) *The Body as Instrument*, Whipple Museum, University of Cambridge, 21-26

Articles in journals

Jardine, N. 'Tycho vs Ursus: the build-up to a trial', *Journal for the History of Astronomy* 36 (2005), 81-106 and 125-165 (including 'The lost copy of Ursus's *De astronomicis hypothesibus* marked for use in his trial' (with K. Tybjerg); 'Tycho pursues a dead poet' (with A. Segonds and D. Launert); 'Ursus's anonymous pamphlet on the ancient origins of geoheliocentric hypotheses' (with D. Launert and A. Segonds); 'The formal refutation of Ursus's *Demonstratio* by Johannes Müller, briefed by Tycho Brahe' (with A. Segonds); 'Kepler's refutation of Ursus's *Demonstratio*' (with K. Harloe))

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

In Press

Books

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

Articles in books

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

Lectures and Conferences

April 2006

Jardine, N. 'Gadamer's "merely historical understanding" of past philosophies', conference on Philosophy and Historiography, organised by the British Society for the History of Philosophy, Robinson College, Cambridge

June 2006

Jardine, N. 'Kepler, God, and the virtues of the Copernican system', Colloque: Nouveau ciel, nouvelle terre, Université Marc Bloch, Strasbourg

Richard Jennings

Richard Jennings continues to supervise about half of the HPS IB students in philosophy of science, and directs the studies of about a third of them. In addition to giving Department lectures on Ethics in Science, he runs workshops on Ethical Problems in the Use and Practice of Science for the Graduate Programme at the Wellcome Trust Sanger Institute. He gives an introductory course of eight lectures on Professional Practice and Ethics to the first year Computer Science Tripos students, and examines this subject. He continues to play an active role in the Ethics Expert Panel of the British Computer Society (BCS), which takes a proactive part in advising the BCS on issues of professional ethics. During the year he wrote the mission statement for the newly formed Ethics Forum, which aims to raise the profile of ethical issues in computing to a national and international level. In July and August he taught History of Natural Philosophy to US students participating in the Pembroke/King's 2006 summer school programme, and in August he taught a course on the History of Western Science and its Japanese Assimilation to students from Nihon University in Tokyo. Both courses included examining and marking.

Publications

Articles in journals

Jennings, R. 'Vested interests and the integrity of science', *Campaign for Science and Engineering Newsletter* 49 (2006), 5-11

Jennings, R. 'Science, truth and ethics', *Think*, Issue 12, Spring 2006, 85-87

Reviews

Jennings, R. Review of GeneWatch UK, *Non-Food GM Crops: New Dawn or False Hope? Part 1: Drug Production*, in *SGR/AESR Newsletter*, December 2005, 23

Jennings, R. Review of GeneWatch UK, *Non-Food GM Crops: New Dawn or False Hope? Part 2: Grasses, Flowers, Trees, Fibre Crops and Industrial Uses*, in *SGR/AESR Newsletter*, December 2005, 34

Jennings, R. Review of A. Wilson, J. Latham and R. Steinbrecher, *Genome Scrambling – Myth or Reality? Transformation-Induced Mutations in Transgenic Crop Plants*, in *SGR/AESR Newsletter*, June 2006, 22

Jennings, R. Review of Nuffield Council on Bioethics, *The Ethics of Research Involving Animals*, in *SGR/AESR Newsletter*, June 2006, 26

In Press

Articles in books

Jennings, R. 'Health and safety in IT use' and 'Web accessibility', Institute of Business Ethics, *Ethical Uses in the Use of IT*

Reviews

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

Lectures and Conferences

November 2005

Jennings, R. 'Data selection, data suppression – an ethical issue', Graduate Students of the Clinical School, Addenbrooke's Hospital

January 2006

Jennings, R. 'Physics and the military', Cambridge University Physics Society

February 2006

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

May 2006

Jennings, R. Workshops on Ethical Conduct of Research, Wellcome Trust Sanger Institute

June 2006

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

Jennings, R. 'Mission statement and terms of reference for an ethical forum', Ethics Expert Panel of the British Computer Society

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

Jennings, R. Hosting a meeting of representatives of the Fondazione Centro San Raffaele del Monte Tabor, of the University of Cambridge Computer Laboratory, and of the Department of History of Philosophy of Science to discuss ethical issues in the area of hospital information management

Natalie Kaoukji

Publications

Articles in books

Timmermann, A. and Kaoukji, N. (2006) 'The world on a string: Robert Fludd's theory of man as a monochord' in A. Timmermann, N. Jardine and D. Banham (eds) *The Body as Instrument*, Whipple Museum, University of Cambridge, 27-37

Lectures and Conferences

February 2006

Kaoukji, N. 'A natural history of machines: John Wilkins' *Mathematical Magic*', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

March 2006

Kaoukji, N. 'Paper flights: literary devices for natural philosophy', British Society for Science and Literature, University of Glasgow

Lauren Kassell

Lauren Kassell's *Medicine and Magic in Elizabethan London: Simon Forman, Astrologer, Alchemist, and Physician* (Oxford, 2005) was short-listed for the Royal Historical Society 2005 Whitfield Prize and received an Honorable Mention (second place) for the Revista Azogue 2005 Book of the Year. A paperback edition will be published in early 2007. Throughout the year she continued to manage Paper 7, organise the Early Medicine and Natural Philosophy Seminar, and act as Director of Studies in HPS for Pembroke College. She also organized the 'From Generation to Reproduction' seminar series, supported by the Wellcome Trust. In Michaelmas Term she was IB Manager and Paper 2 Manager. She will be on leave for the 2006-7 academic year, funded by the Wellcome Trust Enhancement Award.

Publications

Articles in books

Kassell, L. (2005) 'The economy of magic in Early Modern England' in M. Pelling and S. Mandelbrote (eds) *The Practice of Reform in Health, Medicine, and Science, 1500-2000: Essays for Charles Webster*, Ashgate

Articles in journals

Kassell, L. "'All Was This Land Full Fill'd of Faerie", or magic and the past in Early Modern England', *Journal of the History of Ideas* 67 (2006), 107-122

Reviews

Kassell, L. Review of B. Moran, *Distilling Knowledge: Alchemy, Chemistry and the Scientific Revolution*, in *American Historical Review* 111 (2006), 553-554

Kassell, L. Review of A. Robinson, *The Last Man Who Knew Everything: Thomas Young, The Anonymous Polymath Who Proved Newton Wrong, Explained How We See, Cured the Sick, and Deciphered the Rosetta Stone, Among Other Feats of Genius*, in *American Scientist* 94 (2006), 378-379

In Press

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. Jenner and P. Wallis (eds) *Medicine and the Market in Early Modern England*, Palgrave Macmillan

Reviews

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

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*

Lectures and Conferences

November 2005

Kassell, L. "'Ceremonial, Superstitious Trash': Thomas Vaughan's alchemy and the reform of ritual magic in seventeenth-century England", Department of History, Yale University

February 2006

Kassell, L. 'Ceremonial, Superstitious Trash': Thomas Vaughan's alchemy and the reform of ritual magic in seventeenth-century England', Centre for Early Modern Studies, University of Sussex

Kassell, L. 'Magnetical medicine: the healing virtues of invisible things in seventeenth-century England', Centre for the History of Medicine, University of Warwick

March 2006

Kassell, L. 'Magnetical medicine: the healing virtues of invisible things in seventeenth-century England', Seminar in Early Modern Economic and Social History, University of Cambridge

April 2006

Kassell, L. "'Secrets Revealed': alchemical books in Restoration London", HPS Seminar Series, University of Leeds

May 2006

Kassell, L. 'Magnetical medicine: the healing virtues of invisible things in seventeenth-century England', American Association for the History of Medicine Annual Meeting, Halifax, Nova Scotia

June 2006

Kassell, L. 'Sex on the brain: Helkiah Crooke's *Microcosmographia* (1615), gender and medicine in Early Modern England', Society for Social History of Medicine Annual Conference, Warwick

September 2006

Carey, H., Kassell, L. and Ralley, R. Organisers of *Astrology and the Body 1100-1800*, a two-day conference supported by the British Academy and the Williamson Fund

Melanie Keene

This year Melanie helped Katy Price with the organisation of the Science and Literature Reading Group, and set up its internet blog (<http://sci-lit-reading-group.blogspot.com>). She also gained a new appreciation of the intricacies of Victorian dress by appearing as Lyme Regis fossilist Mary Anning at the BSHS Annual Conference.

Publications

Report of the BSHS Postgraduate Conference, University of Brighton, *Viewpoint*, June 2006

In Press

Articles in books

Keene, M. (2006) "'An object in every walk': Gideon Mantell and the art of seeing pebbles' in H. Macdonald and F. Reid (eds) *The Cabinet of Natural History Garden Party Talks IV: Objects of Natural History*

Articles in journals

Keene, M. "'Every Boy & Girl a Scientist': instruments for children in inter-war Britain', *Isis* (June 2007)

Lectures and Conferences

November 2005

Keene, M. 'Things that talk: the voices of Victorian objects', lunchtime seminar, Darwin College, Cambridge

Keene, M. 'Things that talk: the voices of Victorian objects', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

January 2006

Keene, M. "'Eyes and no eyes": Gideon Mantell and the art of seeing pebbles', BSHS Postgraduate Conference, University of Brighton

April 2006

Keene, M. "'Eyes and no eyes": Gideon Mantell and the art of seeing pebbles', History of Geology Group Open Meeting, Burlington House

May 2006

Keene, M. "'Every Boy & Girl a Scientist": instruments for children in inter-war Britain', More Case Studies from the Whipple Museum, Department of History and Philosophy of Science, University of Cambridge

June 2006

Keene, M. "'Eyes and no eyes": Gideon Mantell and the art of seeing pebbles', The Verbal and the Visual in Nineteenth Century Culture, Birkbeck College

July 2006

Keene, M. 'Didactic dodos and singing saurians: the voices of geology in John Mill's *Fossil Spirit* (1854)', BSHS Annual Conference, University of Kent, Canterbury

Martin Kusch

In 2005-6 Martin Kusch acted as Part II Manager and Chairman of the HPS Board and Degree Committee. He organised the Scepticism Reading Group, and co-organised the STS Workshop, and two conferences: one on Kuhn and the Sociology of Scientific Knowledge, the other on the Philosophy of the Social Sciences.

Publications

Books

Kusch, M. (2006) *A Sceptical Guide to Meaning and Rules: Defending Kripke's Wittgenstein*, Acumen and McGill-Queen's University Press

Articles in books

Kusch, M. (2005) 'Relativismi ja skeptisismi' (Relativism and scepticism, in Finnish) in J. Rydman (ed.) *Suhteellista? Einsteinin suhteellisuusteorian jalanjäljillä*, Yliopistopaino, Helsinki, 175-196

Kusch, M. (2006), 'Hintikka on Heidegger and the universality of language' in R.E. Auxier and L.E. Hahn (eds) *The Philosophy of Jaakko Hintikka (The Library of Living Philosophers, Vol. XXX)*, Open Court, 713-729

Articles in journals

Kusch, M. 'Beliefs, kinds and rules: a comment on Kornblith's *Knowledge and Its Place in Nature*', *Philosophy and Phenomenological Research* 72 (2005), 411-419

Lectures and Conferences

March 2006

Kusch, M. 'Scepticism and the sociology of knowledge', Inaugural Lecture, Department of History and Philosophy of Science, University of Cambridge

Kusch, M. 'Science and democracy', Christ's College, Cambridge

Kusch, M. 'Scepticism and the sociology of knowledge', Department of Philosophy and Sociology, University of Exeter

April 2006

Kusch, M. 'The sociology of philosophical knowledge: a defence', Plenary Lecture, Conference of the British Society for the History of Philosophy, Robinson College

Kusch, M. 'Searle on rule scepticism', Workshop in the Philosophy of the Social Sciences, Department of History and Philosophy of Science, University of Cambridge

August 2006

Kusch, M. 'Testimony and the value of knowledge', invited lecture, Conference on the Value of Knowledge, Sterling

September 2006

Kusch, M. 'Towards a political philosophy of risk', Central European University, Budapest

Kusch, M. 'Kripke vs. Searle on Wittgenstein and rule-scepticism', Miskolc University, Hungary

Kusch, M. 'Kripke vs. Searle on Wittgenstein and rule-scepticism', Plenary Lecture, Annual Meeting of the Hungary Philosophical Association, Budapest

Gerald Kutcher

Gerald Kutcher is Dean's Professor of the History of Medicine at Binghamton University where he has taught courses in the history of medicine, social studies of science, history of bioethics and public health. He has co-directed with Richard Lee of the Braudel Center a university supported workshop on science studies, which combines bi-monthly discussions with invited lectures. He is still active in medical research and continues to publish in that area.

In Press

Articles in books

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

Nahum, A. and Kutcher, G. 'Biological evaluation of treatment plans' in P. Mayles, A. Nahum and J.C. Rosenwald (eds) *Handbook of Radiotherapy Physics*, Taylor and Francis

Jackson, A. and Kutcher, G. 'Treatment plan evaluation' in F. Kahn (ed.) *Treatment Planning in Radiation Oncology, Second Edition*, Williams and Wilkins

Reviews

Kutcher, G. Review of J. Goodman et al. *Useful Bodies: Humans in the Service of Medical Science in the Twentieth Century*, in *History and Philosophy of the Life Sciences*

Lectures and Conferences

October 2005

Kutcher, G. 'A case of human experimentation: the patient as subject, object and martyr', University of Manchester

Wang-Yen Lee

I was awarded the 2005 Coventry Prize for Divinity by St Edmund's College, Cambridge for my MPhil work in philosophy of religion. (My MPhil thesis is an interface in philosophy of science (70%) and philosophy of religion (30%).)

Publications

Reviews

Lee, W.-Y. Review of T.F. Torrance, *Theological Science*, in *Church & Society* (2006)

In Press

Articles in journals

Lee, W.-Y. 'A pragmatic case against pragmatic theological realism', *The Heythrop Journal: A Quarterly Review of Philosophy and Theology* (2008) (extracted from MPhil thesis)

Lectures and Conferences

July 2006

Lee, W.-Y. 'Does Plantinga's evolutionary argument against naturalism work if P(R/N&E) is inscrutable?', Ian Ramsey Centre for Science and Religion Conference: Putting Science-and-Religion to its Place: New Visions of Nature, St Anne's College, Oxford

Tim Lewens

Tim Lewens is now Senior Lecturer in the HPS Department, and he remains a Fellow of Clare College. With Helen Macdonald, he is Book Reviews Editor of *Studies in History and Philosophy of Biological and Biomedical Sciences*, and he has also taken up the post of subject-editor in philosophy of biology for the *Routledge Encyclopedia of Philosophy, Online Edition*. He won a Philip Leverhulme Prize in 2005.

Publications

Articles in books

Lewens, T. (2005) 'The problems of biological design' in A. O'Hear (ed.) *Philosophy, Biology and Life* (Royal Institute of Philosophy Supplement 56), Cambridge University Press, 177-191

Articles in journals

Lewens, T. 'Distinguishing therapy from research: a functional approach', *Journal of Medical Ethics* 32 (2006), 424-429

Lewens, T. 'What is Darwinian naturalism?', *Biology and Philosophy* 20 (2005), 901-912

In Press

Books

Lewens, T. (2006) *Darwin*, Routledge

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

Articles in books

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

Articles in journals

Lewens, T. 'Darwinism and metaphysics', *Metascience*

Reviews

Lewens, T. Review of K. Stanford, *Beyond our Grasp*, in *Science*

Lectures and Conferences

October 2005

Lewens, T. 'Ethics on trial', panel member, Institute of Ideas Conference, London

February 2006

Lewens, T. 'Drug safety and the precautionary principle', Royal Institute of Philosophy, Keele University Branch, Centre for Law, Ethics and Society

April 2006

Lewens, T. 'Darwin, Mayr and population thinking', EGENIS, University of Exeter

May 2006

Lewens, T. 'Population thinking and organisms', L'Organisme dans la Théorie Evolutionniste, REHSEIS, Paris

Lewens, T. 'Darwin, Mayr and population thinking', Departmental Colloquium, University of Stockholm

Lewens, T. 'Drug safety and the precautionary principle', Swedish Royal Institute of Technology, Stockholm

June 2006

Lewens, T. 'Response to Michel Morange', The Making up of Organisms, Ecole Normale Supérieure, Paris, France

September 2006

Lewens, T. 'Population and innovation', The Comparative Philosophy of Organisms and Artefacts, Konrad Lorenz Institute, Altenberg, Austria

Peter Lipton

Peter Lipton remains Head of the Department. He serves as Advisory Editor for *Studies in the History and Philosophy of Science*, and on the Editorial Board of *The British Journal for the Philosophy of Science* and the *Ashgate New Critical Thinking in Philosophy* series. He is a member of the Nuffield Council on Bioethics, the Nominating Committee of the Philosophy of Science Association, and the Peer Review College of the Arts and Humanities Research Council. He is a founding panellist on AskPhilosophers.com. In June 2006 he was made a Fellow of the Academy of Medical Sciences.

