

A²HPS³ newsletter

Australasian Association for the History Philosophy and Social Studies of Science
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Letter from the President

2014 marked something of a rebuilding year for AAHPSSS. After the difficulties following the devastating earthquake in Christchurch in 2011 and the disruption to the plans for the intended 2012 conference, it seemed like the association had lost momentum. While this was cause for some concern, the executive committee has worked hard over the past two years to ensure that AAHPSSS continues to have a visible presence in fostering a sense of community for HPS/STS scholars in our region. The two most significant achievements of the past year were the newsletter and the rejuvenation of the Biennial Conference series and the prestigious Dyason lectures, with a meeting on July 4-6, 2014 in the picturesque surrounds of Katoomba in the Blue Mountains.

Sadly, this year also marks the death of David Oldroyd, an influential and much-loved member of AAHPSSS over many years. He will be missed by his many friends and colleagues. I recommend John Forge's tribute to David on the AAHPSSS website, also reproduced below.

The AAHPSSS conference in Katoomba was a resounding success. The quality of the papers was a testament to the continuing vitality of scholarship in the history, philosophy and social studies of science and technology in Australasia. This was exemplified in Philip Caton's Dyason lecture: 'Diagrammatic Reasoning, Exemplary Practice, Public Experience: Newton vs Leibniz'. As befitting an AAHPSSS conference, the program was eclectic, with sessions devoted to such diverse themes as early modern science, string theory, the psychology and philosophy of temporal experience, constituting identity through technology, and papers on the politics of expertise and popular science. In addition to the sessions devoted to the early modern period, the program reflected recent historical



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scholarship in a range of topics from manufacturing and anthropological field work in Australia, to medieval science and technology, to 18th century chemistry, Victorian scientific naturalism and 20th century cosmology.

A highlight of the conference was the Book Symposium on John Schuster's *Descartes-Agonistes: Physico-mathematics, Method and Copuscular-Mechanism 1618-1633*, published in 2013, with commentaries from Ofer Gal, Luciano Boschiero and a response from the author. The Langham Prize for the best postgraduate paper was awarded to Sahar Tavakoli (HPS, University of Sydney) for her paper 'Constituting Identities Through Technology: The Hospital Gown in the Construction of the Hospital Patient'. You can find an abbreviated version of the paper in this newsletter.

In the weeks leading up to the conference, a Nominating Committee consisting of Ofer Gal and David Miller proposed a new executive for 2014-5, which was elected unopposed at the AGM. I have taken over from Dean Rickles as President, while Luciano Boschiero will remain as Treasurer and John Wilkins was re-elected as Vice President (communications). Nicola Marks was newly elected as Vice President. We are also delighted to announce that Alan Salter has agreed to take on the role of editor of the AAHPSSS newsletter. The newsletter will continue to have an important function for the continuing vitality of the association, in informing AAHPSSS members about the state of HPS in Australasia, including hiring news, job vacancies, visiting international scholars, conferences, new books, funding and publication opportunities, and other more general news. We would invite those of you who have material to include for future issues, or simply have further suggestions for the newsletter to contact the committee.

Of course, much still remains to be done. In 2015, we plan to make contact, and forge relationships, with other academic associations and societies, who have some connection with HPS/STS, both internationally and locally. We hope this might lead to a joint conference in the future, and such networks can only further strengthen our visibility and profile in the region. We also foresee making the step to full incorporation, as a step towards a more responsible management of the association, and intend to regularly update the website: <https://aahpsss.wordpress.com>. I would also like to canvass the possibility of holding another AAHPSSS conference in 2015 (yes, next year!) in Melbourne. Given the success of this year's conference and the importance of keeping the momentum going, it might be worth considering breaking with the tradition of a biennial conference, and holding conferences in successive years. This would also conveniently solve the problem of where to hold the Dyason lecture next year. I would be willing to assist in organizing a conference in Melbourne next year if there was support for such an idea.

Finally, I would like to extend my thanks to the outgoing president, Dean Rickles, and to Luciano Boschiero, who will be continuing on as Treasurer, for all their work over the past year. Luciano, in particular, was pivotal in taking on the task of organising the newsletter and the conference. I believe there is every reason to continue to be optimistic about AAHPSSS's future, and the role it has yet to play in the life of HPS/STS in Australasia.

Kristian Camilleri

AAHPSSS President

David Oldroyd

1936-2014

David died, from cancer, on November 7 of this year, well before his time. This is a sad loss indeed for the HPS, especially here in Australasia. David leaves a considerable legacy. This is most obviously due to the excellent work in the form of publications he produced during his career, acknowledged with many prizes and awards – none of us can claim to have such a distinguished record. But there is also the way he affected the lives of his students and friends, surely always for the better, something less tangible and non-quantifiable but as important.

This is not the place to try to list David's achievements. What we have done is to reproduce an interview conducted in Norway and published in the INHIGEO Newsletter in 2009 – thanks to Barry Cooper for kindly sending this – which gives a good deal of information about David, and in his own words. Also, for David's many former students, colleagues and friends, we have set up a system where people can leave (short) comments and anecdotes about him, for others to see. Please do not feel that these all have to be solemn tributes. Click [here](#).

David was a decent and kind man. He was good-natured, clever and funny and old-fashioned and eccentric. He was an excellent companion and a good and loyal friend. We will miss him greatly, and we offer our sincere condolences to Jane, Ben and Monty Oldroyd.

John Forge

University of Auckland, New Zealand

Ruth is now an honorary research fellow in History within the School of Humanities at the University of Auckland.

She writes that the University has no current programme which includes history of science or HPS but that people from many parts of the university are loosely networked.

Her major current project is the John Tyndall Correspondence Project. She is co-editor with Michael Reidy (Montana State University) of vol. 3 of Tyndall's Correspondence (see publications). Her X Club book manuscript is being read by a publisher, and she is also writing an article on Victorian debates over miracles for the *Edinburgh Critical History of Nineteenth-Century Theology* (Edinburgh University Press).

James Braund is an honorary research fellow in German which is within the School of Languages and Literature. There is a long history of publication on German scientists in New Zealand, especially in the colonial period. James's major current project is on the Forsters in New Zealand in 1773-1774. His most recent publication is on Hochstetter (see publications).

Alistair Kwan, recently arrived at the Centre for Learning and Research in Higher Education, is collecting the material artefacts of science education, such as lab reports, lab manuals, textbooks, computation aids and instruments, in the early stages of a large project on the history of the teaching and learning of science. He has received substantial funding for travel, acquisition and, where necessary, preservation of such materials. He is continuing his research on other aspects of science education and the interpretation of science's material and architectural culture.