Publications

Articles in books

Lipton, P. (2006) 'Abduction' in S. Sarkar and J. Pfeifer (eds) *The Philosophy of Science: An Encyclopaedia*, Routledge, 1-3

Lipton, P. (2006) 'Inference to the best explanation' in D. Borchert (ed.) *Encyclopaedia of Philosophy*, Macmillan

Articles in journals

Lipton, P. et al. 'Wouldn't it be lovely: explanation and scientific realism. Symposium on *Inference to the Best Explanation*, 2nd edition', *Metascience* 14 (2005), 331-361 (with J. Ladyman, I. Douven and B. van Fraassen)

Lipton, P. 'Methodological socialism', *The Journal of Consciousness Studies* 13 (2006), 88-98

Dicken, P. and Lipton, P. 'What can Bas believe? Musgrave and van Fraassen on observability', *Analysis* 66 (2006), 226-233

In Press

Articles in books

Lipton, P. 'Science and religion: the immersion solution' in M. Scott and A. Moore (eds) *Realism and Religion: Philosophical and Theological Perspectives*, Ashgate

Lipton, P. 'Accepting contradictions' in B. Monton (ed.) *Images of Empiricism: Essays on Science and Stances, with a Reply from Bas van Fraassen*, Oxford University Press

Lipton, P. 'Evidence and explanation' in K. Tyjberg et al. (eds) *Evidence*, Cambridge University Press

Lipton, P. 'Inference to the best explanation' in M. Curd and S. Psillos (eds) *Routledge Companion to the Philosophy of Science*, Routledge

Lipton, P. 'Causation and explanation' in H. Beebe, C. Hitchcock and P. Menzies (eds) *Oxford Handbook of Causation*, Oxford University Press

Lipton, P. 'Maimonides and the astrologers' in S. Reif (ed.) *Maimonides*, Brill

Lipton, P. 'Reductionism, explanation, and ceteris paribus laws' in J. Hohwy (ed.) *Reduction and Explanation*, Oxford University Press

Lipton, P. 'The ravens revisited' in A. O'Hear (ed.) *Philosophy of Science*, Cambridge University Press

Articles in journals

Lipton, P. 'Symposium on *Inference to the Best Explanation*, 2nd edition', *Philosophy and Phenomenological Research*

Reviews

Lipton, P. Review of S. Haack, *Defending Science – Within Reason*, in *Isis*

Lipton, P. Review of P.K. Stanford, *Exceeding our Grasp: Science, History and the Problem of Unconceived Alternatives*, in *Notre Dame Philosophical Reviews*

Lectures and Conferences

October 2005

Lipton, P. 'The ethics of pharmacogenetics', HORIZON conference on personalised medicine, Cambridge

Lipton, P. 'Science and religion: the immersion solution', Cambridge University Atheists and Agnostics Society

November 2005

Lipton, P. 'Oxbridge interviews', AJ6, London

Lipton, P. 'Testimony and the growth of knowledge', Institute of Philosophy, University of London

December 2005

Lipton, P. 'The ethics of pharmacogenetics', Hinxton Genome Centre

January 2006

Lipton, P. 'Testimony and the growth of knowledge', Hull University

Lipton, P. 'The ravens revisited', Royal Institute of Philosophy, London

February 2006

Lipton, P. 'Prediction and prejudice', Whiston Society, Clare College, Cambridge

March 2006

Lipton, P. 'Can Kuhn be naturalised? Comments on Bird', Conference on Kuhn and SSK, Department of History and Philosophy of Science, University of Cambridge

April 2006

Lipton, P. 'Testimony and the growth of knowledge', Workshop in the Philosophy of the Social Sciences, Department of History and Philosophy of Science, University of Cambridge

May 2006

- Lipton, P. 'Testimony and the growth of knowledge', University of Athens
Lipton, P. 'The value of the history and philosophy of science', University of Athens
Lipton, P. 'Miracles and Intelligent Design', Sermon before the University, Cambridge

June 2006

- Lipton, P. 'Science and religion: the immersion solution', Faraday Institute, Cambridge
Lipton, P. 'The ethics of cloning', Newnham College, Cambridge
Lipton, P. 'HPS and the teaching of science', Association for Science Education, Cambridge
Lipton, P. 'Testimony, dissent, and the growth of knowledge', LSE
Lipton, P. 'The philosophy of nothing', St Faith's School, Cambridge

July 2006

- Lipton, P. 'Why is there something rather than nothing? The legitimacy of a global contrast', Vatican Observatory
Lipton, P. 'Hearing is believing', Science Summer School, Cambridge
Lipton, P. 'Innovation in science', International Summer School, Cambridge
Lipton, P. 'Science and religion: the immersion solution', Templeton Journalism Seminars, Queens' College, Cambridge
Lipton, P. 'Will the sun rise tomorrow?', Millennium Maths Project, Cambridge
Lipton, P. 'The ethics of pharmacogenetics', Conference on Pharmacogenomics, London
Lipton, P. 'Science and innovation', University of Groningen Summer Academy, Cambridge
Lipton, P. 'Will the sun rise tomorrow?', Emmanuel College, Cambridge

September 2006

- Lipton, P. 'The Turing Test and the Chinese Room', Philosophy Society, Hills Road Sixth Form College, Cambridge
Lipton, P. 'Testimony and the growth of knowledge', BT Industrial Vision Programme, Cambridge
Lipton, P. 'Science and religion: the immersion solution', Rugby School

Geoffrey Lloyd

Professor Lloyd was interviewed by Professor Alan Macfarlane for his series of prominent historians and anthropologists, accessible at <http://www.alanmacfarlane.com/ancestors/lloyd.htm>

Publications

Books

- Lloyd, G.E.R. (2005) *Archaia Ellenike Episteme*, Heraklion (Greek translation of *Early Greek Science*)

Articles in books

- Lloyd, G.E.R. (2005) 'Mathematics as a model of method in Galen' in R.W. Sharples (ed.) *Philosophy and the Sciences in Antiquity*, Aldershot, 110-130
Lloyd, G.E.R. (2005) 'Geschichten, Annalen, Mythen' in M. Teich and A. Müller (eds) *Historia Magistra Vitae?*, Innsbruck, 27-47
Lloyd, G.E.R. (2005) 'Les techniques de persuasion en Chine et en Grèce' in J. Lacrosse (ed.) *Philosophie Comparée: Grèce, Inde, Chine*, Paris, 43-63
Lloyd, G.E.R. (2006) 'The use and abuse of classification' in D.R. Olson and M. Cole (eds) *Technology, Literacy, and the Evolution of Society*, Mahwah, New Jersey, 141-164

Articles in journals

- Lloyd, G.E.R. 'The institutions of censure: China, Greece and the modern world', *Quaderni di Storia* 62 (2005), 7-52
Lloyd, G.E.R. "'Philosophy": what did the Greeks invent and is it relevant to China?', *Extrême-Orient, Extrême-Occident* 27 (2005), 149-159

Reviews

- Lloyd, G.E.R. Review of J.M. Cooper, *Knowledge, Nature and the Good*, in *The European Legacy* 10 (2005), 762-763
Lloyd, G.E.R. Review of C. Riedweg, *Pythagoras*, in *Times Higher Education Supplement* 1724 (2006), 24
Lloyd, G.E.R. Review of P. Descola, *Par delà Nature et Culture*, in *Times Literary Supplement* 5372 (2006), 22-23
Lloyd, G.E.R. Review of M. Schiefsky, *Hippocrates: On Ancient Medicine*, in *Bulletin of the History of Medicine* 80 (2006), 365-366

In Press

Books

Lloyd, G.E.R. (2006) *Principles and Practices in Ancient Greek and Chinese Science*, Aldershot

Lloyd, G.E.R. (2006) *Cognitive Variations: Reflections on the Unity and Diversity of the Human Mind*, Oxford

Lectures and Conferences

October 2005

Lloyd, G.E.R. 'Value judgements in the history of science', University of Pennsylvania

Lloyd, G.E.R. 'The delusions of invulnerability', Library of Congress, Washington D.C.

Lloyd, G.E.R. 'Democracy and the delusions of invulnerability', ESADE Barcelona

January 2006

Lloyd, G.E.R. 'Transmission successes and failures: methodological issues and the case of fourth century BCE Greek Astronomy', Freie Universität, Berlin

February 2006

Lloyd, G.E.R. 'La santé, les valeurs, l'autorité', Centre Louis Gernet, Paris

March 2006

Lloyd, G.E.R. 'The psychic unity of human beings', Universidade de São Paulo, Brazil

Lloyd, G.E.R. 'The mathematisation of physics: comparative perspectives on ancient Greece and China', Universidade de São Paulo, Brazil

Lloyd, G.E.R. 'Greek medical case-histories and the problem of non-deductive inference', Universidade de Rio de Janeiro

Lloyd, G.E.R. 'The psychic unity of human beings', Universidade de João Pessoa

June 2006

Lloyd, G.E.R. Conference on Comparative Greek and Chinese Philosophy, Institute of Asian Studies, Oxford

Lloyd, G.E.R. 'Health, values and authority: comparative perspectives from ancient Greece and China', Conference of the Society for the Social History of Medicine, opening lecture, Warwick University

September 2006

Lloyd, G.E.R. 'The psychic unity of human beings', University of California at Berkeley

Lloyd, G.E.R. 'The mathematisation of physics: comparative perspectives on ancient Greece and China', University of California at Berkeley

Lloyd, G.E.R. 'Recent trends in the study of ancient science', Stanford University

Scott Mandelbrote

Scott Mandelbrote continues to lecture for the Natural and Moral Philosophies Paper for Part II. He is a Fellow and Director of Studies in History at Peterhouse, where he is also Tutor for Undergraduate Admissions and Perne Librarian.

Publications

Books

Mandelbrote, S. (2005) *Donors of Books to Peterhouse*, Rampant Lions Press

Pelling, M. and Mandelbrote, S. (eds) (2005) *The Practice of Reform in Health, Medicine and Science, 1500-2000: Essays for Charles Webster*, Ashgate

Articles in books

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

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

Mandelbrote, S. (2006) 'Pierre Des Maizeaux: history, toleration, and scholarship' in C. Ligota and J.-L. Quantin (eds) *The History of Scholarship*, Oxford University Press, 385-398

Mandelbrote, S. (2006) 'Isaac Newton and the Flood' in M. Mulsow and J. Assmann (eds) *Sinflut und Gedächtnis*, Wilhelm Fink Verlag, 337-353

Mandelbrote, S. (2006) "'Then this nothing can be plainer": Isaac Newton reads the fathers' in G. Frank, T. Leinkauf and M. Wriedt (eds) *Die Patristik in der Frühen Neuzeit*, Friedrich Frommann Verlag, 277-297

- Mandelbrote, S. (2005) 'William Petty and Anne Greene: medical and political reform in Commonwealth Oxford' in M. Pelling and S. Mandelbrote (eds) *The Practice of Reform*, Ashgate, 125-149
- Mandelbrote, S. (2005) 'The heterodox career of Nicolas Fatio de Duillier' in J.H. Brooke and I. Maclean (eds) *Heterodoxy in Early Modern Science and Religion*, Oxford University Press, 263-296
- Mandelbrote, S. (2005) 'Bossuet and the Bible' in A.-E. Spika (ed.) *Bossuet à Metz (1652-1659)*, Peter Lang, 229-241

Reviews

- Mandelbrote, S. Review of J. Sheehan, *The Enlightenment Bible*, in *English Historical Review* 121 (2006), 943-945
- Mandelbrote, S. 'A man and his myth', review of P. Ackroyd, *Isaac Newton*, in *Literary Review*, April 2006, 6-7

In Press

Articles in journals

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

Lectures and Conferences

February 2006

- Mandelbrote, S. 'Fatio de Duillier and the *Principia*', Newtonianism Workshop, Mathematisches Forschungsinstitut Oberwolfach

May 2006

- Mandelbrote, S. 'Jewish books and Christian readers in late seventeenth-century Cambridge', The Jewish Book Conference, Centre for Advanced Judaic Studies, University of Pennsylvania, Philadelphia

July 2006

- Mandelbrote, S. 'Becoming heterodox in late seventeenth-century Cambridge: the case of Isaac Newton', Religious Heterodoxy Conference, CRASSH, Cambridge

August 2006

- Mandelbrote, S. 'Isaac Newton and the exegesis of the book of Daniel', Symposium: 'Die Geschichte der Daniel-Auslegung in Judentum, Christentum und Islam', Humboldt-Universität zu Berlin

September 2006

- Mandelbrote, S. 'Origen and Jerome', Conference on 'Reception of Patristic Writers in the 17th Century', Zurich

Stephen F. Mason

Professor Mason tutored an eight-week course in the Summer Term for the University of the Third Age in Cambridge on 'The Origins of Natural Science; from Ancient Mesopotamia to Early Modern Europe'.

Publications

- Mason, S.F. (1953, 1962) *A History of the Sciences: Main Currents of Scientific Thought*, in the reprint series *Classics in the History and Philosophy of Science*, Routledge

Andreas Mayer

Andreas Mayer is currently a Wellcome Research Fellow, working on a book entitled *The Art and Science of Walking*.

Publications

Articles in books

- Mayer, A. (2006) 'Nackte Seelen. Die moralische Ökonomie der Couch' in L. Marinelli (ed.) *Die Couch. Vom Denken im Liegen*, Prestel, 195-215

Journals

- Mayer, A. and Marinelli, L. (eds) Special issue of *Science in Context*, 'Forgetting Freud? For a new historiography of psychoanalysis' (2006)

Articles in journals

- Mayer, A. and Marinelli, L. 'Editors' introduction – forgetting Freud? For a new historiography of psychoanalysis', *Science in Context* 19 (2006), 1-13

- Mayer, A. 'Lost objects: from the laboratories of hypnosis to the psychoanalytic setting', *Science in Context* 19 (2006), 37-64
- Mayer, A. 'Faire marcher les hommes et les images. Les artifices du corps en mouvement', *Terrain* 46 (2006), 33-48
- Mayer, A. 'La spécificité de l'auto-analyse freudienne: un expérimentalisme sans laboratoire', *Psychiatrie, Sciences Humaines, Neurosciences* 16:4 (2006), 23-33

In Press

Articles in journals

- Mayer, A. 'How to analyze yourself. Freud's self-analysis – method and myth', *Twice Magazine*, special issue on 'how to' (2006)

Lectures and Conferences

November 2005

- Mayer, A. and Marinelli, L. 'History of the couch', Psy Studies Seminar, Department of the History and Philosophy of Science, University of Cambridge

February 2006

- Mayer, A. 'Around the couch: historical reflections on the use of furniture in psychotherapy', History of Psychology Research Seminar, British Psychological Society, Centre for the History of Psychology, London

April 2006

- Mayer, A. 'Freud vergessen? Autorschaft in Wissenschaft und Psychoanalyse', Conference 'Freudlose Psychoanalyse?', Theater am Neumarkt, Zürich

July 2006

- Mayer, A. 'Gangbilder. Wissenschaftliche Repräsentationsformen bewegter Körper im 19. Jahrhundert', Conference GEHEN, Schaulager Basel

August 2006

- Mayer, A. 'Sigmund Freud analyzes himself', Conference on 'Knowing in the Human Sciences', Max-Planck-Institute for the History of Science, Berlin

Anita McConnell

Publications

Articles in books

- McConnell, A. (2005) 'Like a ship passing in the night – a sighting of Kenneth McCulloch, compass maker' in *Koersvast. Vijf eeuwen navigatie op zee*, Uitgeverij Aprilis, 105-114

Articles in journals

- McConnell, A. 'Surveying terrestrial magnetism in time and space', proceedings of the symposium 'A Century of Discovery', *Archives of Natural History* 32 (2005), 346-360
- McConnell, A. 'Franz Xaver von Zach in England', *The Harrioteer: The Newsletter of the Durham Thomas Harriot Seminar*, May 2006, 2-3
- McConnell, A., with Addendum by P. Collins, 'Will the true originator of the storm glass please own up', *Ambix* 53 (2006), 67-75

Lectures and Conferences

September 2005

- McConnell, A. 'Hans-Moritz von Brühl, a London virtuoso and patron', XXIII Scientific instrument symposium, Dresden, Germany
- McConnell, A. 'Franz Xaver von Zach in England', Symposium on the era and work of Franz Xaver von Zach (1754-1832), Budapest, Hungary

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. This year may see the publication of the first fascicule, in the series *Corpus des Astronomes Byzantins*.

Lectures and Conferences

January 2006

Mercier, R. 'On the originality of Indian mathematical astronomy', Symposium 'The Interactions of Astral Science in Oriental and Classical Antiquity', Institut für indische Philologie und Kunstgeschichte, Freie Universität Berlin

James Moore

Dr Moore is to be an inaugural Distinguished Fellow at the Institute for Advanced Study, Durham University, January-February 2007.