Jeremiah Rankin, a PhD student in History/Humanities, is employed as a research assistant on the John Tyndall Correspondence Project, which is a useful contribution to his thesis research on the representation of scientific authority in the popular science writing and lecturing of Tyndall and G. H. Lewes.

Linda Tyler, Associate Professor in Art History/Humanities and Director of the Centre for Art Studies, is continuing her research on the interaction of art and science in the work of John Buchanan, botanist to the New Zealand Geological Survey, and illustrator for the *Transactions of the New Zealand Institute* from the 1860s to 1880s.

Simon Nathan, Scientist Emeritus at GNS, Lower Hutt, New Zealand, has recently published an article on James Hector, the geologist (see publications).

Brown University, Rhode Island

Professor Hal Cook

Brown University remains a place where the study of the histories and cultures of science, medicine, and technology are encouraged. It was once the home of the Department of History of Mathematics, chaired by the likes of Otto Neugebauer and David E. Pingree; the latter's collection of books, pamphlets, and manuscripts in a wide variety of languages is now available through the Brown library. A Department of Egyptology and Assyriology now occupies the same building, in which John Steele and Matthew Rutz pursue the history of astronomy and astrology, among other subjects. There are also strong programs in classical history and literature, medieval history and literature, archaeology, and East Asian studies, with growing strength in South Asian studies, all of which include faculty who work in part on questions related to the history of natural knowledge.

More modern periods are also strong. The historian of science and mathematics, Joan Richards, has been in the History Department, and she was joined a few years ago by Tara Nummedal, known especially for her work in the history of early modern alchemy and culture. In the near past, Harold J. Cook (also an early modern historian, with strong interests in the history of medicine), and Lukas Rieppel (in the modern life sciences, and history and capitalism) arrived in the same department; in 2014 two historians of medicine in Latin America also joined History: Jennifer Lambe and Daniel Rodriguez. Deborah Weinstein, who has served in the Pembroke Center for Teaching and Research on Women has recently moved to the Department of American Studies, where she teaches on the history of medicine. They are joined by a larger interest group within History that includes historians of the environment, museums, and other related subjects.

Beyond History and American Studies are faculty with strong historical interests who are appointed in the natural sciences and engineering, as well as several in other departments in the humanities and social sciences. Many are participating faculty in the program in Science and Society, founded by Anne Fausto-Sterling and currently directed by Tara Nummedal; graduate students from several departments with interests in this subject area may soon be able to earn a certificate in STS. While Brown has no department of the history of science, then, undergraduate and graduate students have many opportunities to study these and related subjects.

University of Ghent

Charles Wolfe, previously with HPS Sydney, writes

I work primarily in the history and philosophy of the life sciences, with a focus on the early modern context, pushing into the Enlightenment, and concentrating on themes such as vitalism and materialism, but also concepts such as 'organism', the relation between machine models and Life, body-soul relations and the 'naturalization' of the soul, and medical empiricism.

At Ghent University, I am in charge of the bi-monthly (sometimes weekly!) lectures in 'HPS' in the Sarton Centre for the History of Science / Department of Philosophy: <http://www.sarton.ugent.be/events> (previous events are listed too). Aside from my regular course on Theories in the History of Science at Ghent, I've been an invited lecturer at the University of Lisbon (CFCUL, May 2014) and the University of Torino (Winter 2014-2015), lecturing on the history and philosophy of the life sciences, from Descartes to Canguilhem.

I continue to collaborate with some researchers in Australia. I recently contributed a chapter to a volume edited by Danijela Kambaskovic-Sawers from the University of Western Australia (see publications). And I gave concluding remarks at a workshop on Locke and medical empiricism at the Ecole Normale Supérieure in Lyon, coorganized by Peter Anstey. Regarding other colloquia I organized, with Sorana Corneanu of the University of Bucharest, a series of meetings at the Warburg Institute in London and at ESHS in Lisbon on 'Early modern medicine of the mind', which will also yield an edited volume.

Other recent publications include my edited volume *Brain Theory* which came out from Palgrave MacMillan (it contains a few historical chapters including one from Sydney's own Stephen Gaukroger, but most pieces are in philosophy of neuroscience). Last year's *Vitalism and the scientific image in post-Enlightenment life science, 1800-2010* (which I coedited with Sebastian Normandin; Springer) has received a number of strong reviews including in *Notre Dame Philosophical Reviews* and *Studies in the history and philosophy of biology and biomedical science*. I am presently writing a monograph on eighteenth-century vitalism, and a shorter one on materialism.

My editorial projects include a coedited volume on *Philosophy of Biology Before Biology* (tentative title), a journal issue on epigenesis and a larger volume on the history and philosophy of materialism. I am also the Founding Editor of the series in History, Philosophy and Theory of the Life Sciences at Springer (2012-). Approximately ten titles have already been published, with more soon forthcoming, including an edited volume on *Early Modern Medicine and Natural Philosophy*: see <http://www.springer.com/series/8916>.

For more publications consult my academia.edu page: <https://ugent.academia.edu/CharlesWolfe>

Griffith University, Brisbane

Richard Yeo has recently retired from a Personal Chair at Griffith and is now an Adjunct Professor there. He writes that unfortunately there is no longer an HPS/STS undergraduate programme. The department flourished from the late 1980s until around 2000, but after John Forge's departure to the University of Sydney and Richard's own break from teaching on an Australian Research Council professorial fellowship, their labour was not replaced.

However, there are some research activities that continue to bear on HPS themes. Two can be mentioned here.

1. A two-day symposium on 'Histories of Information' was held on 20-21 March 2014, in Brisbane. The following summary describes the symposium

Over the last decades, historical scholarship has tackled some major, and often elusive, concepts such as memory, observation, objectivity, intellectual property, note-taking, manuscript and print culture, the republic of letters etc. By assuming such work, although not attempting to capture it under one umbrella, this symposium explores what a history of information might seek to be, and to do. It does so by focussing on the nature of collection, storage, retrieval, and transmission of material across a range of disciplines and periods, and also on the terms and concepts in which these processes have been described and analysed.

The invited speakers were Daniel Rosenberg (Oregon and Stanford), Wouter Van Acker (Griffith), David Miller (UNSW), Helen Groth (UNSW), John Gagne (Sydney), Leigh Penman (UQ), Richard Yeo (Griffith).

2. A research colloquium entitled, 'Global and Colonial Circulation of Knowledge c. 1500-1800' will be held at Griffith University in April 2015.