Publications

Articles in books

Moore, J. (2005) 'Revolution of the space-invaders: Darwin and Wallace on the geography of life' in D.N. Livingstone and C.W.J. Withers (eds) *Geography and Revolution*, University of Chicago Press, 106-132

Articles in journals

Moore, J. 'Good breeding: Darwin doubted his own family's "fitness"', *Natural History*, November 2005, 45-46

In Press

Articles in books

Moore, J. (2006) 'Darwin, Charles Robert' in G. Stein (ed.) *The New Encyclopedia of Unbelief*, Prometheus

Moore, J. (2006) 'R.A. Fisher: a faith fit for eugenics' in N.A. Rupke (ed.) *Eminent Lives in Twentieth-Century Biology and Religion*, Vandenhoeck and Ruprecht

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

Articles in journals

Moore, J. 'Wallace in wonderland', *Annals of the History and Philosophy of Biology* (2006)

Lectures and Conferences

November 2005

Guest lecture, GCSE Religious Studies, The Perse School (Boys), Cambridge

December 2005

'Darwin's legacy' (with Edward J. Larson, Ronald L. Numbers and Michael Ruse; chair: Robert Bazell, NBC News Chief Science Correspondent), American Museum of Natural History

Guest lecture, 'Introduction to the History of Health Sciences: Part I', University of California, San Francisco, School of Medicine

May 2006

Darwin seminar (with Ruth Padel, Rebecca Stott and Keith Thomson; chair, Adrian Tinniswood), Bristol Festival of Ideas

June-July 2006

'New approaches to science-and-religion – twentieth century', Institut für Wissenschaftsgeschichte, Georg-August-Universität Göttingen

August 2006

Guest field trip, BIOL S-112 Study Abroad at Oxford: Darwin and the Origins of Evolutionary Biology, Harvard University Summer School 2005, Cambridge, England

Interviews and Press Reports

October 2005

Cato, J. 'Creationism group started in Pittsburgh', *Pittsburgh Tribune-Review*, 4 October 2005

Vergano, D. 'Charles Darwin: old theory, new incarnation?', *USA Today*, 10 October 2005

February 2006

Vedantam, S. 'Eden and evolution – religious critics of evolution are wrong about its flaws. But are they right that it threatens belief in a loving God?', *Washington Post Magazine*, 5 February 2006

Interview with Sue Nelson (live, with Stephen Webster), *The Material World*, BBC Radio 4, 23 February 2006

May 2006

Taylor-Whiffen, P. 'The lost generation – intelligent design belongs in religious education not science, says Dr James Moore', *Open House*, no. 406, p. 8

June 2006

Discussion with Geoff Watts and Steve Jones (pre-recorded), *Leading Edge*, BBC Radio 4, 1 June 2006

July 2006

Interview with Krista Tippett (pre-recorded), 'Evolution and wonder: understanding Charles Darwin', 60 minutes, *Speaking of Faith*, American Public Media for National Public Radio, 20 (-26) July 2006

Lisa Mullins

In Press

Books (for school-aged children)

Mullins, L. (2006) *Inventing the Printing Press*, Crabtree Publishing Company

Mullins, L. (2006) *Inventing Electric Light*, Crabtree Publishing Company

Jaume Navarro

Publications

Books

Navarro, J. (2006) *Arquitectos de la materia*, Fundación Iberdrola, Madrid

Navarro, J. (2006) *J.J. Thomson, el padre de los electrones*, Nivola, Madrid

Articles in journals

Navarro, J. 'More than two faces of common sense', *Acta Philosophica* 14 (2005), 287-297

Navarro, J. 'J.J. Thomson on the nature of matter: corpuscles and the continuum', *Centaurus* 47 (2005), 259-282

Navarro, J. 'Neutrinos at the Cavendish', *Physics in Perspective* 8 (2006), 64-82

Navarro, J. 'The uses of neutrinos: a historical perspective', *European Journal of Physics* 27 (2006), 1257-1264

In Press

Articles in journals

Navarro, J. 'Imperial incursions in late-Victorian Cambridge: J.J. Thomson and the domains of the Physical Sciences', *History of Science*

Lectures and Conferences

September 2005

Navarro, J. 'Whewell, Thomson y la organización de las ciencias en Cambridge', UNAM, Mexico

Navarro, J. 'Neutrinos en Cambridge. Historia de una dispersión', Jornadas de Historia de la Física, UNAM, Mexico

May 2006

Navarro, J. 'J.J. Thomson and the failed quest for continuity', University of Leeds

June 2006

Navarro, J. 'Corpuscles and the continuum in late-Victorian physics', and organiser of the session 'Continuous or discontinuous? The ontology of matter in the history of science', Sixth Congress of HOPOS, International Society for the History of Philosophy of Science, Paris

July 2006

Navarro, J. 'From father to son: the electron and the Thomsons', BSHS Annual Conference, Canterbury

Richard Noakes

Publications

Articles in journals

Noakes, R., 'Ethers, religion and politics in late-Victorian physics: beyond the Wynne Thesis', *History of Science* 43 (2005), 415-455

Electronic databases

Noakes, R., Cantor, G.N., Dawson, G., Shuttleworth, S. and Topham, J.R., *The Science in the Nineteenth-Century Periodical (SciPer) Index*, hriOnline Publications, <<http://www.sciper.org>>, 2nd release (containing a further 8 periodical titles and approximately 8,000 new articles)

In Press

Books

Noakes, R. and Knox, K.C. (eds) *From Newton to Hawking: A History of Cambridge University's Lucasian Professors of Mathematics*, Cambridge University Press, paperback edition

Articles in books

Noakes, R. (2006) 'The "World of the Infinitely Little": connecting physical and psychical realities in Britain c.1900' in O. Sibum (ed.) *New Paths of Physical Knowledge: Science and the Changing Sense of Reality c. 1900*, Chicago University Press

Articles in journals

Noakes, R. 'Cromwell Varley FRS, electrical discharge and Victorian Spiritualism', *Notes and Records of the Royal Society of London*

Lectures and Conferences

February 2006

Noakes, R., 'Puzzling physics, strange spirits: British sciences and the occult before the First World War', Cambridge University Physics Society

November 2005

Noakes, R., 'Between the laboratory and the séance: territories of physics and psychical research in Britain, 1880-1920', Psy Studies Seminar, Department of History and Philosophy of Science, University of Cambridge

Martin O'Neill

Martin O'Neill is Research Fellow in Philosophy and Politics at St John's College. During 2005-06, he was also Director of Studies in Philosophy at Trinity Hall. He was the winner of the 2006 Francis Bowen Prize in Moral and Political Philosophy from Harvard University, where he is completing his PhD. During 2005-06, he lectured on liberty for the Faculty of Philosophy, and on genetics, healthcare and ethics for the Part II Biological and Biomedical Sciences paper on Medicine, Ethics and Law. He also taught a graduate seminar (with Andrea Sangiovanni) on Global Justice. Next year, he will be teaching a graduate seminar on Rawls's Political Philosophy, alongside Fabian Freyenhagen.

Publications

Reviews

O'Neill, M. 'Only fair', review of B. Barry, *Why Social Justice Matters*, in *New Statesman*, July 2005

In Press

Articles in journals

O'Neill, M. 'Genetic information, life insurance and social justice', *The Monist* 89:4 (October 2006)

Lectures and Conferences

September 2005

O'Neill, M. 'Genetic information, life insurance and social justice', Priority in Practice, School of Public Policy, UCL

May 2006

Equality and the New Global Order, John F. Kennedy School of Government, Harvard University

July 2006

O'Neill, M. 'Genetic information, life insurance and social justice', Social Justice in Practice, University College Dublin

Onora O'Neill

In Press

Books

O'Neill, O. and Manson, N. *Rethinking Informed Consent in Bioethics*, Cambridge University Press

Martin Peterson

I took up a research associateship in the Department in October 2005. I have worked on a project together with Tim Lewens on the philosophy of risk. From a research perspective, it has been my best year ever!

Publications

Articles in journals

Sjöberg, L., Peterson, M., Fromm, J., Boholm, Å. and Hansson, S.O. 'Neglected and overemphasized risks: the opinions of risk professionals', *Journal of Risk Research* 8 (2005), 599-616

Peterson, M. and Hansson, S.O. 'Equality AND priority', *Utilitas* 17 (2005), 299-309

Peterson, M. and Hansson, S.O. 'Order-independent transformative decision rules', *Synthese* 147 (2005), 323-342

Vikman-Svahn, P., Peterson, M. and Hansson, S.O. 'Principles of protection: a formal approach for evaluating dose distributions', *Journal of Radiological Protection* 26 (2006), 69-84

Peterson, M. 'The precautionary principle is incoherent', *Risk Analysis* 26 (2006), 595-601

Peterson, M. 'Indeterminate preferences', *Philosophical Studies* 130 (2006), 297-320

In Press

Articles in books

Peterson, M. 'On multi-attribute risk analysis' in T. Lewens (ed.) *Risk: A Philosophical View*, Routledge

Articles in journals

Peterson, M. 'Should the precautionary principle guide our actions or our beliefs?', *Journal of Medical Ethics*

Möller, N., Peterson, M. and Hansson, S.O. 'Safety is more than the antonym of risk', *Journal of Applied Philosophy*

Lectures and Conferences

December 2005

Peterson, M. 'Should the precautionary principle guide our actions or our beliefs?', Royal Institute of Technology, Stockholm

February 2006

Peterson, M. 'Should the precautionary principle guide our actions or our beliefs?', University of Lund

Peterson, M. 'Research ethics and particularism', University of Umea

May 2006

Peterson, M. 'Bird flu and ethics', workshop on risk and philosophy, Royal Institute of technology, Stockholm

Peterson, M. 'Should the precautionary principle guide our actions or our beliefs?', conference on 'Techniques et philosophies des risques', University of Brussels

June 2006

Peterson, M. 'Should the precautionary principle guide our actions or our beliefs?', conference on 'Ethical Aspects of Risk', Delft

Katy Price

Katy Price teaches English and Writing at Anglia Ruskin University. She lectured on Part II Paper 3, on Workshop of the World. With Melanie Keene, she ran the Science and Literature Reading Group. She continues as Communications Officer for the History of Science section of the BA Festival of Science.

Publications

Articles in journals

Price, K. 'Flame far too hot: William Empson's non-Euclidean predicament', *Interdisciplinary Science Reviews*, December 2005

In Press

Articles in books

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

Michael Redhead

Publications

Articles in books

Redhead, M. (2006) 'The unseen world' in C. Cheyne and J. Worrall (eds) *Rationality and Reality*, Springer, 155-162

Articles in journals

Redhead, M. 'Broken bootstraps: the rise and fall of a research programme', *Foundations of Physics* 35 (2005), 561-575

In Press

Books

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

Articles in books

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

Articles in journals

Redhead, M. and Lucas, J. 'Truth and provability', *British Journal for the Philosophy of Science*

Nicky Reeves

I was one of the organisers of the History of Science Workshop in 2005-06.

Lectures and Conferences

In May and June 2006 I participated in the Wandering Seminar on the History of Scientific Objects, organised by the Max Planck Institute for the History of Science, Berlin. This involved visiting history of science collections in Germany, Denmark, France, Italy, Switzerland and the UK.

Francis Lucian Reid

During the 2005-2006 academic year I was secretary of the Cabinet of Natural History in the Department of History and Philosophy of Science. This research seminar is concerned with all aspects of the history of natural history and the environmental sciences. During my period as secretary I organised 19 seminars, which were generally well attended, as well as the traditional beginning-of-year fungus hunt, the annual trip (to the Crystal Palace Gardens and Horniman Museum) and the end-of-year garden party.

I was also secretary and founder of the University of Cambridge New Zealand Studies Seminar Group, which presented seven well attended lectures and seminars on aspects of New Zealand's history and culture. Speakers included the New Zealand High Commissioner to the United Kingdom, as well as several leading historians, scientists, and other academics.

My current focus is the completion of my PhD *A Cultural History of New Zealand Science: James Hector and the New Zealand Institute, 1867-1903* before April 2007.

Publications

Reviews

Reid, F. Review of B. Luciano and D.G. Mayes (eds) *New Zealand and Europe: Connections and Comparisons*, in *The Round Table: The Commonwealth Journal of International Affairs* 95:383 (2006), 165-168

In Press

Books

Reid, F. and Macdonald, H. (eds) (2006) *Objects of Natural History: Cabinet of Natural History Garden Party Talks IV*

Articles in books

Reid, F. and Macdonald, H. (2006) 'Introduction' in F. Reid and H. Macdonald (eds) *Objects of Natural History: Cabinet of Natural History Garden Party Talks IV*

Reid, F. (2006) 'Newspapers as objects of natural history?' in F. Reid and H. Macdonald (eds) *Objects of Natural History: Cabinet of Natural History Garden Party Talks IV* (this article is also being reproduced in the *Environment and Nature in New Zealand Newsletter*, see <http://cres.anu.edu.au/envirohist/nznews06march.pdf>)

Reviews

Reid, F. Review of P. Mein Smith, *A Concise History of New Zealand*, and R. Patman and C. Rudd (eds) *Sovereignty Under Siege? Globalization and New Zealand*, in *The Round Table: The Commonwealth Journal of International Affairs* (2006)

Exhibitions

Reid, F. 'James Hector, 1834-1907', 400-word biographical panel for *Butterflies, Boffins & Black Smokers: Two Centuries of Science in New Zealand*, exhibition at the National Library of New Zealand, 5 September-26 November 2006

Reid, F. 'Peter Henry Buck (Te Rangi Hiroa) ca 1877-1951', 400-word biographical panel for *Butterflies, Boffins & Black Smokers: Two Centuries of Science in New Zealand*, exhibition at the National Library of New Zealand, 5 September-26 November 2006

Lecture and Conferences

November 2005

Reid, F. 'The Sumner Cave controversy revisited: provincialism, class, and the politics of colonial science', NZHA conference, Auckland, New Zealand and also at the Cabinet of Natural History, University of Cambridge

December 2005

Reid, F. 'Public interest, specialisation, and the battle for science in late colonial New Zealand', AAHPSSS conference, Dunedin, New Zealand

June 2006

Reid, F. 'Newspapers as objects of natural history?', Cabinet of Natural History Garden Party, University of Cambridge

Catherine Rider

Publications

Books

Rider, C. (2006) *Magic and Impotence in the Middle Ages*, Oxford University Press

Articles in books

Rider, C. (2006) 'Elite and popular superstitions in the *exempla* of Stephen of Bourbon' in *Studies in Church History* 42: K. Cooper and J. Gregory (eds) *Elite and Popular Religion*, Boydell and Brewer, Woodbridge, 78-88

Encyclopaedia entries

Rider, C. 'Impotence', 'Magic (general)', 'Magia Naturalis' and 'Witchcraft' in *International Encyclopaedia of the Middle Ages Online*, Brepols, Turnhout

Reviews

Rider, C. Review of B. Roest, *Franciscan Literature of Religious Instruction before the Council of Trent*, in *Journal of Ecclesiastical History*

Rider, C. Review of A. Duggan et al., *Omnia Disce: Studies in Memory of Leonard Boyle, OP*, in *Journal of Ecclesiastical History*

In Press

Articles in books

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

Reviews

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

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

Lectures and Conferences

November 2005

Rider, C. 'Omens, charms and demons: magic in 13th-century priests' handbooks', Cambridge Historical Society

Rider, C. 'The doctor and the witches: Bartholomaeus Carrichter's *On the Healing of Magical Illnesses*', Early Medicine and Natural Philosophy Seminar, Department of History and Philosophy of Science, University of Cambridge

February 2006

Rider, C. 'The manual of Bartholomaeus Carrichter on how to cure magically-caused illnesses', Conference on Ritual Healing in Antiquity and the Middle Ages, Warburg Institute, University of London

March 2006

Rider, C. "'A defect of the mind or body": impotence in medieval theology and Canon Law', Conference on The Body in Medieval Culture, University of Toronto

July 2006

Rider, C. 'Magic and emotion in 13th-century pastoral literature', International Medieval Congress, University of Leeds

September 2006

Rider, C. 'Did size matter? Penis size and sexual compatibility in medieval Canon Law and medicine', Conference on The Penis in Pre-Modern Culture, Massa Marittima, Italy

Eleanor Robson

Publications

Books

Robson, E., Treadwell, W.L. and Gosden C. (eds) (2006) *Who Owns Objects? The Ethics and Politics of Collecting Cultural Artefacts*, Oxbow

Black, J.A., Cunningham, G.G., Robson, E. and Zólyomi G.G. (2006) *The Literature of Ancient Sumer*, Oxford University Press (paperback edition; hardback published 2004)

Articles in books

Robson, E., Treadwell, W.L. and Gosden C. (2006) 'Introduction' in E. Robson, W.L. Treadwell and C. Gosden (eds) *Who Owns Objects? The Ethics and Politics of Collecting Cultural Artefacts*, Oxbow, ix-xvii

Articles in journals

Robson, E. 'A new manuscript of *Ninmeshara* (ETCSL 4.07.2), lines 109-139', *Orientalia* 74 (2005), 382-388

Robson, E. 'Four Old Babylonian school tablets in the collection of the Catholic University of America', *Orientalia* 74 (2005), 389-398

Lion, B. and Robson, E. 'Quelques textes scolaires paléo-babyloniens rédigés par des femmes', *Journal of Cuneiform Studies* 57 (2006), 37-53

Reviews

Robson, E. Review of J.-J. Glassner, *The Invention of Cuneiform: Writing in Sumer*, in *American Journal of Archaeology* 110 (2006), 171-172

In Press

Books

Katz, V.J., Berggren, J.L., Dauben, J., Imhausen, A., Plofker, K. and Robson E. (2007) *Sourcebook of Mathematics of the East*, Princeton University Press

Articles in books

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

Robson, E. (2006) 'Mathematics, metrology, and literate numeracy' in G. Leick (ed.) *The Babylonian World*, Routledge

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

Robson, E. (2007) 'Literacy, numeracy, and the state in early Mesopotamia' in K. Lomas (ed.) *Literacy and State Development: Comparative Perspectives*, Institute of Classical Studies

Robson, E. (2007) 'Clay mathematics: Euclid's Babylonian contemporaries' in J. Carlson (ed.) *Euclid and his Heritage*, Clay Mathematics Institute and the American Mathematical Society

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

Robson, E. (2007) 'The long career of a favourite figure: the *apsamikku* in Neo-Babylonian mathematics' in M. Ross (ed.) *Festschrift for Alice Slotsky on her 70th Birthday*

Robson, E. (2007) 'Secrets de famille: prêtre et astronome à Uruk à l'époque hellénistique' in C.M. Jacob (ed.) *Les lieux de savoir, I: Lieux et communautés*, Albin Michel

Robson, E. (2007) 'The politics of archaeology in the Middle East' in H. Schroeder (ed.) *Crossing Frontiers: Graduate Archaeology Oxford Summer Conference 2005*, Oxbow

Robson, E. and Ohgama, N. (2007) '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*, Griffith Institute

Reviews

Robson, E. Review of H. Hunger, A.J. Sachs and J.M. Steele, *Astronomical Diaries and Related Texts from Babylonia, V: Lunar and Planetary Texts*, in *Journal of the Royal Asiatic Society* 16 (2006)

Lectures and Conferences

October 2005

Robson, E. 'Clay mathematics: Euclid's Babylonian counterparts', Clay Mathematics Institute Symposium on Euclid's Elements, University of Oxford

November 2005

Robson, E. 'Language, geography, and society: new approaches to Old Babylonian mathematics', Shifting Approaches in the Historiography of the Exact Sciences, Carlsberg Academy, Copenhagen

March 2006

Robson, E. and Gage, J. 'Babylonian mathematics: video-conferences for primary schools', Millennium Mathematics Project, University of Cambridge

Robson, E. 'Sex, maths, and Sumerian literature', Faculty of Oriental Studies, University of Cambridge

May 2006

Robson, E., 'Babylonian mathematics: why should philosophers care?', CUSPOMMS, University of Cambridge

Robson, E. 'A short history of numbers in the Middle East', Department of Philosophy, University of Bristol

July 2006

Robson, E. (workshop organiser), 'Scribal culture, material culture: new directions in the study of Old Babylonian scribal education', 52^e Rencontre Assyriologique Internationale, University of Münster

September 2006

Robson, E. 'Ancient Sumerian literature: before and after ETCSL', Ancient Egyptian Literature: Theory and Practice, All Souls College, Oxford

Robson, E. 'Whose heritage? National and international interests in cultural property in post-war Iraq', Alberico Gentili, The Protection of Cultural Heritage in International Law, Centro Internazionale Studi Gentiliani, San Ginesio, Italy

Leon Rocha

Leon Rocha was the organiser of the History of Science Workshop, Easter Term 2006, and the founder of the Judith Butler Reading Group. He was co-founder and treasurer of the Inter-Disciplinary China Studies Forum (IDCSF), and co-organiser of the 'China in Cambridge' and 'China in the UK' workshops, held at CRASSH in March and June 2006 respectively. He was also a visiting PhD student at the Needham Research Institute, and was a visitor at the Institut für Sinologie of Universität Heidelberg from June to September 2006, where he was supervised by Professor Barbara Mittler.

Lectures and Conferences

December 2005

Rocha, L.A. 'Anatropism and Chinese Studies', Inter-Disciplinary China Studies Forum, University of Cambridge

Rocha, L.A. 'Zhang Jingsheng (1888-1970): love, sex, aesthetics, eugenics, utopia', East Asian History Seminar, University of Cambridge

January 2006

Rocha, L.A. 'Zhang Jingsheng's *Sex Histories* (1926), or, On how not to write a book on sex', History of Science Workshop, Department of History and Philosophy of Science, University of Cambridge

March 2006

Rocha, L.A. 'Sexual reform and nationalism in Republican China', Heredity, Degeneration, and Eugenics Workshop, University of Cambridge

May 2006

Rocha, L.A. 'Zhang Jingsheng's *Sex Histories* (Xingshi, 1926): preface and advertisement in *Capital Newspaper Supplement* (Jingbao fukan)', Text Reading Seminar, Needham Research Institute, Cambridge

July 2006

Rocha, L.A. 'Dr Sex: Zhang Jingsheng (1888-1970)', Institut für Sinologie, Universität Heidelberg

Rocha, L.A. 'Zhang Jingsheng's *Sex Histories* (1926)', Institut für Sinologie, Universität Heidelberg

Martin Rudwick

Publications

Books

Rudwick, M.J.S. (2005) *Bursting the Limits of Time: The Reconstruction of Geohistory in the Age of Revolution*, University of Chicago Press

Rudwick, M. (2005) *Geology and Genesis: A Historical Perspective on the Interaction of Two Historical Sciences* (7th Herbert H. Reynolds Lecture in the History and Philosophy of Science), Baylor University, Texas

Articles in journals

Rudwick, M.J.S. (2005) 'Picturing nature in the age of Enlightenment', *Proceedings of the American Philosophical Society* 149 (2005), 279-303

Lectures and Conferences

February 2006

Rudwick, M. 'Round-table discussion of *Bursting the Limits of Time*', Division of History and Philosophy of Science, University of Leeds

Rudwick, M. 'The real Jurassic Park: the first scenes from deep time', Cambridge Geology Club

March 2006

Rudwick, M. 'The life of a geologist at the time of Adam Sedgwick', Friends of Sedgwick Museum, Cambridge

Rudwick, M. 'The real Jurassic Park: the first scenes from deep time', Friends of Ludlow Museum

May 2006

Rudwick, M. 'The history of science, past and future', Departments of History and History of Science, University of Oklahoma

July 2006

Rudwick, M. 'Using visual imagery in the history of science', talk at exhibition on *Lines of Enquiry: Thinking through Drawing*, Kettle's Yard Gallery, Cambridge

August 2006

Rudwick, M. 'Buckland on Flood, Deluge and Ice Age', Symposium on William Buckland, University Museum of Natural History, Oxford

Colin A. Russell

Colin Russell is Emeritus Professor in the History of Science at the Open University. He is currently working on two books, one on chemistry and the railway industry, and the other on a theological response to the environmental crisis.

Publications

Books

Russell, C.A. and Roberts, G.K. (eds) (2005) *Chemical History: Reviews of the Recent Literature*, Royal Society of Chemistry, Cambridge

Articles in books

Russell, C.A. (2006) 'The Marreco story' in *Proceedings of 5th International Conference on the History of Chemistry, 'Chemistry, Technology and Society'* (Aveiro, Portugal, March 2006), 374-383

Articles in journals

Russell, C.A. 'The first President' (Thomas Graham), *Chemistry World* 2:9 (2005), 60-64

Russell, C.A. 'Avogadro: voice in the wilderness', *Chemistry World* 3:3 (2006), 56-59

Reviews

Russell C.A. Review of A. Fyfe, *Science and Salvation: Evangelical Popular Science Publishing in Victorian Britain*, in *Notes & Records of the Royal Society* 59 (2005), 209-210

In Press

Articles in books

Russell, C.A. Articles on Sir Robert Robinson, Lord Todd and Sir Edward Frankland for the *New Dictionary of Scientific Biography*

Articles in journals

Russell, C.A. 'Hydrotheology: towards a natural theology for water', *Science and Christian Belief*

Lectures and Conferences

October 2005

Russell, C.A. 'Climate change: a Christian response', Churches-Together, Bristol

January 2006

Russell, C.A. 'Faraday: science and theology', lunch-time lecture, Faraday Institute for Science and Theology, Cambridge

April 2006

Russell, C.A. 'Historical interactions between science and religion: some general themes', Faraday Institute for Science and Theology, Cambridge

Russell, C.A. 'Copernicus and the Bible', weekend conference on Science and Religion, Faraday Institute for Science and Theology, Cambridge

July 2006

Contributor to *The Prime of Marin Mersenne*, BBC Radio 4, 21 July 2006

Christine F. Salazar

My project 'Early Byzantine Medicine' – a sourcebook of selected Byzantine medical texts in translation, with commentary – has been accepted for a two-year grant (to start in January 2007) by the Oesterreichische Nationalbank Jubiläumsfonds.

Publications

Books

Salazar, C. (editor-in-chief) (2005) *Brill's New Pauly*, vol VII (K-Lyc), Brill, Leiden

Salazar, C. (editor-in-chief) (2006) *Brill's New Pauly*, vol VIII (Lyd-Mine), Brill, Leiden

In Press

Books

Salazar, C. (editor-in-chief) *Brill's New Pauly*, vol IX (Min-Obe), Brill, Leiden

Reviews

Salazar, C. Review of *Pedanius Dioscorides of Anazarbus, De materia medica*, translated by L.Y. Beck, in *Exemplaria Classica*

Lectures and Conferences

December 2005

Two seminars on Graeco-Roman medicine, Institut für Medizingeschichte, University of Vienna

Simon Schaffer

In Michaelmas Term 2005 Simon Schaffer held a research leave fellowship from the Arts and Humanities Research Council. In November 2005 he participated in public debate and a master-class in Amsterdam and in an award ceremony at the Noordeinde Palace, The Hague, as joint winner of the Erasmus Prize. In April 2006 he delivered the Rothschild Lecture at the Department of History of Science, Harvard.

Publications

Books

Schaffer, S. and Shapin, S. (2005) *Wetenschap is Cultuur*, Balans, Amsterdam

Shapin, S. and Schaffer, S. (2006) *El Leviathan y La Bomba de Vacío: Hobbes, Boyle y la Vida Experimental*, Quilmes, Buenos Aires

Articles in journals

Schaffer, S. 'L'inventaire de l'astronome: le commerce des instruments scientifiques au XVIIIe siècle (Angleterre – Chine – Pacifique)', *Annales: Histoire, Sciences Sociales* 60 (2005), 791-815

Schaffer, S. 'Die Reichweite experimenteller Wissenschaften: Modelle, Mikrogeschichten, Mikrokosmen', *Historische Anthropologie* 13 (2005), 343-366

Schaffer, S. 'Une science de l'éclat: les bulles de savon et l'art de faire de la physique à l'époque victorienne', *Terrain* 46 (2006), 15-32

Schaffer, S. 'Instruments as cargo in the China trade', *History of Science* 44 (2006), 217-246

In Press

Articles in journals

Schaffer, S. "'On seeing me write": inscription devices in the South Seas', *Representations* (2007)

Lectures and Conferences

October 2005

Schaffer, S. 'The astronomer as tattoo artist', Department of Rhetoric, UC Berkeley

March 2006

Schaffer, S. 'Physics, cinema and the late nineteenth century culture industry', Modern Cultural History Seminar, Caius College, Cambridge

Schaffer, S. 'Making discoveries in Kuhn', Conference on Kuhn and the Sociology of Scientific Knowledge, Department of History and Philosophy of Science, University of Cambridge

April 2006

Schaffer, S. 'Newton on the Beach', Rothschild Lecture, Department of History of Science, Harvard University

June 2006

Co-organiser, Workshop on Science and the Political, DG Science and Society, Brussels

September 2006

Schaffer, S. 'The astrological roots of mesmerism', Conference on Astrology and the Body 1100-1800, Department of History and Philosophy of Science, University of Cambridge

Anne Secord

Anne Secord is a visiting scholar at the Max Planck Institute for the History of Science, Berlin, from 1 September to 31 December 2006.

In Press

Articles in books

Secord, A. (2007) 'The knowledge of one becomes the knowledge of all: artisan participation in early nineteenth-century British botany' in F. Charvolin, A. Micoud and L. Nyhart (eds) *Sciences Citoyennes*, Editions de l'Aube

Secord, A. (2007) 'Nature's treasures: Dawson Turner's botanical collections', commissioned essay in N. Goodman (ed.) *Dawson Turner*, Phillimore Press

Lectures and Conferences

December 2005

Secord, A. "'Individuals possess such treasures": skill, desire, and the public good in the making of British natural history collections', Division of History and Philosophy of Science, University of Leeds

February 2006

Secord, A. 'Hotbeds and cool fruits: the unnatural cultivation of the eighteenth-century cucumber', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

March 2006

Secord, A. "'More of nature and less of Art": the role of place and system in artisan reactions to the Linnaean classification', conference on 'John Clare: Poet, Naturalist, Labourer, Lover, Lunatic', CRASSH, University of Cambridge

Jim Secord

Jim Secord is on leave until January 2007 with a Leverhulme Trust Major Research Fellowship, to write a book on science in the illustrated newspaper press during the nineteenth century. During the past year he was elected a fellow of the Royal Historical Society, and to membership in the American Antiquarian Society. He also joined the editorial boards of *Book History* and the *Journal of Historical Geography*. He appeared on several news and current affairs programmes on radio and television. On 1 August 2006 he was appointed Director of the Correspondence of Charles Darwin.

Publications

Reviews

Secord, J. 'The electronic harvest' (essay review of SciPer project), *British Journal for the History of Science* 38 (2005), 463-467

In Press

Articles in books

Secord, J. (2007) 'Scrapbook science: composite caricatures in late Georgian England' in B. Lightman and A. Shteir (eds) *Figuring it Out*, New England University Press, 164-191

Secord, J. (2007) 'From scientific conversation to shop talk' in A. Fyfe and B. Lightman (eds) *Science in the Marketplace*, University of Chicago Press

Lectures and Conferences

October 2005

Secord, J. 'From scientific conversation to shop talk', Cabinet of Natural History, Department of History and Philosophy of Science, University of Cambridge

November 2005

Secord, J. 'A planet in print: rethinking the discovery of Neptune', Faculty of Modern History, University of Oxford

February 2006

Secord, J. 'From scientific conversation to shop talk', Royal Historical Society, University College London

Secord, J. 'T.S. Kuhn on history of science', STS Workshop, Department of History and Philosophy of Science, University of Cambridge

June 2006

Secord, J. 'Science in the *Sun*, life on the Moon', British Society for the History of Science Annual General Meeting, Linnean Society London

Emma Spary

Publications

Books

Spary, E.C. (2005) *Le Jardin de l'Utopie: l'histoire naturelle en France entre Ancien Régime et Révolution*, Editions du Muséum National d'Histoire Naturelle, Paris (Revised translation of *Utopia's Garden: French Natural History from Old Regime to Revolution*, Chicago, 2000)

Articles in books

Spary, E.C. (2006) 'Pierre Pomet's Parisian Cabinet: revisiting the visible and the invisible in early modern collections' in M. Beretta (ed.) *From Collections to Museums*, Science History Publications, Canton, Mass., 59-80

Reviews

Spary, E.C. Review of L. Schiebinger, *Plants and Empire: Colonial Bioprospecting in the Atlantic World*, in *Social History* 31:2 (2006)

In Press

Articles in books

Spary, E.C. (2006) '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, Berlin

Lectures and Conferences

November 2005

Spary, E.C. 'Liqueurs, luxury and chemical legitimacy', Department of History, University of Warwick

January 2006

Spary, E.C. "'Making marble edible": food and its assimilation in 18th-century France', Conference 'Vital Matters 2: Life', Clark Library, UCLA

February 2006

Spary, E.C. 'The "Lemonade Muse": poetry, Enlightenment and controversy in the Paris café', Early Modern French Seminar, University of Cambridge

May 2006

Spary, E.C. 'Extraordinary eating and the ends of Enlightenment', Institute for Historical Research, University of London

June 2006

Session organiser, 'Exemplary eating: the "economic" lifestyle in Paris, 1760-1790', Society for the Social History of Medicine Annual Conference 2006: *Practices and Representations of Health: Historical Perspectives*, University of Warwick

August 2006

Joint organiser with Ursula Klein, 'Liqueurs and the luxury marketplace in eighteenth-century Paris', Workshop *The Making of Materials 1500-1800 (II)*

Mark Sprevak

Mark Sprevak completed his PhD thesis, *Computation in Mind and World*, and started a Junior Research Fellowship at King's College, Cambridge. During 2005-6 he was Director of Studies for Philosophy at Queens' College, Cambridge. He continues to organise the Philosophy Workshop at the HPS Department, and he is a panellist on www.askphilosophers.org.

Publications

Articles in books

Sprevak, M.D. (2005) 'The frame problem and the treatment of prediction' in L. Magnani and R. Dossena (eds) *Computing, Philosophy and Cognition*, King's College Publications, London, 349-359

Lectures and Conferences

November 2005

Sprevak, M.D. 'Realism about computation', Department of History and Philosophy of Science, University of Cambridge

July 2006

Sprevak, M.D. 'Realism about computation in cognitive science', British Society for Philosophy of Science, University of Southampton

Sprevak, M.D. 'How to be a realist about the computational theory of mind', Joint Session of the Mind Association and the Aristotelian Society, University of Southampton

August 2006

Sprevak, M.D. 'Realism about computation', European Society for Philosophy and Psychology, Queen's University of Belfast

Jackie Stedall

I have been awarded a Leverhulme Early Career Fellowship tenable for two years at the Mathematical Institute, Oxford, for research on 'The theory of equations in the eighteenth century'.

In Press

Articles in books

Stedall, J. (2007) 'François Viète' in T. Gowers and J. Barrow-Green (eds) *The Princeton Companion to Mathematics*, Princeton University Press

Lectures and Conferences

December 2005

Stedall J. 'Infinite series and calculus in seventeenth-century Europe', to the international workshop, 'Medieval Kerala mathematics: historical relevance and the possibility of its transmission to Europe', Trivandrum, Kerala

January 2006

Stedall J. 'Prime numbers', *In Our Time*, with Melvyn Bragg, Marcus du Sautoy and Robin Wilson, BBC Radio 4

February 2006

Stedall J. 'The reception of Newton's algebra', Mathematisches Forschungsinstitut, Oberwolfach, Germany

March 2006

Stedall J. 'Forgotten mathematicians: Thomas Harriot and John Pell', Department of History and Philosophy of Science, University of Cambridge

July 2006

Stedall J. 'Mathematics in Oxford', to the interdisciplinary conference, 'Royalist capital and commonwealth melting pot: Oxford in the 1640s and 1650s', St Anne's College, Oxford

Rebecca Stott

Professor Rebecca Stott continues to teach in the English Department of Anglia Ruskin University (Cambridge) where she supervises several MA and PhD research projects on literature and the history of science. She is a member of the editorial panel for the *Journal of Victorian Culture*. She was interviewed on *Woman's Hour* in June about her short biography on the collector the Duchess of Portland commissioned as an exhibition catalogue for an exhibition on the Duchess's life published in March. She completed the second year of a two-year BA research readership working on a book called *Speculators*, now contracted for Chicago University Press. Her first novel, a historical thriller based on the optics of Newton, is to be published by Weidenfeld and Nicholson in March 2007. A second novel is contracted, also drawing on the history of science.