The colloquium will include presentations from leading scholars addressing the generation and transmission of scientific and ethnographic knowledge across the early modern period. Particular attention will be paid to the articulation of claims to intellectual authority, and the complex interplay of European, Creole and Indigenous voices. Keynote speakers will include Professor Antonella Romano, Director of the Alexandre Koyré Centre for the History of Science and Technology at Ecole des Hautes Etudes en Sciences Sociales (EHESS, Paris), and Associate Professor Silvia Sebastiani of the Centre for Historical Research at EHESS. Their research collaboration has culminated most recently in the publication of a major new collection on the intellectual history of Early Modern European Empires: *Negotiating Knowledge in Early Modern Empires: a Decentered View* (Palgrave Macmillan, 2015). For further information on the Colloquium please contact Associate Professor Bruce Buchan, School of Humanities, Griffith University: B.Buchan@griffith.edu.au

Richard has recently published *Notebooks, English Virtuosi, and Early Modern Science* (University of Chicago Press, 2014). The link is [NBI YEO Notebooks English ~1.pdf \(498 KB\)](#)[\[Open as Web Page\]](#)

Melbourne

2014 marked a period of sustained activity for HPS teaching at Melbourne this year, writes Kristian Camilleri. We had a stimulating HPS seminar series, particularly in the second semester. Our program included talks from visiting scholars Dean Rickles (Sydney), Milena Ivanova (Brisbane), and Professor Bill Newman (Bloomington, Indiana).

One of the most significant public events on the Calendar for the History and Philosophy of Science in 2014 was the recent Public Lecture delivered by Professor Bill Newman. Professor Newman had arranged a brief visit to HPS Melbourne from Indiana University in Bloomington and agreed to present a public lecture, entitled 'Why did Isaac Newton believe in Alchemy?' on Monday September 1. The evening was a resounding success for HPS, with an estimated audience of more than 200 in attendance. The lecture itself brought together Professor Newman's intimate knowledge of Newton's alchemy, a live experiment demonstrating the 'organic' properties of ferric chloride, and a number of video clips illustrating a variety of "chymical" phenomena familiar to the 17th century alchemist!

On the research front, Gerhard Wiesenfeldt spent much of second semester as a research fellow at the Scaliger Institute of the University of Leiden and as a visiting scholar at the Ernst-Haeckel-Haus of the Friedrich Schiller University Jena. In both places he has been working at a book on 'The Practical Tradition: Dutch Mathematics, Philosophy, and the Making of Modern Science', which he hopes to finish by 2016. He also has been presenting papers at the workshop 'Early eighteenth-century experimental philosophy in the Dutch Republic' (7 July 2014, Royal Flemish Academy of Belgium for Science and the Arts, Brussels) and at the annual conference of the German Society for History of Medicine, Science, and Technology (13 September 2014, Munich).

Darrin Durant is also currently working on a book project looking at how public inquiries resolve or perpetuate issues, with a specific focus on the issue of nuclear waste in Canada over the past thirty years.

Mike Arnold has also been working on the public engagement front in overseeing a campaign to attract more Community Access Program students to some of our specifically chosen HPS undergraduate subjects. Sarah Gundlach, the Communications Officer in the Office of Graduate Studies in Faculty of Arts has been assisting with the project, and we are currently advertising on community radio to generate broader awareness. Some funding has also been allocated to give HPS Melbourne a greater public web presence, and we have recorded a number of short clips from staff and lectures for the SHPAS website. As part of this campaign, HPS will work with IT to create a landing page to feature the subject information and a link for enrolments.

Rome

Antonio Clericuzio is a Professor in the Department of Humanities, Roma Tre. His principal fields of research are the history of chemistry and medicine in the sixteenth and seventeenth centuries. He notes that in Rome, there are three State Universities, a number of private ones (some of which are linked to the Roman Church) and several learned societies and museums doing research in the History of Science.

Antonio provides a brief synopsis of schools, specialisms and key scholars, with links:

Let's start with the older university, La Sapienza:

Dept. of Philosophy

Dr Nunzio Allocca, Descartes, seventeenth century Science

<http://www.lettere.uniroma1.it/sites/default/files/212/Nunzio%20Allocca,%20Pubblicazioni%20e%20curriculum%20esteso%202.pdf>;

Professor Elena Gagliasso, Biology, the nineteenth and twentieth centuries

<http://www.sensibilia.it/Gagliasso.html>;

Professor Paolo Casini, Emeritus, Newtonianism, eighteenth century;

Professor Tullio Gregory, Emeritus, Seventeenth century, Atomism and Gassendi.

Dept. of Modern Languages

Dr Leen Spruit, Censorhip and science, seventeenth century <http://www.leenspruit.com/curriculum-vitae>

The Institute and the Museum of History of Medicine in the Medical school

Professor Gilberto Corbellini, The History of medicine and the History of Biology, Twentieth Century

<http://fac-medeodonto.unisapienza.cineca.it/sites/fac-medodonto/files/allegati/Corbellini CV.pdf>

Professor Maria Conforti, The History of Medicine, sixteenth and seventeenth centuries

<http://www.histmed.it/staff/conforti.htm>

Professor Valentina Gazzaniga, Ancient Medicine

http://elearning2.uniroma1.it/pluginfile.php/116923/mod_page/content/46/CV_GAZZANIGA VALENTINA IT%5B1%5D.pdf

Department of Physics

Professor Gianni Battimelli, Italian physics, the early twentieth century;

<http://matematica.unibocconi.it/autore/giovanni-battimell>

Faculty of Arts

Professor Giovanni Paoloni, Scientific Archives, Italy nineteenth and twentieth centuries

<http://www.lettere.uniroma1.it/users/giovanni-paoloni>

Department of Mathematics

Professor Giorgio Israel, Mathematics and Physics, Twentieth Centuries

http://www1.mat.uniroma1.it/people/israel/Curriculum_It.pdf

Department of Chemistry

Professor Franco Calscibetta, History of Chemistry in Italy, 19th & 20th centuries

<http://www.chem.uniroma1.it/dipartimento/persone/franco-g-calascibetta>

Roma 2, Tor Vergata, a new University, founded in 1982

Department of Philosophy

Professor Barbara Continenza, Darwin and Evolutionism

<http://didattica.uniroma2.it/docenti/curriculum/3884-Barbara-Continenza>

Department of Information Science

Professor Carmela Morabito, History of Psychology, 19th & 20th centuries

<http://editoriaecomunicazione.uniroma2.it/chi-siamo/docenti/carmela-morabito/>

Department of Mathematics

Professor Lucio Russo, Mathematics and Mechanics in the Ancient World

<http://www.mat.uniroma2.it/~russo/curriculum.pdf>

Roma Tre, the most recent state university, formally established in 1992

Department of Humanities

Professor Antonio Clericuzio, History of Chemistry and Medicine, 16th & 17th centuries