Publications

Books

Stott, R. (2005) *The Duchess of Curiosities*, Pineapple Press

In Press

Books

Stott, R. *Speculators: Poets and Philosophers of Evolution* (Contracted for Chicago University Press)

Stott, R. *Ghostwalk* (A novel based on Newton's optics, to be published by Weidenfeld and Nicholson in March 2007 and in May by Random House in the States)

Stott, R. *The Coral Thief* (A novel based on pre-Darwinian transmutationist ideas, set in late eighteenth-century Paris. Contracted for Weidenfeld and Nicholson)

Lectures and Conferences

October 2005

Stott, R. 'That obscure object of desire', CRASSH conference on Conversation

February 2006

Stott, R. 'On curiosity', Inaugural Lecture, Anglia Ruskin University

Stott, R. 'Reconstructing Darwin', Annual Darwin Lecture, National Museum of Ireland, Dublin

March 2006

Stott, R. 'Transmutation in transit', keynote address at the inaugural conference of the British Association for Literature and Science

May 2006

Stott, R. 'Writing historical fiction', Queens' College, Cambridge

Stott, R. 'Darwin, a mind at work', Bristol Festival of Ideas

Liba Taub

Liba Taub is Director and Curator of the Whipple Museum, and Reader in HPS. She served as Program Chair (with John Krieger) for the annual meeting of the History of Science Society held in Minneapolis in November 2005. In December, she gave an invited lecture at the Belgian Academy of Sciences. Continuing her work on genres of Greek and Roman scientific writing, in April 2006 she organised (with Aude Doody, UC Dublin) an international conference on scientific writing in Greco-Roman antiquity held at Newnham College; in June she was honoured to be the first academic visitor to the new Karman Center for Advanced Studies at the University of Bern, where she gave three lecture-seminars. In May, she spoke to the Graduate Women's Network, at their invitation, on 'Facing Change'. She serves as an elected member of the University Council, and is also a member of the UK Spoliation Advisory Panel, as well as the Wissenschaftliche Beirat of the Deutsches Museum, and the Dibner Prize Committee of the Society for the History of Technology. She continues to serve as Director of Studies in HPS for Trinity Hall and Newnham College, where she is also an Assistant Tutor and Fellow. In July she passed the Guildhall Grade 4 exam (drum kit).

Publications

Books

Taub, L. and F. Willmoth, eds (2006) *The Whipple Museum of the History of Science: Instruments and Interpretations to Celebrate the 60th Anniversary of Robert Whipple's Gift to the University of Cambridge*, Cambridge University Press for the Whipple Museum (includes an Introduction by Taub and Willmoth)

Articles in books

Taub, L. (2006) 'Are orreries Newtonian? A consideration of the material, textual and pictorial evidence' in L. Taub and F. Willmoth (eds) *The Whipple Museum of the History of Science: Instruments and Interpretations to Celebrate the 60th Anniversary of Robert Whipple's Gift to the University of Cambridge*, Cambridge University Press for the Whipple Museum, 403-426

Taub, L. (2006) "'A valuable teaching instrument and a cultural accessory to modern research": The Whipple Museum of the History of Science' in A. Semedo and A. Coelho Ferreira da Silva (eds) *Coleções de Ciências Físicas e Tecnológicas em Museus Universitários: Homenagem a Fernando Bragança Gil*, Faculdade de Letras da Universidade do Porto – Secção de Museologia do Departamento de Ciências e Técnicas do Património, 204-219

Reviews

Taub, L. Review of A. Barker, *Scientific Method in Ptolemy's 'Harmonics'*, in *British Journal for the Philosophy of Science* 57 (2006), 267-271

Taub, L. 'Preserving nature? Ecology, tourism and other themes in the national parks' (essay review), *Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* 37 (2006), 602-611

In Press

Articles in books

Taub, L. (2007) 'Presenting a "Life" as a guide to living: ancient accounts of the life of Pythagoras' in T. Söderqvist (ed.) *The Poetics of Biography in Science, Technology and Medicine*, Ashgate

Taub, L. (2007) 'Meteorology' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2007) 'Winds' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2007) 'Harmony of the spheres' in A.T. Grafton, G.W. Most and S. Settis (eds) *The Classical Tradition*, Harvard University Press

Taub, L. (2008) "'Eratosthenes sends greetings to King Ptolemy": reading the contents of a "mathematical" letter' (to appear in a *Festschrift*, the details of which must remain secret for the time being)

Reviews

Taub, L. Review of A.C. Bowen and R.B. Todd, *Cleomedes' Lectures on Astronomy: A Translation of The Heavens with an Introduction and Commentary*, in *Phoenix* (Journal of the Classical Association of Canada) (2006)

Taub, L. Review of C. Huffman, *Archytas of Tarentum: Pythagorean, Philosopher and Mathematician King*, in *American Journal of Philology* (2007)

Lectures and Conferences

October 2005

Taub, L. 'Doxography: genre or method?', conference on Ancient Science, University College London

December 2005

Taub, L. 'Was there "scientific" biography in Ancient Greece? A consideration of the "Lives" of Pythagoras', research seminar, Centre for the History of Science, University of Gent

Taub, L. 'Why do we do history of science?', Belgian Academy of Sciences

March 2006

Taub, L. 'On (some of) the genres of ancient science', Downing College NatSci Student Society

April 2006

Taub, L. 'Dialogue, and the juxtaposition of science and myth', Workshop on Ancient Scientific Discourse, Newnham College

June 2006

Taub, L. 'Biography', 'Proposition and proof', 'Dialogue', three lecture-seminars presented at the Karman Institute for Advanced Studies in the Humanities, University of Bern (www.karmancenter.unibe.ch/karman-center/guests/taub)

Anke Timmermann

This year, Anke was 'German Therapy' tutor and editor of the latest Latin Therapy booklet, *The Body as Instrument*. She was further delighted to be shortlisted for the temporary lectureship in History of Medicine at the Department, and to test her teaching abilities on unsuspecting Part II students for Lauren Kassell's and Peter Jones's lectures.

Approaching the completion of her PhD thesis, she hopes to be part of the Department a little (preferably: a long) while longer.

Publications

Books

Timmermann, A., Jardine, N. and Banham, D. (eds) (2006) *The Body as Instrument* (HPS 'Latin Therapy' publication), Whipple Museum

Journals

Timmermann, A., Flannery, M., Walter, K. and Abreu-Scherer, I. (eds) (2006) *Marginalia* 3 (www.marginalia.co.uk/journal)

Articles in books

Timmermann, A. and Kaoukji, N. (2006) 'Robert Fludd's theory of man as a monochord' in *The Body as Instrument*, 27-37

Articles in journals

Timmermann, A. 'New perspectives on Gareth W. Dunleavy's article on "The Chaucer Ascription in TCD MS D.28"', *Ambix* 13 (1965)', *Ambix* 53 (2006), 161-165

Timmermann, A. (2006) "'Pictures passing before the mind's eye": the Tarot, the Order of the Golden Dawn, and William Butler Yeats's poetry', *Societas Magica Newsletter* 15 (2006)

Reviews

Timmermann, A. Review of B. Mahlmann-Bauer (ed.) *Scientiae et artes: Die Vermittlung alten und neuen Wissens in Literatur, Kunst und Musik*, in *Ambix* 52 (2005), 292-293

Timmermann, A. Review of G.S. Williams and C.D. Gunnoe Jr. (eds) *Paracelsian Moments: Science, Medicine & Astrology in Early Modern Europe*, in *Ambix* 52 (2005), 288-289

Timmermann, A. Review of J. Telle, *Buchsighete und Alchemie im XVI. und XVII. Jahrhundert: Studien zur frühneuzeitlichen Sinnbildkunst*, in *Ambix* 52 (2005), 290-291

Timmermann, A. Review of P. Binski and S. Panayotova (eds) *The Cambridge Illuminations: Ten Centuries of Book Production in the Medieval West*, in *Marginalia* 3 (2006)

In Press

Articles in books

Timmermann, A. (2006) 'A sixteenth-century manuscript and the hidden legacy of its readership: Trinity College Cambridge MS. R.14.56' in *Wissensaustausch in der Medizin des 15.-18. Jahrhunderts*, Series 'Wiener Gespräche zur Sozialgeschichte der Medizin', Vienna

Lectures and Conferences

October 2005

Timmermann, A. 'Alchemical poetry in the late middle ages', International Symposium on 'Craft treatises and handbooks: the dissemination of technical knowledge in the Middle Ages', Cordoba, Spain

December 2005

Timmermann, A. 'With rhyme and reason: the genre of alchemical poetry in the fifteenth to seventeenth centuries', EMPHASIS seminar, Birkbeck College/Warburg Institute, London

July 2006

Timmermann, A. 'Lives of alchemical poems: a new perspective on the Ripley Scrolls', Alchemy Conference, Chemical Heritage Foundation, Philadelphia

Laurence Totelin

Laurence Totelin completed her PhD (UCL) early in 2006 and joined the Department as a Wellcome Postdoctoral Fellow to work on 'Authorship and Authority in the Transmission of Medicinal Recipes from Hippocrates to Galen'.

Publications

Reviews

Totelin, L.M.V. Review of S. Amigues, *Théophraste. Recherches sur les Plantes. Tome V. Livre IX. Texte établi et traduit par S.A.*, in *Bryn Mawr Classical Review* (2006) (www.ccat.sas.upenn.edu/bmcr/2006/2006-07.24.html)

Lectures and Conferences

November 2005

Totelin, L. 'Sex and vegetables in the Hippocratic gynaecological treatises and the Attic comedies (fifth and fourth centuries BC)', Early Medicine Seminar, Department of History and Philosophy of Science, University of Cambridge

December 2005

Totelin, L. 'A copy of the Pseudo-Apuleius' *Herbarius* collection with a little extra: the textual and illustrative traditions of MS Trinity O.2.48', The Cambridge Illumination Conference, University of Cambridge

Totelin, L. 'Under the spell of the *pharmakon*: writing and reading medicinal recipes in fifth- and fourth-century Greece', The LOGOS seminar, School of Classics, University of St Andrews

April 2006

Totelin, L. 'A remedy fit for a king: recipes bearing royal names in Graeco-Roman medical literature', Workshop on Scientific Writing in Ancient Greece and Rome, University of Cambridge

June 2006

Totelin, L. 'Parfum égyptien, savoir grec: usages médicaux et cosmétiques du "parfum égyptien" en Grèce classique', Journées d'études *De materia et ingredientibus*, Groupement de recherche international 'Les mondes lettrés', Paris, France

Totelin, L. 'Shame and absence of shame: "real" and "metaphorical" sex in the Hippocratic gynaecological treatises', Craven seminar, Faculty of Classics, University of Cambridge

August 2006

Totelin, L. 'Between distancing and appropriation: "folk" remedies in Galen's pharmacological treatises', International Society for the History of Medicine Congress, Budapest, Hungary

Totelin, L. 'Galen's use of multiple manuscript copies in his pharmacological treatises', Approaches to Ancient Medicine, University of Reading

Karin Tybjerg

Karin Tybjerg has since February 2005 been Head of the Department of Astronomy, Kroppedal Museum, Copenhagen, which is the Danish Astronomical Museum. She is busy with plans for new museum buildings and the construction of an observatory and planetarium. She is Vice-President of the Danish History of Science Society.

Publications

Articles in books

Tybjerg, K. (2005) 'Hero of Alexandria's mechanical treatises: between theory and practice' in A. Schürmann (ed.) *Physik-Mechanik: Geschichte der Mathematik und der Naturwissenschaften in der Antike*, Franz Steiner Verlag, 204-226

Tybjerg, K. (2005) 'Greek science' in *New Dictionary of the History of Ideas*, Scribner and Sons

Articles in journals

Jardine, N. and Tybjerg, K. 'A lost legal instrument: the copy of Ursus' *De astronomicis hypothesibus* marked for use in his trial', *Studies in the History of Astronomy* 36 (2005), 97-106

Reviews

Tybjerg, K. 'The Point of Archimedes' review essay of R. Netz, *The Works of Archimedes. Translation and Commentary*, Vol. 1, and *The Transformation of Mathematics in the Early Mediterranean World*, in *Early Science and Medicine* 10 (2005), 566-577

In Press

Books

Tybjerg, K., Bell, A. and Swenson-Wright, J. (eds) *Evidence*, Cambridge University Press

Articles in books

Tybjerg, K., Bell, A. and Swenson-Wright, J. 'Introduction' in K. Tybjerg, A. Bell and J. Swenson-Wright (eds) *Evidence*, Cambridge University Press

Tybjerg, K. 'Aineias Tacticus', 'Apollodoros of Damaskos', 'Athenaios Mechanicus', 'Biton', 'Heron of Alexandria', 'Ktesibios' and 'Philon of Byzantium' in P. Keyser and G.L. Irby-Massie (eds) *Biographical Encyclopedia of Ancient Scientists*, Routledge

Lectures and Conferences

November 2005

Tybjerg, K. 'Rivalry and relations: the changing historiographies of Greek mathematics and technology', *Shifting Approaches in the History of the Exact Sciences*, Roskilde University

John van Wyhe

I am the Director of 'The complete work of Charles Darwin Online' at Cambridge and Director of the online Wheeler Library of the British Society for the History of Science and Editor of its Monograph Series as well as an ordinary member of Council. I was elected in 2005 to a Bye-Fellowship at Christ's College and to the editorial board for *Centaurus*. In 2005 I was a Visiting Associate Professor in the History of Ideas Department at Aarhus University, Denmark. I am currently writing a book on Darwin and evolution for a popular audience as well as researching the life and historiography of Charles Darwin.

Publications

Articles in journals

van Wyhe, J. 'The history of science is dead. Long live the history of science!', *Viewpoint: Newsletter of the British Society for the History of Science* 80 (2006)

van Wyhe, J. 'The complete work of Charles Darwin Online', *Notes and Records of the Royal Society* 60 (2006) 87-89

van Wyhe, J. 'The descent of words: evolutionary thinking 1780-1880', *Endeavour* 29 (2005) 94-100

Reviews

van Wyhe, J. Review of M. Hagner, *Genial Gehirne*, in *Isis* 97:1 (2006)

van Wyhe, J. Review of M. Kohn, *A Reason for Everything: Natural Selection and the English Imagination*, in *Human Nature Review* 5 (2005) 1-4

In Press

Articles in books

van Wyhe, J. 'The diffusion of phrenology via public lectures' in B. Lightman and A. Fyfe (eds) *Popular Science: 19th-Century Sites and Experiences*

van Wyhe, J. 'Historicizing contextualism' in P. Kjærgaard (ed.) *New Perspectives in the History of Ideas: Science, Philosophy and Political Theory*

Reviews

van Wyhe, J. Review of P. Chambers, *Bones of Contention: The Fossil That Shook Science*, in *Viewpoint: Newsletter of the British Society for the History of Science*

Lectures and Conferences

October 2005

van Wyhe, J. 'Darwin and evolution', public lecture, Natural History Museum, Aarhus, Denmark

van Wyhe, J. 'Darwinising the history of ideas', public lecture, Society for the History of Ideas, Aarhus University, Denmark

van Wyhe, J. 'Darwin's finches', History of Science Department, Aarhus University, Denmark

November 2005

van Wyhe, J. 'Where do Darwin's finches come from?', Centre for Research in the Arts, Social Sciences and Humanities, University of Cambridge

van Wyhe, J. 'Preparing research grant applications', Joint Schools' Postgraduate Courses in Research Methods in the Social Sciences

van Wyhe, J. 'Mind the gap: Darwin's delay', Centre for Research in the Arts, Social Sciences and Humanities, University of Cambridge

February 2006

van Wyhe, J. 'Where do Darwin's finches come from?', Darwin Day, Birmingham

April 2006

van Wyhe, J. 'Darwin's finches', Icons of the Galapagos, British Library

July 2006

van Wyhe, J. 'Mind the gap: did Darwin avoid publishing his theory?', BSHS Annual Conference, Canterbury

Paul White

Publications

Books

White, P. et al. (eds) (2005) *The Correspondence of Charles Darwin*, vol. 15, Cambridge University Press

In Press

Articles in books

White, P. 'Sympathy under the knife: experimentation and emotion in late-Victorian medicine' in F. Bound (ed.) *Emotions, Medicine, and Disease, 1700-1950*, Palgrave Macmillan

White, P. 'Acquired character: the hereditary material of the self-made man' in H.-J. Rheinberger and S. Müller-Wille (eds) *Heredity Produced: At the Crossroad of Biology, Politics and Culture, 1500-1870*, MIT Press

White, P. 'Correspondence as a medium of reception' in E.-M. Engles and T. Glick (eds) *The Reception of Charles Darwin in Europe*, Continuum

Lectures and Conferences

December 2005

White, P. 'Lives and letters: correspondence and public character in the nineteenth century', New Perspectives in British Cultural History, Selwyn College, Cambridge

White, P. 'Correspondence as a medium of reception', Centre for Ethics in the Sciences and Humanities, University of Tübingen

February 2006

White, P. 'Animal experimentation and the emotional history of science', History Department, UCLA

May 2006

White, P. 'Darwin's animals', Cambridge Veterinary School

June 2006

White, P. 'Experimenting with emotions: scientific medicine and the healing art', Society for the Social History of Medicine Annual Conference, University of Warwick

Sarah Wilmot

Alongside other projects for disseminating my research on the early history of artificial insemination I have been engaged in editing a special issue of *Studies in the History and Philosophy of Biology and Biomedical Sciences* titled 'Between the farm and the clinic: agriculture and reproductive technology in the twentieth century'. This issue will bring together contributors from Britain, USA, Germany and France and will include my own paper titled 'From "public service" to artificial insemination: animal breeding science in early twentieth century Britain'.