<http://studiumanistici.uniroma3.altervista.org/jml/36-aclericuzio>

Department of philosophy

Dr. Teresa Numerico, Alan Turing and the History of Artificial Intelligence

<http://www.uniroma3.it/persona.php?persona=S9uvEf9b5yQAZUdLdcqcCPpselPPNXnUGNtX4cQ0UFc>
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Department of Biology

Professor Giulia Caneva, Botanics in the Ancient World

http://europa.uniroma3.it/biologia/docente.aspx?id_u=102

Università Gregoriana

The Università Gregoriana is a Catholic University. In its archives one can find MSS from the Jesuits, including material related to Science in the Collegio Romano from the 16th to the 18th centuries. Archival material on Clavius can be found at the following link:

http://claviusontheweb.blogspot.it/p/il-progetto_3.html

Professor Gennaro Auletta teaches History and Philosophy of Science

http://www.gennaroauletta.net/CV_Auletta.pdf

Pontificia Università della Santa Croce a Roma (Santa Croce)

Santa Croce, like the Università Gregoriana, is a Catholic University.

Centro di Ricerca DISF, Documentazione Interdisciplinare di Scienza e Fede The Research unit on Science and Religion)

Director Giuseppe Tanzella-Nitti.

Information on Staff and activities can be found at the following link: <http://www.disf.org/chi-siamo>

Outside the universities

Consiglio Nazionale delle Ricerche (CNR) ILIESI

The ILIESI Institute is devoted to the history of philosophical and scientific terminology from Antiquity to the 18th century

Dr Claudio Buccolini, Mersenne and Descartes

<http://www.iliesi.cnr.it/profilo.php?name=Buccolini> ;

Dr Luca Simeoni, Greek astronomy and mathematics

<http://www.iliesi.cnr.it/profilo.php?name=Simeoni>

Accademia dei Lincei

The Accademia dei Lincei was founded in 1603. It is still active in Rome. The Academy Archives are rich in early modern scientific MSS. The Academy Library (Biblioteca Corsiniana) specializes in early modern

science.

Librarian

Dr Marco Guardo

Dr Guardo has published extensively in the History of Science

http://www.lincci.it/files/trasparenza/cv/cv_Marco_Guardo.pdf

Centro Fermi

A Museum and Research Institute devoted to research on Enrico Fermi and Italian Physics in the 20th century.

<http://www.centrofermi.it/>

The Istituto dell'Enciclopedia Italiana (TRECCANI)

TRECCANI organises conferences on the History of Sciences. It also hosts a library including a section devoted to the History of Science.

Dr Federica Favino

In charge of scientific biographies for the Dizionario Biografico degli Italiani.

Research on Italian science in the 17th and 18th centuries. Dr Favino is an Honorary fellow at La Sapienza in the History Department.

<https://uniroma.academia.edu/FedericaFavino>

Antonio also notes that the History of Science plays a relevant part in the programs of the Ecole Française in Rome and of the The Swedish Institute in Rome. As well sections on History of Science feature in the The National Museum of Prehistory and Ethnography “Luigi Pigorini” in Rome. Interested scholars may consult <http://www.ep.liu.se/ecp/078/005/ecp12078005.pdf>.

University of New South Wales

Stephen Healy, of Environmental Humanities at the University, writes that History and Philosophy of Science is no more although David Miller, now Emeritus Professor, and Nicolas Rasmussen continue to be active in the field.

Stephen notes however that his own department has a significant Science and Technology Studies component.

David's recent publications are to be found in the Publications Section of the Newsletter.

University of Pittsburgh

John Norton

John is presently Director of the Center for Philosophy of Science. His research is in history and philosophy of physics, with a special emphasis on Einstein, and topics in the philosophy of science in general. A major project of his is a reconceptualization of inductive inference as materially grounded. For more, see John's website <http://www.pitt.edu/~jdnorton/jdnorton.html>

He has some encouraging words to say about HPS in the US generally –“doing very well institutionally ...(with) much good news” – about Pittsburgh more specifically and for Australians and New Zealanders contemplating careers in the US.

What's happening in Pittsburgh.

Department of History and Philosophy of Science, University of Pittsburgh.

The Pittsburgh department is a traditional HPS department. It has nine primary faculty members and 28 graduate students, working towards doctoral dissertations. The department supports research and teaching in all areas of HPS. The link is <http://www.hps.pitt.edu/>

Recently, the department started a YouTube channel called "Instant HPS." It hosts short videos of a few minutes on topics in HPS. I've prepared one of them--"Einstein's Astonishing"--idea that describes how Einstein came to posit the light quantum. The link is <https://www.youtube.com/channel/UCAMdyb5LR0ATv1NISI-6gQ/feed>

The Center for Philosophy of Science, University of Pittsburgh

The Center is a research center for philosophy of science that, at any one time, hosts two Postdoctoral Fellows, five Visiting Fellows and a Senior Visiting Fellow. Fellows have no obligations other than to do their own research. There are numerous talk, workshops and other events. The link to the Centre is <http://www.pitt.edu/~pittcntr/>

(For more on Fellowships at Pitt and how to apply, see the section entitled Jobs and Fellowships in this newsletter).

A pre-print server

This preprint server is run on servers in the University of Pittsburgh Library System. It has over 4200 preprints in all areas of philosophy of science, openly accessible. The archive invites all philosophers

of science to post preprints of their work to the site. The link is philsci-archive.pitt.edu.

It is an efficient way to communicate new results to a wide audience, while, at the same time, establishing priority. The archive hosts sections devoted to conferences (ask us if you want one!) and now has a facility for producing a pdf conference volume, if conference organizers want it. All this is free. For the link to this facility, follow <http://philsci-archive.pitt.edu/preprint-volumes.html>

Elsewhere:

[&HPS: Integrated History and Philosophy of Science](#)

This is a conference series devoted explicitly to work that integrates history of science and philosophy of science. There have been five meetings so far:

2007 University of Pittsburgh

2009 University of Notre Dame

2010 Indiana University at Bloomington

2012 University of Athens (Greece)

2014 Institute Vienna Circle (Austria)

The conference series is run by the &HPS committee, which is convened by Don Howard and John D. Norton. The link to further details of committee membership and conferences is http://www.pitt.edu/~pittcntr/About/international_partnerships/andHPSpage.html

How do you say "&HPS", he asks? It's up to you. I usually say "ampersand-HPS."

John adds a short personal note for Australians and New Zealanders. He writes,

I am Australian historian and philosopher of science. My PhD is from the now evaporated School of History and Philosophy of Science, UNSW. I've been at the University of Pittsburgh since 1983. I am a past Chair of the Department of History and Philosophy of Science and presently Director of the Center for Philosophy of Science.

Otherwise, I had the experience of being an Australian who made the leap over to the US, so I know that it can be a little intimidating. I suppose things have gotten easier now with email and the web. When I did it, there was only regular mail. Phone calls were too expensive. So if Australasians want someone over here to talk to, I'm happy to help. As a general matter, the US culture is very friendly and welcoming to international visitors.

University of Queensland *Centre for the History of European Discourses*

Dr. [Ian Hesketh](#) is presently completing a postdoctoral project, part of Centre Director Peter Harrison's "Science, Progress and History" research grant. Ian is currently working on a monograph on the history of the evolutionary epic and has recently published an article on "[The Story of Big History](#)," which considers the relationship between large-scale histories of human history and popular science writing. (See publications for links to this article). Ian writes,

One of the main research strengths of the [Centre for the History of European Discourses](#) is the history and philosophy of science and the variety of HPS related projects and scholars. Centre director Prof [Peter Harrison](#) was recently awarded a prestigious Laureate Fellowship for a project on "[Science and Secularisation](#)," which aims to explore past and present relations between science and religion with a view to developing a new account of the role of science in the processes of secularization. The project will involve several postdoctoral and postgraduate positions and will result in a series of monographs, edited collections, journal articles as well as seminars and workshops, involving a mix of local, interstate, and international participants.

Harrison is also completing a Templeton World Charity Foundation-funded project on "[Science, Progress and History](#)," which explores the interface of history and the natural sciences, focusing on laws, patterns, and narrative structures in human history, evolutionary history, and cosmology. This project has involved organizing workshops and conferences and will include a forthcoming monograph by Harrison as well as an edited collection entitled *Replaying Life's Tape: Contingency, Convergence and Teleology* featuring chapters by Simon Conway Morris, Michael Ruse, John Beatty, and Allan Megill as well as many others. It should also be noted that Harrison's 2011 Gifford Lectures will be published as [The Territories of Science and Religion](#) by the University of Chicago Press in March 2015. (See publications)

Also relevant to HPS research is Prof. [Peter Cryle](#)'s ARC-funded project entitled "A Critical Genealogy of Normality," which will result in a monograph of the same title. The monograph, which is co-authored by Dr. [Elizabeth Stephens](#) (Southern Cross University), seeks to historicize the emergence of new modes of quantification in nineteenth-century medical and anthropological discourses, and how such discourses attempted to define the normal and the abnormal. Cryle has also organized a workshop for this project that will take place at the Wellcome Institute in London on 12 December 2014.

The centre also has several postdoctoral research fellows working on HPS related research as well. Dr. [Tom Aechtner](#) has just completed a postdoc project, funded by University of Cambridge's Faraday Institute, looking at the uses of evolutionary theory in new atheist publications. The project was an extension of his earlier work on the rhetoric of religiously motivated anti-evolutionists. Dr. [Leigh Penman](#), whose work largely concerns the intellectual networks of early modern heterodox thinkers, has a forthcoming article in *Isis* (March 2015), co-authored with [Vera Keller](#) (University of Oregon),

and is entitled “From the Archives of Scientific Diplomacy: Science and the Shared Interests of Samuel Hartlib’s London and Frederick Clodius’s Gottorf.” And our newest postdoc, Dr. [Karin Sellberg](#), who focuses on the intersection between early modern histories of sexuality and the history of medicine, is organizing a symposium on Medical Humanities, which aims to bring together the University of Queensland researchers who work on various interdisciplinary exchanges between the humanities and medical sciences, for an opportunity to exchange ideas and form future collaborations. (See the Forthcoming Conferences section).

For further information about these projects and the activities of the centre more generally, please visit our [website](#) and [Facebook](#) page.

University of Sydney

Associate Professor Dean Rickles writes that he recently co-organized two international conferences: *Foundations of Dualities* (Florence, September, 2014), with Professor Elena Castellani (Florence). The link is <http://dualitiesblog.wordpress.com>

Shaping the Trading Zone: Bringing Aesthetics and Philosophy of Science Together (Leeds, September, 2014), with Prof. Steven French (Leeds). The link is <http://goo.gl/19r2EF>

Videos from a conference he co-organized with Professor Ian Durham (Information and Interaction: Trinity College, Cambridge March 20th-23rd, 2014) are now being made available. The link is <http://informationandinteraction.wordpress.com/videos/>.

Dean also offers what he calls a “few other bits and pieces”:

He was awarded 3rd prize (of \$2000) in the 2014 *Foundational Questions Institute* [FQXi] competition on “How Should we Steer the Future of Humanity?” The link is <http://goo.gl/1Uja3a>.

He participated in, and completed and submitted report with policy recommendations for the Royal Society (of London) sponsored think tank: *Climate Change Challenges to Health: Risks and Opportunities*.

His former PhD student Karen Crowther was awarded a postdoctoral position at the University of Pittsburgh, working with Bob Batterman. His current PhD student Sophie Ritson is currently a visiting student at the University of Cambridge, working with Richard Staley. And his and Director of HPS Sydney Dominic Murphy’s former Masters student, Feraz Azhar, won the Wittgenstein PhD Studentship to work at Trinity College Cambridge, under Jeremy Butterfield.

Dean’s recent publications can be found in the publications section.

Associate Professor Ofer Gal has been awarded an Australian Research Council Discovery Project grant, commencing in 2015. Ofer provides a synopsis of the project

“Modern science and the modern state came to the world together. They emerged from the Scientific Revolution of the 17th century, which changed not only the way people understood the world, but how they understood themselves as individuals and communities. By analysing scientific, philosophical and political documents, some canonical some rarely read, the project will reveal the ethical and political implications of the rise of modern science. It will be the first comprehensive study of the co-formation of science and the state in their era of origin, shedding crucial and surprising light on the place of science in culture and politics ever since. “

University of Wollongong

Nicola Marks provides the following summary of recent highlights from The Science and Technology Studies program.