Lectures and Conferences

October 2005

Wilmot, S. 'Artificial insemination', Free School Lane Workshop on Reproduction, Department of History and Philosophy of Science, Department of Social Anthropology, and Centre for Family Research, Faculty of Social and Political Sciences, University of Cambridge

E.G. Zahar

Publications

Articles in books

Zahar, E.G. (2005) 'Science and metaphysics' in G. Avani and S. Etemad (eds) *Metaphysics and Science, Essays in Memory of Youssef Aliabadi*, Iranian Institute of Philosophy, Tehran, 10-32

Seminar Programmes

Michaelmas Term 2005

Departmental Seminars

Seminars meet on Thursdays at 4.30pm in Seminar Room 2, Department of History and Philosophy of Science, Free School Lane, Cambridge. There is tea beforehand in Seminar Room 1 at 4.15pm. Organised by Stephen John.

20 October **Sheila Jasanoff (Harvard University)**
Ontological surgery and the comparative politics of biotechnology

In speaking of the politics of knowledge societies, we have to take on board the political place of knowledge. Put differently, we have to re-theorize the role of knowledge in politics. I argue in this talk that politics must be seen as a metaphysical instrument: it helps to produce the ontologies that underpin the law, condition social behaviour, and sort new entities (and sometimes old ones) into manageable categories. In short, politics as much as science performs the ontological surgery that reveals where nature's 'joints' are located, at least for purposes of political action. There is, however, no singular path in the project of ontological clarification as carried out in contemporary democracies. Using examples from Germany, the UK and the US, I show how differences of both is and ought arise and persist even among similarly knowledgeable, modern, rational, democratic societies. Cross-national comparison, I suggest, sheds light on the divergent systems of authorization through which modern polities place one set of beliefs above another, creating disparate orderings of knowledge and power.

27 October **Bertrand Taithe (University of Manchester)**
Ethics and heroics: can we write a history of French humanitarian medicine?

This paper considers the conflictual representations of medical humanitarianism since the late nineteenth century and focuses on the ethical issues arising from the history of humanitarian medicine. It looks in particular at the history of Médecins sans Frontières and at the internal debates that have shaped this particular NGO. It is a paper based on work in progress.

3 November **Barry Barnes (University of Exeter)**
Are there really genes? Please yourselves!

The difficulties encountered in attempting to identify genes with specific lengths of genomic DNA, particularly in the case of complexly organised eukaryotic genomes like the human genome, are becoming increasingly well known. Whilst some of those faced with the consequent problems are willing to put a great amount of work and effort into 'solving' them, there are also suggestions that the problems are intractable. Some of the problems derive from the desire to retain the notion of a particulate gene as a unitary object even whilst agreeing that the object must be constituted of DNA. Other problems arise from the fact that genes have been regarded as particles defined by their functions. It is also clear that views on how to solve the problem vary according to what the specialists involved are doing, whether as researchers or as knowledge transmitters, that the division of technical labour is salient to an understanding of a distributed semantics of 'gene', and that different solutions to the problem of what the notion 'really means' are likely to possess different amounts of ontological authority. Whether anything more than this needs to be said on the issue of whether there 'really are' genes is moot.

10 November **Miguel A. Granada (University of Barcelona)**
The dissolution of the solid celestial spheres and Tycho Brahe's questionable indebtedness to Christoph Rothmann

Scholarship in the last twenty years has debated the question of priority in the dissolution of the solid celestial spheres, challenging traditional accounts that attribute precedence to Tycho Brahe. Notably, Christoph Rothmann, who independently came to the same conclusion as Tycho, has emerged as a very probable influence, beginning in 1586. We will present Rothmann's largely unacknowledged indebtedness to a previous author, Jean Pena, whose notion of a fluid heaven filled with air could also have been known to Tycho via Johannes Praetorius. Chiefly, however, we will concern ourselves with the analysis of select texts of Tycho from the 1570s and 1580s in order to evaluate the possibility that he arrived at the elimination of the solid spheres before ever becoming aware of Rothmann's independent conception in 1586.

17 November **David Papineau (King's College London)**
Troubles with zombies

Suppose God is creating the universe, and has put all the physical stuff in place. Is His work done, or does He still need to add the feelings? Materialists will say he is finished, since feelings are nothing but physical states – not even God can make a zombie. Still, aren't zombies at least conceivable? Contemporary materialists allow the conceivability of zombies, but deny their possibility – we may imagine feelings as separate from brain states, but in reality they are one and the same.

One influential school of dualists (Chalmers, Jackson) argues that the conceivability of zombies entails real mind-brain difference – our concepts of conscious states cannot fail to reveal their true nature. Materialists deny this kind of epistemological transparency. This recent debate has distracted attention from Kripke's original argument against materialism, which hinges on the apparent contingency (actual truth plus possible falsity) of mind-brain identities, not just their possible falsity alone. Kripke forces materialists to say that mind-brain identities seem actually false, and leaves them with the problem of squaring this with their truth.

24 November **Mark Sprevak (HPS, Cambridge)**
Realism about computation

If one is a realist about Xs, then one supposes that Xs exist independently of us and our beliefs about them. Can one be a realist about computation? If there were no human beings or interpreting agents, would there still be computations? In this paper, I present some arguments for and against realism about computation. The main battleground for a realist/anti-realist dispute about computation is the computational theory of the mind. I show how issues concerning realism connect to the computational theory of mind. I consider a number of difficulties and argue for a particular way in which the realist/anti-realist dispute about computation should be phrased in this context.

1 December **The First Cambridge Wellcome Lecture in the History of Medicine**
Helen King (University of Reading)
Women's bodies in sixteenth-century medicine: using the classical tradition

Before the discovery of the ovum, how was women's contribution to generation envisaged? While women could be seen as merely containers for male seed, other Western traditions gave menstrual blood a key role, making menstruation not evidence of failure to generate, but an essential element of generation. This talk will examine the uses made of the Hippocratic and Galenic texts on gynaecology and reproduction in the sixteenth century. It will focus on the work of the Galenist Sylvius (Jacques DuBois) on generation and menstruation (1555); Sylvius taught at Paris, and was physician to Henri II, and to the royal children. In the French translation (1559), made by Guillaume Chrestien, physician in ordinary to the Duke of Bouillon, and subsequently to François I and to Henri II, the section on generation is dedicated to the future François II on his marriage, and that on menstruation to Diane de Poitiers. Chrestien's preface is also very Galenic in content, despite his reference to 'Father Hippocrates, author of all those good things which we have in the art of medicine', and gives us a valuable insight into the gendering of both medical knowledge and medical care. I will argue that recent work claiming to identify change in seventeenth- and eighteenth-century notions of generation, and to tie this to very specific social and economic changes, overlooks the important and lasting contribution made by classical Greek and Roman texts.

Research Methods Seminars

Seminars on research methods and topics in history and philosophy of the sciences and medicine, for all new graduate students, are held in the first two weeks of term, on Thursdays at 4pm in Seminar Room 2. Tea is available from 3.45pm in Seminar Room 1. All welcome. Each seminar will consist of short informal talks presenting research methodologies and areas, and introducing the Research Methods Guide on the HPS website at www.hps.cam.ac.uk/research. Organised by Marina Frasca-Spada and Nick Jardine.

6 October Chaired by Nick Jardine
Peter Lipton, Writing philosophy; **Lauren Kassell**, Writing history; **Nick Jardine and others**, Reading groups and seminars as resources; **Liba Taub**, Resources of the Whipple Museum; **Shelley Innes, Alison Pearn and Paul White**, The Cambridge University Library Darwin archives as a resource; **Tim Eggington**, Resources of the Whipple Library; **Soraya de Chadarevian**, Interviews

13 October Chaired by Eleanor Robson
Eleanor Robson, History of science in strange languages; **Andrew Cunningham**, Writing discipline history in the history of medicine; **Matteo Mameli**, Philosophy of biology; **Christina McLeish**, Problems of scientific realism; **Helen Macdonald**, Environmental history; **Patricia Fara**, Scientific images; **Stephen John**, The risks of bioethics

History of Medicine

History of Medicine seminars are held on Tuesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome.

Early Medicine and Natural Philosophy

Organised by Lauren Kassell

- 18 October **David Wootton (University of York)**
Medical history in perspective: Leeuwenhoek to Lister
- 1 November **Laurence Totelin (Wellcome Centre for the History of Medicine, UCL)**
Sex and vegetables in the Hippocratic gynaecological treatises and attic comedies (fifth and fourth centuries BC)
- 15 November **Alisha Rankin (Trinity College, Cambridge)**
Knowing the handwork: women and medical experimentation at the courts of early modern Germany
- 29 November **Catherine Rider (Christ's College, Cambridge)**
The doctor and the witches: Bartholomaeus Carrichter's *On the Curing of Magical Illnesses* (1551)

History of Modern Medicine and Biology

Organised by Tatjana Buklijas and Soraya de Chadarevian

- 11 October **Keith Wailoo (Rutgers University)**
How cancer crossed the colour line: race and disease in twentieth-century America
- 25 October **Michael Sappol (National Library of Medicine, Bethesda, MD)**
Anatomical storytelling and the performance of medical identity in nineteenth-century America; or, the case of Dr Charles Knowlton (1800-1850), an 'odd', body-snatching, 'atheistical' physician of antebellum New England
- 8 November **Ulf Schmidt and David Willcox (University of Kent)**
Cold War at Porton Down: informed consent in Britain's biological and chemical warfare experiments
- 22 November **Philipp Felsch (Internationales Forschungszentrum Kulturwissenschaften, Vienna)**
Cultures of speechlessness: scrambles amongst the Alps, 1800-1900

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

Seminars are held fortnightly on Wednesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome. Organised this year by Emese Lafferton, Andreas Mayer and Deborah Thom.

- 19 October **Stephanie Dupouy (ENS, Paris)**
Magic lanterns of physiognomy: Rodolphe Töpffer and Duchenne de Boulogne on facial expression
- 2 November **Emese Lafferton (HPS, Cambridge)**
Hypnosis and the mental geography of science
- 16 November **Richard Noakes (HPS, Cambridge)**
Between the laboratory and the séance: territorial disputes in physics and psychical research in Britain, 1870-1920
- 30 November **Lydia Marinelli (S. Freud Foundation, Vienna) and Andreas Mayer (HPS, Cambridge)**
History of the couch

Criticism and Culture

Formerly titled Psychoanalysis and the Humanities, these seminars are held fortnightly on Wednesdays at 5pm in the Faculty of English, 9 West Road. All welcome. Organised by Mary Jacobus and David Hillman.

- 12 October **Neil Hertz (Johns Hopkins University)**
Rock-bottom rhetoric
- 26 October **Marina Warner (University of Essex)**
Phantasmagoria
- 9 November **Janet Sayers (University of Kent)**
Squiggling, art and psychoanalysis: Winnicott, Bion, Kristeva
- 23 November **Rachel Bowlby (University College London)**
The Cronus Complex: psychoanalytic myths of the future for boys and girls

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 Francis Reid.

- 10 October **Helen Macdonald (HPS, Cambridge)**
Military falcons
- 17 October No Cabinet because of Free School Lane Workshop on Reproduction
- 24 October **THE ANNUAL FUNGUS HUNT**
- 31 October **Sophie Forgan (University of Teesside)**
Splashing about in popularisation: Penguins, Pelicans and the common reader in mid-twentieth century Britain
- 7 November **Francis Lucian Reid (HPS, Cambridge)**
The Sumner cave controversy revisited: provincialism, class and the politics of colonial science
- 14 November **Jim Endersby (HPS, Cambridge)**
'The origin of species is an object of experimental investigation': de Vries, *Oenothera* and the fate of the mutation theory
- 21 November **Greg Radick (University of Leeds)**
Reading birdsong (with sidelong glances at radios, deafness and war)
- 28 November **Elizabeth J. Cole (Faculty of History, Cambridge)**
The Duchess of Beaufort's guava, 1692-1704

Epistemology Reading Group

We will be reading from Matthias Steup and Ernest Sosa (eds) *Contemporary Debates in Epistemology* (Blackwell, 2005). 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 pair of essays, 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.

- 6 October Fred Dreske and John Hawthorne: 'Is Knowledge Closed under Known Entailment?'
- 13 October Earl Conee and Stewart Cohen: 'Is Knowledge Contextual?'
- 20 October Jonathan Vogel and Richard Fumerton: 'Can Skepticism be Refuted?'
- 27 October Laurence Bonjour and Michael Devitt: 'Is There A Priori Knowledge?'
- 3 November Catherine Z. Elgin and James van Cleve: 'Can Beliefs be Justified through Coherence Alone?'
- 10 November John Greco and Richard Feldman: 'Is Justification Internal?'
- 17 November Jonathan Kvanvig and Marian David: 'Is Truth the Primary Epistemic Goal?'
- 24 November Richard Foley and Nicholas Wolterstorff: 'Is Justified Belief Responsible Belief?'

STS Workshop

Meetings are held on Thursdays, 12noon to 1.30pm in Seminar Room 1 (except the meeting on 3 November, which will be from 12.30pm to 2pm). All welcome. Organised by Jon Agar, Ipek Demir, Rob Doubleday and Martin Kusch.

- 13 October **Jeff Kochan (ETH Zurich)**
STS's Plato: rescuing the Gorgias from Latour
- 20 October **Andrew Barry (Goldsmiths College, London)**
'A scandal in Georgia': where to find out the facts about capitalism
- 27 October **Sheila Jasanoff (Harvard University)** will introduce a discussion on ch. 10, 'Census, Map, Museum', of B. Anderson, *Imagined Communities: Reflections on the Origin and Spread of Nationalism*, Verso 1991: 163-186 (a copy of the text will be on reserve in the Whipple Library)
- 3 November **Barry Barnes (University of Exeter)** will introduce a discussion on C.E. Rosenberg, 'Scientific Theories and Social Thought', in B. Barnes (ed.), *Sociology of Science*, Penguin Books 1972: 292-305 (a copy of the text will be on reserve in the Whipple Library)
- 10 November **Timo Airaksinen (University of Helsinki)**
Human-centred technology and its rivals
- 17 November **Rob Doubleday (Nanoscale Science Laboratory, Cambridge)**
A sociologist at large in the Nanoscale Science Laboratory
- 24 November **Michael Bravo (Scott Polar Research Institute, Cambridge)**
Where is upstream? Science and its publics for International Polar Year (2007-2008)

History of Science Workshop

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

- 12 October **Stefan Sperling:** A failed experiment: the ends of East German science and conscience
26 October **Liana Ashenden:** Daedalus and the 'To-day and To-morrow' series – scientific futures of the 1920s
9 November **Rachel Berger:** Ayurveda and the emergence of colonial modernity: indigeneity, medicine and the construction of medical authority in nineteenth-century North India
23 November **Melanie Keene:** Things that talk: the voices of Victorian objects

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.

- 19 October **Jeff Kochan:** Heidegger on tool-use, memory and history
2 November **Paul Dicken:** van Fraassen on observability
16 November **Allan McRobie:** Epistemology for engineers: from rational choice to evolutionary aesthetics (via irrationality)
30 November **Bill Grundy:** Language and the body in philosophical investigations

Modal Logic Reading Group

The Modal Logic Reading Group meets on Mondays at 3pm in the HPS Lodge. This term we will be reading the section on computability in the infamous Boolos, Burges and Jeffreys, *Computability and Logic* (Cambridge: CUP). For more information, please contact Paul Dicken.

Latin Therapy

The Latin Therapy Group meets on Fridays at 4pm in the HPS Lodge to practise the art of translation, improve our Latin grammar, and determine who deserves more sympathy on account of the difficulty of their sources – all in a mutually supportive environment! Well-known (usually classical) texts of relevance to the history of science are studied, as well as texts on which members of the group are working. Select meetings will be held in historic college libraries, beginning with Jesus' Old Library in October. The language tutor is Debby Banham. All are welcome to attend. For more information, and to be added to the mailing list, please contact Patrick Boner. Information is also available on the Latin Therapy website, www.hps.cam.ac.uk/latintherapy.

German Therapy

The German Therapy Group meets on Fridays from 1pm to 2.30pm in Seminar Room 1 starting on 14 October. Modelled on the successful departmental Latin Therapy group, we aim to acquire and practise skills in reading German for research purposes, and translate texts people have come across in their studies. We welcome beginners as well as those with some knowledge in German language; the level and pace of the class will be tailored to the participants. For more information, and to be added to the mailing list, please contact the tutor, Anke Timmermann. The set work this term will be taken from the Rogallas' *German for Academic Purposes*, copies of which may be viewed in the relevant box file in the Whipple Library.

Greek Therapy

The Greek Therapy Group meets on Fridays from 2.30 to 4pm, in the HPS Lodge. Laurence Totelin will be the language tutor. We will be working through *Greek for Beginners* by L.A. Wilding, and *A Primer of Greek Grammar* by Abbott & Mansfield (both published by Duckworth). Photocopies of the first two weeks' material will be placed in a folder behind the desk in the Whipple Library. For more information contact Nick Tosh.

Reading Kant

We meet on Tuesdays, 1.00-2.30pm in the HPS Lodge. This term we shall be discussing Kant's *Critique of Pure Reason*, in the Guyer and Wood translation (Cambridge University Press, 1998). Organised by Yoon Choi and Marina Frasca-Spada.

Science and Literature Reading Group

Held in association with the Department of English, Drama & Writing at APU, the Science and Literature Reading Group meets fortnightly on Wednesdays from 8-10pm in the upstairs seminar room at Darwin College. This term's rather eclectic texts come under the broad theme of 'literature and technology'. Photocopies of the extracts will be available from 1 October in the group box file in the Whipple Library; original texts can be found in Cambridge libraries. All are most welcome to come along and contribute to what is usually a lively and wide-ranging discussion. To introduce any session, join the e-mail list or for more information please contact Katy Price or Melanie Keene.

- 12 October John Wilkins, 'Digression on Noah's Ark' (pp. 162-168) from *An Essay Towards a Real Character and a Philosophical Language* (1668), and chapter XIV of his *Mathematical Magic* (1648)
- 26 October James Ferguson, 'A Short Account of the Life of the Author' (pp. i-xliii), and 'The Description of a new Machine, called the Mechanical Paradox' (pp. 44-71) from *Select Mechanical Exercises* (1773), available on Eighteenth Century Collections Online (ECCO)
- 9 November Charles Babbage, *Passages From the Life of a Philosopher* (1864), chapters V-VIII, and *Ninth Bridgewater Treatise* (1837), especially chapters II and XIII
- 23 November Ilya Ehrenburg (trans. Joachim Neugroschel), *The Life of the Automobile* (originally published 1929)

Wittgenstein Reading Group

Meetings take place fortnightly on Tuesdays 3.00-4.30pm in the HPS Lodge. This term we shall be reading secondary texts related to the *Philosophical Investigations*. Each meeting will focus on one or two essays with a member of the group offering a short introductory presentation. Copies of the readings will be made available in a reserve folder in the Whipple Library. For further information please contact Lorenzo Bernasconi or Bill Grundy. The provisional programme is as follows:

- 11 October **Early Responses:** Strawson, P.F. (1954) 'Review of Wittgenstein's *Philosophical Investigations*' in Pitcher, *Wittgenstein: The Philosophical Investigations*
Dummett (1959) 'Wittgenstein's Philosophy of Mathematics', in Pitcher, *Wittgenstein: The Philosophical Investigations*
- 25 October **Stanley Cavell:** Cavell, S. (1976) 'The availability of Wittgenstein's later philosophy', in Cavell, *Must we Mean What we Say?*
- 8 November **Cora Diamond:** Diamond, Cora (1995) 'Realism and the realistic spirit', Chapter 1 of *The Realistic Spirit*
- 22 November **WRG Fieldtrip!** Tour of the Cambridge Wittgenstein Archive (<http://www.wittgen-cam.ac.uk/>) by Michael Nedo (Director)
- 6 December **John McDowell:** McDowell, J. (1981) 'Non-cognitivism and rule-following', in Alice Crary and Rupert Read, eds., *The New Wittgenstein*, pp. 38-53
McDowell, J. (1984) 'Wittgenstein on Following a Rule', *Synthese* 58: 325-63
McDowell, J. (1992) 'Meaning and Intentionality in Wittgenstein's Later Philosophy' in Peter A. French, Theodore E. Uehling, Jr., and Howard K. Wettstein, eds., *The Wittgenstein Legacy*, pp. 40-52. *Midwest Studies in Philosophy* 17. Notre Dame, Ind: University of Notre Dame Press, 1992.

Lent Term 2006

Departmental Seminars

Seminars meet on Thursdays at 4.30pm in Seminar Room 2, Department of History and Philosophy of Science, Free School Lane, Cambridge. There is tea beforehand in Seminar Room 1 at 4.15pm. Organised by Stephen John.

19 January **Timo Airaksinen (University of Helsinki; Clare Hall, Cambridge)**
Berkeley's *Siris*: light, fire and spirit

Berkeley's *Siris* (1744) may be an unduly neglected treatise. It reveals and confirms its author's philosophical achievements. The greatest of them is his double aspect account of causality. *Siris* is based on the distinction between natural causes, which are mere regularities between phenomena, and agent causality, which is an efficient force. Berkeley tries to show that agents can influence the world by using aethereal corpuscles as their instruments. These particles are both material and in some sense immaterial or occult because they follow and do not follow the laws of nature. *Siris* is a rhetorical text which uses analogy, metaphor, paradox, and ambiguity to illuminate the reader. The point is that the universe is ambiguous with respect to its material and immaterial essence. The world is at the same time scientific and material and metaphysical and immaterial. Berkeley does not always keep those two aspects apart from each other as he tries to convince the reader that such an ambiguity is both unavoidable and basically incomprehensible. He fights a losing battle against scientific realism and materialism. This I take to be the key to the mystery of *Siris*.

26 January **Nigel Pleasants (University of Exeter)**
Wittgenstein, ethics and moral certainty

Wittgenstein's (later) philosophical reflections on language, meaning, sense and nonsense have been taken as a source from which to construct various pictures of our ethical and political situation. Notoriously, Wittgenstein's philosophy has long been thought by some of his critics and advocates to entail a moral and political conservatism that follows upon his supposed conceptual conservatism. But others have perceived in Wittgenstein's philosophy the conceptual resources for a critical social theory (Habermas, Giddens) and liberal political philosophy (Mouffe, Flathman). And yet others (Rossi-Landi, Rubinstein) have seen in Wittgenstein's philosophy a proto-Marxism. All of these readings share a view of Wittgenstein as a quasi social and political theorist. More recently, a view of the ethical implications of Wittgenstein's philosophy that is predicated on reading Wittgenstein in an anti-theoretical, 'therapeutic', manner, has begun to crystallise. This view – the intrinsically-ethical reading – derives from the prominent New Wittgenstein school of exegesis. Proponents of the intrinsically-ethical reading reject the traditional view of ethical and political action being confined to certain spheres of public and personal life, and depict human beings as inherently morally and politically responsible beings in virtue of their use of language.

I disagree with both 'traditional' and 'new' readings of the ethical import of Wittgenstein's philosophy, and will outline some of my objections to these kinds of reading. I aver that Wittgenstein's later philosophy is not in itself about, nor does it contain any particular implications for, ethics; however, I do think that it can be of great value in helping us think about ethical matters. I shall demonstrate one way in which this might be pursued. Drawing on the epistemic anthropology of *On Certainty*, I shall introduce and outline the significance of the phenomenon of 'moral certainty' in relation to philosophical puzzlement over the badness of death and wrongness of killing.

2 February **Vladimir Jankovic (University of Manchester)**
The indoors and the forging of climatological citizenship during the medical Enlightenment

The paper explains the late Enlightenment medical environmentalism as shaped by the concern over social and bodily exposures to external hazards. I show that this concern derives from a medical moralization of luxury and a consequent, literal and cultural, 'emplacements' of individuals within a putative polity defined by the medical and other impact of climate. I particularly stress the construction of pathogenic indoors and its relationship with the theory of physiological responses to the 'outside' that helped create a vocational niche for the practitioners versed in administering the airs, climates, and travel as means of cure.

The interest in indoor climates coincided with the associational culture of the new publics. While we know much about how boudoirs, coffeehouses, libraries, and lecturing theatres shaped the intellectual content of modernity, little attention has been given to the ways in which these spaces affected the *bodies* of the new publics. Habermasian public spaces and Foucauldian heterotopias could have been very smelly places. That this has been unnoticed by historians, who were bent on discovering environmental threat where they imagined it was most likely to emerge, is all the more puzzling given the contemporaries' interest in the truly breath-taking achievements of the Enlightenment. The eighteenth century commentators had plenty to say about claustrophobic dizziness, fainting, overheating, and sudden exposures to cold during the nights out. After the medical opinion claimed such conditions to be treatable, the questioning of the indoors began to claim urgency in the European social commentary, first with regard to overcrowding, and then as an epitome of the unhealthy living *per se*.

9 February **Ann Whittle (Faculty of Philosophy, Cambridge)**
Causal nominalism

The causal theory of properties is standardly combined with a realist's ontology of universals or tropes. In this paper, I consider an uncharted alternative – a nominalist causal theory of properties. I discuss advantages and disadvantages of the resulting theory of properties, and explore the Rylean understanding of causal powers that emerges.

16 February **Matthew Ratcliffe (Durham University)**
Commonsense psychology and interpersonal interaction

Recent philosophical work on interpersonal understanding emphasises an ability to attribute propositional attitudes, principally beliefs and desires, to other people. This ability is often referred to as a 'folk' or 'commonsense' psychology. I will begin this talk by addressing the question of what the terms 'folk' and 'commonsense' actually mean and will suggest that there are several different senses lurking in the recent literature. In one sense, 'belief-desire' psychology is a description of what everyday interpersonal understanding most centrally involves, a description which is not arrived at via empirical scientific studies but is, rather, presupposed by them. I go on to argue that this description is impoverished in several respects and that that it can be revised, elaborated and supplemented by drawing on insights from the phenomenological tradition. My primary focus will be on how accounts of belief-desire psychology fail to accommodate the extent to which interpersonal understanding is characterised by structures of interaction, rather than by detached scrutiny of one person by another.

23 February **Bruce Moran (University of Nevada)**
What's in a name? Paracelsians, Paracelsianism and the imagination

Today, outside the German-speaking world, we have studies focused upon English, French and Italian Paracelsians. Spanish Paracelsians have also been discovered. The sincerity of these studies cannot be questioned. But future scholarship needs now to be much more concerned with questions of authenticity. And in this regard we need to ask whether, or to what extent, thinking in terms of 'Paracelsian' and 'Paracelsianism' has actually committed us to a descriptive language that seems indispensable while leading us to believe in the solidity of an illusion. I want to suggest the need for a new kind of 'cultural clearing' in the forest of 'Paracelsian' studies so that we might at least entertain the possibility of different relationships in thinking about how to describe this part of early modern medicine and science.

2 March **Rachel Cooper (Lancaster University)**
On the pathological

I aim to provide an account of what makes a condition pathological, as opposed to, say, a moral failing or normal variation. This is a question of key importance because we treat those who suffer from disorders with special consideration – we may think they deserve treatment or disability payments, we may excuse wrong-doing on their part, and so on. I propose an account according to which by 'pathological condition' we mean a condition that it is a bad thing to have, that is such that we consider the afflicted person to be unlucky, and that can potentially be appropriately medically treated. All three criteria must be fulfilled for a condition to be pathological. The criterion that for a condition to be pathological it must be a bad thing is required to distinguish the biologically different from the disordered. The claim that the sufferer must be unlucky is needed to distinguish pathology from conditions that are unpleasant but normal, for example teething. Finally, the claim that for a condition to be pathological it must be potentially medically treatable is needed to distinguish disorders from other types of misfortune, for example economic problems and legal problems.

9 March **Jacqueline Stedall (The Queen's College, Oxford)**
Invisible mathematicians: Thomas Harriot and John Pell

Thomas Harriot (c.1560-1621) and John Pell (1611-1685) were both regarded by their friends and contemporaries as brilliant mathematicians, yet neither makes much of an appearance in most later histories of the subject. This is largely because Harriot never published, while Pell published only in curious and rather secretive ways. Both, however, left large quantities of manuscripts, which are only now receiving full attention. In this seminar I will offer a reassessment of their (interconnected) lives and work, leading in turn to some observations about new ways of approaching the history of mathematics.

From Generation to Reproduction

This seminar, which is funded by our Wellcome Trust enhancement award in the history of medicine, will be a forum for discussion of how, since 1500, our world of reproductive practices and controversy was created. We meet on Tuesdays from 5pm to 6.30pm in Seminar Room 2. Tea is available from 4.40 in Seminar Room 1. All welcome! Organised by Lauren Kassell.

- 24 January **Gayle Davis (University of Glasgow)**
Stillbirth registration and conceptions of the deadborn, c.1900-1950
- 31 January **Wendy Churchill (Wellcome Centre, UCL)**
Sex, age and the female reproductive body in early modern British medicine
- 7 February **Charlotte Augst (Human Fertilisation and Embryology Authority)**
Is law important? Making sense of reproductive technologies in Germany and Britain – a discourse analysis
- 14 February **Bernardino Fantini (University of Geneva)**
The germ is the life and the life is the germ: Louis Pasteur's explanation of infectious diseases and his biological philosophy

History of Medicine

History of Medicine seminars are held on Tuesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome.

Early Medicine and Natural Philosophy

Organised by Lauren Kassell

- 28 February **Sandra Cavallo (Royal Holloway, University of London)**
What were surgical tracts about? The writings of an ordinary Italian surgeon in the early eighteenth century

History of Modern Medicine and Biology

Organised by Tatjana Buklijas and Soraya de Chadarevian

- 21 February **Bernd Gausemeier (Max Planck Institute for the History of Science, Berlin)**
Genealogy and human heredity around 1900
- 7 March **Emese Lafferton (HPS, Cambridge)**
Inventing the 'Magyar': ethnography, physical anthropology and eugenics in Hungary around 1900

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences

Seminars are held fortnightly on Wednesdays at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome.

Organised this year by Emese Lafferton, Andreas Mayer and Deborah Thom.

- 1 February **Alexander Etkind (Department of Slavonic Studies, Cambridge)**
Psychoanalysis in dark times: Leon Trotsky and his daughter
- 15 February **Aude Fauvel (EHESS, Paris)**
'In the world of the mad': patients' testimonies and the rise of anti-psychiatry in 19th-century France
- 1 March **Daniel Beer (Royal Holloway, University of London)**
'Microbes of the mind': moral contagion in late Imperial Russia
- 15 March **Patricia Soley Beltran (University Ramon Llull, Barcelona)**
Sex, subjectivity and agency: lessons from the sociology of transsexualism

Reading Kant

We meet on Tuesdays, 1.00-2.30pm in the HPS Lodge, starting on 17 January. We will continue to read the *Critique of Pure Reason*. For the first meeting Angela Chew will introduce the Transcendental Deduction, version B, section 2, §§15-20, B129-B143 (pp. 245-252 in the Guyer-Wood edition, and pp. 151-160 in the N.K. Smith edition). Organised by Yoon Choi, Alix Cohen and Marina Frasca-Spada.

Criticism and Culture

Seminars are held fortnightly on Wednesdays at 5pm in the Faculty of English, 9 West Road. All welcome. Organised by Mary Jacobus and David Hillman.

- 25 January **Margot Waddell (Tavistock Clinic; British Psycho-Analytic Society)**
Narcissism: an adolescent disorder?
- 8 February **Irit Rogoff (Goldsmiths College, London)**
What is a theorist?
- 22 February **Cora Kaplan (Queen Mary, London)**
Bibliophilia
- 8 March **Sarah Wilson (Courtauld Institute, London)**
The visual world of French theory

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 Francis Reid.

- 23 January **Ernst Hamm (York University, Canada)**
Erudition and geology: the Temple of Serapis revisited
- 30 January **Sophie Forgan (University of Teesside; Captain Cook Memorial Museum)**
Splashing about in popularisation: Penguins, Pelicans and the common reader in mid-20th century Britain
- 6 February **Natalie Kaoukji (HPS, Cambridge)**
A natural history of machines: John Wilkins' mathematical magic
- 13 February **Margaret Olszewski (HPS, Cambridge)**
Romantic science and a passion for botanical design: the life and garden of Izabela Czartoryska
- 20 February **Carla Nappi (Princeton University; Needham Research Institute, Cambridge)**
Eating the two-legged sheep: man, nature and analogy in early modern Chinese natural history
- 27 February **Anne Secord (HPS, Cambridge)**
Hotbeds and cool fruits: the unnatural cultivation of the 18th-century cucumber
- 6 March **David Kohn (Drew University, Madison)**
Fabricating the *Origin*
- 13 March **David Allan Feller (HPS, Cambridge)**
Darwin and dogs

Epistemology Reading Group

We will be reading from Tamar Szabó Gendler & John Hawthorne (eds) *Conceivability and Possibility* (paperback, OUP, 2002). Two copies are on reserve in the Whipple Library. Each meeting of the group will focus on an article, with a member of the group offering a preliminary evaluation, followed by a general discussion. Meetings will take place on Thursdays at 2pm in Seminar Room 1 and are open to all. Organised by Peter Lipton.

- 19 January John Campbell, 'Berkeley's Puzzle'
- 26 January David Chalmers, 'Does Conceivability Entail Possibility?', secs 1-6
- 2 February David Chalmers, 'Does Conceivability Entail Possibility?', secs 7-12
- 9 February Michael Della Rocca, 'Essentialism versus Essentialism'
- 16 February Gideon Rosen, 'A Study in Modal Deviance'
- 23 February Alan Sidelle, 'On the Metaphysical Contingency of Laws of Nature'
- 2 March Stephen Yablo, 'Coulda, Woulda, Shoulda', secs 1-13
- 9 March Stephen Yablo, 'Coulda, Woulda, Shoulda', secs 14-24

Judith Butler Reading Group

The Judith Butler Reading Group meets on Fridays from 11.30am-1pm in the HPS Lodge, starting from 27 January. This term we will be reading Butler's *Gender Trouble: Feminism and the Subversion of Identity* 10th Anniversary Edition. London: Routledge, 1999. (Whipple Library Z.1450 A,B). For more information, please contact Leon Rocha.

STS Workshop

Meetings are held on Thursdays, 12noon to 1.30pm in Seminar Room 1. All welcome. Organised by Jon Agar, Ipek Demir, Rob Doubleday and Martin Kusch. The meetings in Lent Term 2006 have the common theme of 'Kuhn and the Sociology of Scientific Knowledge'. (A conference with this title will take place in HPS at the end of Lent Term.) Copies of all the texts will be on reserve in the Whipple Library.