Ecclesiastical Lordship, Seigneurial Power and the Commercialization of Milling in Medieval England by Adam Lucas is now out (see publications).

Nicola Marks (STS), with her colleagues Vera MacKie and Sarah Ferber (History) will receive \$518,953 from the ARC for their Discovery Project *IVF and Assisted Reproductive Technologies: The Global Experience*. They will trace the 40 year social and cultural history of this technology, paying particular attention to the trans-national movements of discourses, practices, policies, research materials and bodies.

In recent talks and seminars Steve Fuller, initially hosted by the University of Queensland, visited Wollongong and gave an exciting talk on transhumanism.

STS has welcomed a new PhD student, Tim Johnson-Newell, a psycho-therapist by training. He will be exploring the development of his profession in Australia.

The University of Wollongong hosted the Cultural Studies Association of Australasia Conference during 2-5 December, with a number of interesting sessions on flesh and techno-bodies.

Professor Dan Hutto, appointed Senior Professor of Philosophical Psychology in November 2013, writes of his enthusiasm for the environment he has found,

“After a full year of taking up my post at UOW I can say, without hesitation, that I’ve joined a really forward-looking and energised unit. I have excellent colleagues and a wonderfully supportive Faculty and School infrastructure. I anticipate Philosophy at UOW will quickly thrive and grow further in the coming years.”

He mentions recent PhD graduate Kylie Bourne “who had two commendations for her thesis and is now working as a Knowledge Management Officer at the Department of Foreign Affairs and Trade.”

In other departmental news, Patrick McGivern has been awarded a \$45,000 grant through the Durham Emergence Project at Durham University for a project on concepts of scale in science, and the role of scale in understanding emergence and complexity. He has recently been promoted to Senior Lecturer (Philosophy).

Associations

National Committee for HPS

On Friday 5 December, the National Committee for HPS organised *Theory meets practice: Master class in science engagement and policy making*. The day brought together over eighty people at the Shine Dome in Canberra (and others who were live streaming), with a mix of academics and practitioners such as science communicators, anthropologists, philosophers, policy officers, historians, science students, engineers, ethics advisors, regulators, and people from industry. This was the first Academy event with such a variety of participants.

Twelve pairs of talks – with one theoretician and one practitioner – covered a range of topics: the role of the public in policy-making, banking indigenous specimens, news ways of engaging publics in science, food labelling, climate change communication, and big data. Despite this diversity, a number of themes emerged throughout the day. These included the importance of stories and of trust (in science, in publics, in regulators), and the need to foster public discussions about the nuances and ambiguities of science as well as the need for academics to understand the constraints and complexities of policy and regulation. Overall, it seemed that everyone could take something away to inform their thinking and actions.

For more information on talks and speakers, see www.science.org.au/events/theory-meets-practice-master-class-science-engagement-and-policy-making/schedule

Society for the History of Technology

Adam Lucas, as member of the Internationalization Committee for the Society for the History of Technology (SHOT) just attended the annual meeting in Dearborn, Michigan. President Bruce Seely (Michigan Tech) and the committee are very keen to get more Australian and New Zealand scholars involved in SHOT, especially in encouraging them to submit paper and panel proposals for the Singapore meeting in 2016. This can be on any relevant topic and any time period.

In particular, Steve Walton (Michigan Tech), Pamela Long (recent Da Vinci and Macarthur Awards winner) and Adam Lucas had a well-attended panel session which lamented the lack of engagement of SHOT with any scholars working on the period before 1800, and the lack of articles in Technology and Culture engaging with the same. Therefore, if any members of AAHPSSS are interested, Adam encourages them to contact him so that he can assist them with putting a proposal together, knowing that there are a number of historians of science working on early modern instrumentation, practical mathematics, craftwork and other relevant themes, with the view of presenting in Singapore in 2016. Contact alucas@uow.edu.au

Honhong Tinn (Hong Kong) also serves on the Internationalization Committee. He is a historian of computing science and technology of the Cold War and is currently a postdoc at the Max Planck Institute for the History of Science. He takes up a teaching position at Earlham College next fall.

Publications

Ruth Barton, Auckland

'Sunday Lecture Societies: Naturalistic Scientists, Unitarians and Secularists Unite Against Sabbatarian Legislation'. In *Victorian Scientific Naturalism: Community, Identity, Continuity*, ed. Bernard Lightman and Gowan Dawson. Chicago: University of Chicago Press, 2014, 189-219.

'Moa Bones and New Zealand's Early Museum Directors', *Journal of the Historical Studies Group* (Geological Society of New Zealand), no. 46 (March 2014), 16-22.

Volume 3 of Tyndall's Correspondence, co-editor with Michael Reidy (Montana State University, forthcoming, Pickering and Chatto, 2015).

James Braund, Auckland

'Hochstetter, the Moa, and the Early Reception of Darwin in Vienna'. In: Hermann Mückler et al., *New Zealand and the EU. Austrian Visitors to Oceania: Their Activities and Legacies*. Auckland: Europe Institute, University of Auckland, 2014, 33-81.

Simon Nathan, New Zealand

James Hector and the first geological maps of New Zealand, *Journal of the Royal Society of New Zealand*, Published online: 13 Feb 2014. <http://www.tandfonline.com/eprint/T6TzFWIGSSnMV59Qtj3/full>

Charles Wolfe, Ghent

The Material Soul: Strategies for Naturalising the Soul in an Early Modern Epicurean Context, with Michaela Van Esveld, in *Conjunctions: Body, Soul and Mind from Plato to Descartes*, Springer, History of the Philosophy of Mind Series, 2014.

*Brain Theory **, Palgrave MacMillan; *Vitalism and the scientific image in post-Enlightenment life science, 1800-201*, coedited with Sebastian Normandin, Springer, 2013. This has received a number of strong reviews including in *Notre Dame Philosophical Reviews* and *Studies in the history and philosophy of biology and biomedical science*.

*this contains a few historical chapters including one from Professor Stephen Gaukroger of the University of Sydney, but most pieces are in the philosophy of neuroscience.

Richard Yeo, Griffith

Richard has recently published *Notebooks, English Virtuosi, and Early Modern Science* (University of Chicago Press, 2014). See the attached link for publication details, including how to order a copy, [NBI YEO Notebooks English ~1.pdf \(498 KB\)](#)

David Miller, UNSW

'Was Matthew Boulton a Scientist? Operating between the Abstract and the Entrepreneurial', in Sally Baggott, Ken Quickenden and Malcolm Dick (eds.), *Matthew Boulton: Enterprising Industrialist of the Enlightenment* (London: Pickering & Chatto, 2013), pp. 51-65

'Attributing Creativity in Science and Engineering: The Discourses of Discovery, Invention and Breakthrough', in Janet Chan and Kerry Thomas (eds), *Handbook of Research on Creativity* (Cheltenham: Edward Elgar, 2013)

'The "Relocation" of Technology between East and West: Stationary Steam Engines and Steamboats in India in the early Nineteenth Century', in Sundar Sarukkai, Gordon McOuat and Jobin Kanjirakkat (eds), *Science and Narratives of Nature: East and West* (New Delhi: Routledge India, forthcoming)

Ian Hesketh, Queensland

Ian has recently published an article on "[The Story of Big History](#)," which considers the relationship between large-scale histories of human history and popular science writing.

Peter Harrison, Queensland

Professor Harrison's 2011 Gifford Lectures will be published as [The Territories of Science and Religion](#) by the University of Chicago Press in March 2015.

Leigh Penman, Queensland

"From the Archives of Scientific Diplomacy: Science and the Shared Interests of Samuel Hartlib's London and Frederick Clodius's Gottorf", with [Vera Keller](#) (University of Oregon), *Isis* (forthcoming, March 2015).

Dean Rickles, Sydney

A Brief History of String Theory, Springer, 2014.

<http://www.springer.com/physics/theoretical,+mathematical+%26+computational+physics/book/978-3-642-45127-0>

Joint editor with Karen Crowther, *Principles of Quantum Gravity. Studies in the History and Philosophy of Modern Physics* 46(B), 2014.

Joint editor with Maria Kon, *Flow of Time. Annals of the New York Academy of Science*. Volume 1326.

"Existential Risk and the Human (Bad) Attitude" in the Sydney Opera House's *Festival of Dangerous Ideas*. <http://goo.gl/kht9Ee>.

Adam Lucas, Wollongong,

Ecclesiastical Lordship, Seigneurial Power and the Commercialization of Milling in Medieval England, Ashgate, Farnham, 2014.

Jobs and Fellowships

University of Cambridge

Visiting Scholars

We are able to give the title Visiting Scholar to those who are already engaged in an academic career, and who are employed by a higher education institution. Such a person will normally have a PhD and will probably wish to come to Cambridge for part or the whole of a sabbatical leave to work on material available here in Cambridge. Anything from a month to a year is possible. Applications for longer than a year are rare, and special permission will be required.

Visiting Students

Visiting Students are postgraduate students who are pursuing doctoral research and have permission from their university to come to Cambridge to enrich their studies. Visiting Student status is given for one term in the first instance – Michaelmas (October–December), Lent (January–March) or Easter (April–June) – but you can apply to have your stay extended to a maximum of two terms.

If you are an undergraduate student wishing to spend some time here, you will have to apply directly to the College of your choice and ask them if they are willing to give you a place as an Affiliated Student. Each College will have its own quota for such students and its own fees. This process is nothing to do with the Department of History and Philosophy of Science and will have to be managed entirely by the applicant.

How to apply

- Please send a full curriculum vitae with a detailed covering letter stating why and for how long you wish to come to Cambridge.
- Please provide an outline of the research you propose to conduct while you are here.
- You must have a sponsor in the Department during your stay. To help us nominate such a person you should provide the name of the member or staff who you would most like to work with or whose interests have the greatest overlap with your own. Please see the **People** section of this website for further information on staff interests.
- You must provide a letter of recommendation from your supervisor or head of department stating the reasons why it would be helpful for you to spend time in Cambridge.

Send this information to:

Tamara Hug
Department of History and Philosophy of Science
University of Cambridge
Free School Lane
Cambridge CB2 3RH
UK

If you submit your application by email, please merge all the documents into a single PDF file.

Deakin University, Melbourne

A Science and Technology Studies-related Research Fellowship and PhD scholarship in the equity and distributional impacts of new battery technologies are available at Deakin University, Melbourne. The links are

<http://www.deakin.edu.au/arts-ed/centre-for-citizenship-and-globalisation/people/jobs>

<http://www.deakin.edu.au/study-at-deakin/scholarships-and-awards/research-degree-scholarships/aces-phd-scholarship-equity-and-distributional-impacts-of-new-battery-technologies>

Center for Philosophy of Science, University of Pittsburgh

<http://www.pitt.edu/~pittcntr/>

The Center is currently soliciting applications for Fellows for the US academic year 2015-2016 or one of its terms. The link is <http://www.pitt.edu/~pittcntr/Joining/joining.htm>.

For a sense of what it is like to be here, see my blog "Who Took the Last Donut?"

http://www.pitt.edu/~pittcntr/Being_here/last_donut/last_donut.htm

The Max Planck Institute Berlin

The Max Planck Institute for the History of Science in Berlin, Department II (Director: Lorraine Daston), announces two three-year Postdoctoral Fellowships, starting date **September 1, 2015**. Outstanding scholars no more than three years past the award of their doctorates are invited to apply.

Candidates are requested to send a curriculum vitae, publication list, certification of receipt of doctoral degree, research prospectus (maximum 750 words), and one sample text (e.g. a journal article, book chapter, dissertation excerpt; maximum 10,000 words). These materials must be submitted as one single PDF-document. Candidates should also arrange for two reference letters (one of which should be from the candidate's doctoral advisor) to be sent separately.

All application materials (including reference letters) must be submitted no later than **January 30, 2015 (23:58 CET)** to: https://s-lotus.gwdg.de/mpg/mbwg/pd_dep2_2014.nsf/application.

The Max Planck Institute for the History of Science in Berlin, Department II (Director: Lorraine Daston), announces one two-year Postdoctoral Fellowship, starting date **September 1, 2015**. Outstanding scholars no more than three years past the award of their doctorates are invited to apply.

Candidates are requested to send a curriculum vitae, publication list, certification of receipt of doctoral degree, research prospectus (maximum 750 words), and one sample text (e.g. a journal article, book chapter, dissertation excerpt; maximum 10,000 words). These materials must be submitted as one single PDF-document. Candidates should also arrange for two reference letters (one of which should be from the candidate's doctoral advisor) to be sent separately.

All application materials (including reference letters) must be submitted no later than 1 March, 2015 (23:58 CET) to: https://s-lotus.gwdg.de/mpg/mbwg/pd_dep2_2015.nsf/application

Conferences

Feminist Perspectives on Medical Bodies

You are invited to a symposium hosted by the Legal Intersections Research Centre, the Feminist Research Network and the Forum on Human Rights Research.