- 19 January **Peter Lipton** will introduce and lead a discussion of T.S. Kuhn, 'Dubbing and Redubbing: The Vulnerability of Rigid Designation', in C. Wade Savage (ed.), *Scientific Theories* (Minn. Studies in the Philosophy of Science XIV), University of Minn., 1990, 298-318; and S.B. Barnes, 'On the Extensions of Concepts and the Growth of Knowledge', *Sociological Review* 30, 1, 1982, 23-44
- 2 February **Jim Secord** will introduce and lead a discussion of T.S. Kuhn, 'The Relations between History and the History of Science' and 'Mathematical vs. Experimental Traditions in the History of Physical Science', in Kuhn, *The Essential Tension*, Chicago, 1977, 31-65 & 127-161
- 16 February **Martin Kusch** will introduce and lead a discussion of S.B. Barnes, 'Thomas Kuhn and the Problem of Social Order in Science', in T. Nickles (ed.), *Thomas Kuhn*, CUP, 2003, 122-141; and S. Fuller, 'Being There with Thomas Kuhn', *History and Theory* 31, 1992, 241-75
- 2 March **Simon Schaffer** will introduce and lead a discussion of T.S. Kuhn, 'Historical Structure of Scientific Discovery', in Kuhn, *The Essential Tension*, Chicago, 1977, 165-177. The paper is available online at <http://www.augustana.edu/users/Psmccallum/Readings%202005/kuhn.pdf>
- 9 March **John Forrester** will introduce and lead a discussion of his paper 'Kuhn and Psychoanalysis'

History of Science Workshop

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

- 25 January **Leon Rocha (HPS, Cambridge)**
Zhang Jingsheng's *Sex Histories* (1926), or, on how not to write a book on sex
- 8 February **Stefan Pohl (Universidad Autónoma de Barcelona)**
The natural energy: a new, total and national science. Thermodynamics, evolution and the construction of a native Spanish scientific culture in the late nineteenth century
- 22 February **Sophia Davis (HPS, Cambridge)**
Making the atomic bomb sublime
- 8 March **Fang Xiaoping (Needham Research Institute, Cambridge)**
The advent of barefoot doctors under medical system reorganization: doctor-villager relations in Chinese villages during the Cultural Revolution

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.

- 1 February **Mary Leng (St John's College, Cambridge)**
Realism about theories and realism about entities
- 15 February **Steve John (HPS, Cambridge)**
Trust, placebo effects and knowledge
- 1 March **Nick Tosh (HPS, Cambridge)**
Bernard Williams and vindicatory history
- 15 March **David Liggins (Faculty of Philosophy, Cambridge)**
From a metaontological point of view

Science and Literature Reading Group

This term we are reading texts on the theme of psychology. We meet fortnightly on Mondays at 7.30pm in the upstairs seminar room at Darwin College – please note the change of day and time. For further information please contact Katy Price or Melanie Keene. Everybody is welcome.

- 23 January John Haslam, *Illustrations of madness* (1810) Text available online:
<http://www.collphyphil.org/HMDLSubweb/Pages/H/HaslamJ/illmadPgAccess.htm>
- 6 February Freud, 'The Uncanny' (1919) and E.T.A. Hoffman, 'The Sand Man' (1817)
Texts available online: <http://www-rohan.sdsu.edu/~amtower/uncanny.html>
<http://gaslight.mtroyal.ca/sandman.htm>
- 20 February A.R. Luria, *The mind of a mnemonist: a little book about a vast memory* (English translation first published 1968). Cambridge, MA: Harvard University Press, 1987 (ISBN 0674576225)
- 6 March Nicholas Wright, *Mrs Klein* (1988). London: Nick Hern Books, 1995 (ISBN 1854592327)

Wittgenstein Reading Group

Meetings take place fortnightly on Tuesdays, 3.00-4.30pm in the HPS Lodge. Copies of the readings will be made available in a reserve folder in the Whipple Library. For further information please contact Lorenzo Bernasconi or Bill Grundy.

- 24 January **Wittgenstein and Politics:** Cray, Alice, 'Wittgenstein's philosophy in relation to political thought' in Cray and Read (eds)(2000) *The New Wittgenstein*. London: Routledge. pp.118-145.
- 7 February **Wittgenstein and Literature:** Huemer, Wolfgang, 'Wittgenstein, language and philosophy of literature' in Gibson and Huemer (eds) (2004) *The Literary Wittgenstein*. London: Routledge. pp.1-13.
- 21 February **Wittgenstein and the Sociology of Science:** Lynch, Michael, 'Extending Wittgenstein: The Pivotal Move from Epistemology to the Sociology of Science' (pp.215-265); Bloor, David, 'Left and Right Wittgensteinians' (pp.266-282); and Lynch, Michael, 'From the "Will to Theory" to the Discursive Collage: A Reply to Bloor's "Left and Right Wittgensteinians"' (pp.283-300) in Pickering, Andrew (ed) (1992) *Science as Practice and Culture*. Chicago: University of Chicago Press.
- 7 March **Wittgenstein and Ethics:** Tilghman, Ben, 'Morality, Human Understanding, and the Limits of Language' in McCarthy and Stidd (eds) (2001) *Wittgenstein in America*. Oxford: Clarendon Press. pp.237-249.

Scepticism Reading Group

Meetings take place fortnightly on Tuesdays 3.00-4.30pm in the HPS Lodge. The topic in Lent Term is Robert Nozick's 'modal epistemology'. The first three meetings will focus on one chapter each of Nozick's *Knowledge and Skepticism* (in his *Philosophical Explanations*, Clarendon, Oxford, 1981, 167-288). The last meeting will focus on critical responses to Nozick's epistemology. Nozick's book will be on reserve in the Whipple Library. *This reading group is open only to current PhD and MPhil students in HPS*. For further information contact Martin Kusch.

- 31 January 'Knowledge' (Nozick 1981: 167-196)
- 14 February 'Scepticism' (Nozick 1981: 197-247)
- 28 February 'Evidence' (Nozick 1981: 248-288)
- 14 March BonJour, L. (1987), 'Nozick, Externalism, and Skepticism', in S. Luper-Foy (ed.), *The Possibility of Knowledge: Nozick and His Critics*, Rowman & Littlefield, Totawa, 297-313.
Brueckner, A. (1991), 'Unfair to Nozick', *Analysis* 51: 61-4.
Craig, E. (1989), 'Nozick and the Sceptic: The Thumbnail Version', *Analysis* 49: 161-2.
Williams, M. (2002), 'Nozick on Knowledge and Skepticism', in D. Schmitz (ed.), *Robert Nozick*, Cambridge UP, 131-153.

Latin Therapy

The Latin Therapy Group meets on Fridays at 4pm in the HPS Lodge to practise the art of translation, improve our Latin grammar, and determine who deserves more sympathy on account of the difficulty of their sources – all in a mutually supportive environment! Well-known (usually classical) texts of relevance to the history of science are studied, as well as texts on which members of the group are working. Select meetings will be held in historic college libraries, with a session to be scheduled at Gonville and Caius during Lent Term. The language tutor is Debby Banham. All are welcome to attend. For more information, and to be added to the mailing list, please contact Patrick Boner. Information is also available on the Latin Therapy website, www.hps.cam.ac.uk/latintherapy.

German Therapy

The German Therapy Group meets on Fridays from 1pm to 2.30pm in Seminar Room 1 starting on 20 January. Modelled on the successful departmental Latin Therapy group, we aim to acquire and practise skills in reading German for research purposes, and translate texts people have come across in their studies. We welcome beginners as well as those with some knowledge in German language; the level and pace of the class will be tailored to the participants. For more information, and to be added to the mailing list, please contact the tutor, Angela Breitenbach. The set work this term will be taken from the Rogallas' *German for Academic Purposes*, copies of which may be viewed in the relevant box file in the Whipple Library.

Greek Therapy

The Greek Therapy Group meets on Fridays from 2.30 to 4pm, in the HPS Lodge. Laurence Totelin is our language tutor. We are working through *Greek for Beginners* by L.A. Wilding, and *A Primer of Greek Grammar* by Abbott & Mansfield (both published by Duckworth). For more information contact Nick Tosh.

Heidegger Reading Group

The Heidegger Reading Group meets on Tuesdays at 1pm in St Catharine's College, seminar room W1, where we shall be continuing to wrestle with *Being and Time*. For more information, please contact Paul Dicken.

Modal Logic Reading Group

The Modal Logic Reading Group meets on Mondays at 3.30pm in the HPS Lodge. This term we will be reading the section on logic in Boolos, Burges and Jeffreys *Computability and Logic* (Cambridge: CUP). For more information, please contact Paul Dicken.

Easter Term 2006

Departmental Seminars

Seminars meet on Thursdays at 4.30pm in Seminar Room 2, Department of History and Philosophy of Science, Free School Lane, Cambridge. There is tea beforehand in Seminar Room 1 at 4.15pm. Organised by Stephen John.

27 April **Marcel Weber (University of Basel)**
Three kinds of conceptual change in natural science

Conceptual change in natural science has often been construed in terms of referential success and failure, for example, in the well-known case of Priestley, Lavoisier and the replacement of phlogiston by oxygen chemistry. On the traditional picture, a term either succeeds completely in picking out a natural kind (e.g. 'oxygen') or it fails completely (e.g. 'phlogiston'). Philip Kitcher has developed a more sophisticated theory of reference that allows different tokens of a term to refer differently, depending on the intentions of the scientists. However, this account still requires that there is a unique way of dividing up the relevant domain into natural kinds; otherwise, reference is bound to be indeterminate. Using two different examples from the history of biology (genetics and taxonomy) I show that this uniqueness condition does not hold generally. The metaphysical reasons for this as well as the implications for the theory of reference and conceptual change will be discussed.

4 May **Peter Geimer (ETH Zürich)**
Picturing the invisible? Scientific photography and the 'optical unconscious'

Towards the end of the nineteenth century photography was treated as a medium able to 'see' more than human eyes. The reduction of shutter speeds to times below 1/1000 sec. and the constant improvement of sensitive plates and objectives produced images beyond the human spectrum. More and more it became the function of photography to yield recordings of 'the invisible' (rays, waves, fluids, thoughts etc). The information given by these recordings was hard to control, since no perceptible entities were available for comparative investigations. What does it mean to 'make the invisible visible'? And what did the pictures finally reveal? Facts or artefacts? My talk focuses on this specific balancing between visibility and invisibility, noise and nature.

Eleventh Annual Hans Rausing Lecture

Nelly Oudshoorn (University of Twente)
From victims to heroes? Rethinking the role of users in technoscience
Thursday 18 May at 4.30pm
Winstanley Lecture Theatre, Trinity College

Special Seminar

Ronald L. Numbers (University of Wisconsin)
Science and religion among the vulgar: a plea for a non-elitist history of science and religion
Wednesday 10 May at 5pm in Seminar Room 1

Psy Studies

History of Psychiatry, Psychology, Psychoanalysis and Allied Sciences
There will be one seminar this term, on Wednesday 24 May at 5pm in Seminar Room 1. Tea is available from 4.40pm. All welcome. Organised this year by Emese Lafferton, Andreas Mayer and Deborah Thom.

24 May **Elizabeth Lunbeck (Princeton University)**
On Freud's narcissism: gender and self-sovereignty in life and works

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 Francis Reid.

- 2 May **Trip to Horniman Museum and Crystal Palace Park**
8 May **Alistair Sponsel (Princeton University)**
Coral reefs and the young Charles Darwin
- 15 May **Benjamin Wardhaugh (University of Oxford)**
The logarithmic ear: Pietro Mengoli, music, mathematics and anatomy in the late seventeenth century
- 22 May **Anna Märker (Max Planck Institute, Berlin)**
Aliens and useful knowledge: Kant's Natural History and Theory of the Heavens
- 29 May **James Beattie (University of Otago)**
Empire and nature in New Zealand: theologies of nature and natural theologies, 1830-1920 (based on joint research with John Stenhouse)
- 5 June **William Adams (Department of Geography, Cambridge)**
Exhibition and extinction: the display of nature and the development of conservation
- 12 June **Garden Party**

Epistemology Reading Group

We will be reading articles from Tamar Szabó Gendler & John Hawthorne (eds) *Oxford Studies in Epistemology*, Volume 1 (OUP, 2005). 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 or two essays, 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.

- 27 April Alexander Bird, 'Abductive Knowledge and Holmesian Inference'
- 4 May Harry Field, 'Recent Debates about the A Priori'
- 11 May Frank Keil, 'Doubt, Deference, and Deliberation: Understanding and Using the Division of Cognitive Labor'
- 18 May Thomas Kelly, 'The Epistemic Significance of Disagreement'
- 25 May John MacFarlane, 'The Assessment Sensitivity of Knowledge Attributions'
- 1 June Jonathan Schaffer, 'Contrastive Knowledge'
- 8 June Stephen Schiffer, 'Paradox and the A Priori'
- 15 June Brian Weatherson, 'Scepticism, Rationalism, and Externalism'

Criticism and Culture

Seminars are held fortnightly on Wednesdays at 5pm in the Faculty of English, 9 West Road. All welcome. Organised by Mary Jacobus and David Hillman.

- 3 May **Lyndsey Stonebridge (University of East Anglia)**
The writing of post-war guilt: Rebecca West in Nuremberg?
- 17 May **Jani Scadura (University of Minnesota)**
Things left behind. Or, what to do with stuff

Philosophy Workshop

The PW is a fortnightly peer group seminar devoted to the discussion of on-going work by researchers in philosophy. 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.

- 10 May **Elselijn Kingma (HPS, Cambridge)**
Health as a reference class
- 24 May **Sungho Choi (HPS, Cambridge)**
Dispositional properties, gerrymandered objects and causal processes
- 7 June **Adam Toon (HPS, Cambridge)**
Models and make-believe
- 21 June **Sasha Mudd (HPS, Cambridge)**
Scepticism as a moral problem

History of Science Workshop

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

- 3 May **Patrick Boner (HPS, Cambridge)**
Naturalising the heavens: Johannes Kepler and the material origins of celestial phenomena
- 17 May **Martin Kjellgren (Lund University, Sweden)**
The lamentations of Master Sigfrid: Sigfridus Aronus Forsius and astrology as heteropractice in early seventeenth-century Sweden
- 31 May **Rebecca Wexler (HPS, Cambridge)**
Bird watching: impacts of video technology on scientific observation explored in a 10 minute movie
- 14 June **Alistair Sponsel (Princeton University)**
'The good man who has spread his studies widely...is likely to prove a very useful individual': a history of the Natural Sciences Tripos from 1914 to 1950

Science and Literature Reading Group

This term our texts have been chosen by Daniel Friesner around the theme of mathematics. Everyone is welcome to come along and join in what is usually a lively and wide-ranging discussion. We meet fortnightly on Mondays from 7.30-9pm in the upstairs seminar room of Darwin College. Please note that to avoid bank holidays we are meeting on 'even' weeks this term. Photocopies of selected extracts from the texts will be available in the group's box-file in the Whipple Library from mid-April; library classmarks for books are given on the reading list. For further information, or if you would like to introduce one of the texts, please contact Melanie Keene or Katy Price.

- 8 May Martianus Capella, *The Marriage of Philology and Mercury* (c.425; 1977 translation). English faculty library, V 33 MAR vol. 2; University Library, North Wing Floor 1 716:1.c.95.51.
- 22 May Jonathan Swift, *Gulliver's Travels* (1726), especially part 3. Many copies in College and University libraries; also available in print from £1.99 on amazon.co.uk.
- 5 June Edwin A. Abbott, *Flatland: A Romance of Many Dimensions* (1884). Many copies in College and University libraries; also available in print from £1.50 on amazon.co.uk.
- 19 June Yevgeny Zamyatin, *We* (1920; 1971 translation). University Library, West Room Ud.8.3094; English faculty library, R 74 ZAM.

Scepticism Reading Group

Meetings take place fortnightly on Tuesdays 3.00-4.30pm in the HPS Lodge. The topic in Easter Term is Edward Craig's book *Knowledge and the State of Nature* (Clarendon, Oxford, 1990). The group is open to all. For further information contact Martin Kusch.

- 9 May Chapters I – V (pp. 1 – 44)
- 23 May Chapters VI – IX (pp. 45 – 81)
- 6 June Chapters X – XII (pp. 82 – 119)
- 20 June Chapters XIII – XVII (pp. 120 – 167)

Latin Therapy

The Latin Therapy Group meets on Fridays at 4pm in the HPS Lodge to practise the art of translation, improve our Latin grammar, and determine who deserves more sympathy on account of the difficulty of their sources – all in a mutually supportive environment! Well-known (usually classical) texts of relevance to the history of science are studied, as well as texts on which members of the group are working. Select meetings will be held in historic college libraries, with a session to be scheduled at the Parker Library, Corpus Christi College during Easter Term. The language tutor is Debby Banham. All are welcome to attend. For more information, and to be added to the mailing list, please contact Patrick Boner. Information is also available on the Latin Therapy website, www.hps.cam.ac.uk/latintherapy.

Judith Butler Reading Group

The Judith Butler Reading Group meets on Fridays from 11.30am-1pm in the HPS Lodge, for the first four weeks of Easter Term (starting from 28 April). We will finish off Butler's *Gender Trouble: Feminism and the Subversion of Identity* 10th Anniversary Edition, London: Routledge, 1999. (Whipple Library Z.1450 A,B). We will also read a couple of articles from *Judith Butler Reader*, Oxford: Blackwell, 2004. For more information, please contact Leon Rocha.

Modal Logic Reading Group

The Modal Logic Reading Group meets on Mondays at 3.30pm in the HPS Lodge. We will be continuing with Boolos, Burges and Jeffrey's *Computability and Logic*. For more information, please contact Paul Dicken.

Heidegger Reading Group

The Heidegger Reading Group meets on Tuesdays at 1pm in St Catharine's College, seminar room W1. This term, we shall be beginning division 2 of *Being and Time*. For more information, please contact Paul Dicken.