- Date: 20 February 2015
- Time: 9.00 – 5.30
- Location: 24.102
- RSVP: Online

The ways in which bodies are being modulated in biomedicine continue to proliferate, for example through surgery, assisted reproduction, genetic therapies and transplantation. As evidenced by the growing literature on biopolitics of biomedicine, this has important implications for the ways in which certain lives are normalised/ pathologised, and regulated. Certain bodily functions/capacities are being enhanced, supplemented and others disallowed. Race, gender, ability, and species hierarchies and identities continue to be (re)produced in new and important ways through these bodily technologies. Acts of violence against bodies (particularly already marginalised bodies) can become possible and permissible through medical and scientific practices and discourses. Through engagement with feminist theory, presenters will interrogate the multiple ways in which medical and scientific contexts are sites for the production of particular kinds of bodies which can be subject to regulation and interventions, and explore the place of ethical, institutional, legal and policy dimensions in the possibilities and limitations of these medical bodies. Presenters will engage with the theme through a broad range of contemporary examples including animal to human transplantation, vaginal cosmetic surgery, preimplantation genetic diagnosis, breast reconstruction, sterilisation and in vitro fertilisation.

KEYNOTE SPEAKERS

Professor Catherine Waldby, Professorial Future Fellow, Department of Sociology and Social Policy, University of Sydney, '20th Century Oöcytes: Experiment and Experience'

Professor Isabel Karpin, Faculty of Law, University of Technology Sydney, 'The Gendering of Disability: Sex Selection for "risk reduction" '

Other guest speakers include: Professor Vera Mackie (UOW), Associate Professor Sarah Ferber (UOW), Associate Professor Catherine Mills (Monash), Associate Professor Andrea Whittaker (Monash), Dr Nicola Marks (UOW), Dr Nadine Ehlers (UOW), Dr Linda Steele (UOW), Dr Macarena Iribarne (Independent scholar), Rachel Carr (PhD candidate, USYD) and Zoe Barker (PhD candidate UOW).

Further details, including abstracts and program visit lha.uow.edu.au/law/LIRC/events

The Australian and New Zealand Society of the History of Medicine, 2015

The Australian and New Zealand Society of the History of Medicine will hold its 14th Biennial Conference in Sydney from Tuesday 30th June to Friday 3rd July 2015, with an additional tour day on Saturday 4th July. It is with great excitement that we welcome the International Society for the History of Medicine in joining us in Sydney for this conference. The 2015 ISHM Meeting in Sydney will be the 8th ISHM Meeting.

The venue for the conference will be at The Australian Catholic University campus at North Sydney and the format will resemble the arrangements developed during the Society's many highly successful previous conferences. Features will be a series of plenary sessions with lectures by distinguished international and local speakers, a witness seminar that will focus on changes in the administration of health services over the past 50 years, and many concurrent sessions at which researchers can present their original work.

Keynote Speakers include:

Dr Simon Chaplin - Head of the Wellcome Library, London

Prof Linda Bryder - Professor of History, University of Auckland

Prof Stephen Garton - Professor of History and Provost, University of Sydney

The submission deadline is Monday 9 February 2015.

To view the conference website visit

<<http://stats.dccconferences.net.au/linkstatistic.aspx?LID=1548&CID=961>>.

The Biennial Asia-Pacific STS Network

This conference will take place in Kaohsiung, Taiwan, October 2nd-4th 2015.

From the Archives

The inaugural edition of *Metascience* dedicated to Ian Langham

2

3

This inaugural volume of *Metascience*
is dedicated to the memory of
IAN LANGHAM, 1942-1984

'Vivitur ingenio, caetera mortis erunt.'
— Vesalius, *De Humani Corporis Fabrica*

Introduction to *Metascience*

Metascience is a review devoted to all aspects of the cultural and social study of science. It is a natural outgrowth of the interests of its sponsoring body, The Australasian Association for the History, Philosophy and Social Studies of Science (AAHPSSS).

From its origin as an association devoted to pursuing the academic interests of the new University departments of history and philosophy of science in post-war Australia and New Zealand, the organization has expanded its scope over the years to encompass more recent developments in such fields as the sociology and anthropology of science, science policy, and studies of science and technology in society, without losing sight of its original reason for existence. This has not always been an easy task; but it is an essential one if the Association is to retain the allegiance of scholars interested in a wide range of theories about the nature of science, who favour a variety of approaches to the empirical study of science and who represent a variety of disciplinary niches in academia.

It is intended that *Metascience* should serve the needs of this broad spectrum of scholarship by reviewing developments in the various areas of academic endeavour concerned with the study of science and by encouraging the critical assessment of these developments through informed discussion and debate. To that end, the series will commission more essay reviews and publish more material designed to be didactic, than may be the case with more conventional academic journals. Further suggestions as to how this goal may be achieved are welcomed.

The first number of *Metascience* is a special issue arising out of an AAHPSSS Conference which took as its theme the question of the value of the sociology of knowledge for the study of science. In addressing this question in their various ways, all the papers included here serve the overall purpose of *Metascience*: to review particular developments in the study of science and to explore how they might be relevant to the concerns of the different members of the 'metascientific' community.

LYNDsay A. FARRALL
Immediate Past President
AAHPSSS

Editorial

The appearance of this inaugural volume of *Metascience* after so many months of preparation is both a pleasant and solemn event. The solemnity of the occasion is due to the fact that with the publication of this volume, the Australasian Association for the History, Philosophy and Social Studies of Science honours the memory of Ian Langham, one of the co-founders of the *Metascience* project, whose *éloge* may be found on page 70 below. Without Ian's enthusiasm and initiative, it is unlikely that this project would have developed beyond the stage of wishful thinking. And now that we have in our hands the first fruits of this project, we are reminded all the more keenly of how great a loss the Association has suffered with Ian's death.

The occasion of this publication, however, is also a pleasant one insofar as it represents an important step in the professional development of the history, philosophy and social studies of science in the Australasian region. The inauguration of an annual scholarly review, fully refereed and internationally distributed, marks on the one hand the professional 'coming of age' of the metascience disciplines in Australia and New Zealand, and on the other hand their recognition that a multidisciplinary perspective on science offers valuable insights denied to any single speciality.

The present volume of *Metascience* is a double issue, which allows us to publish a collection of material derived from papers delivered at the Association's conference on the value of the sociology of knowledge for the study of science. It is anticipated that future volumes of *Metascience* will draw heavily upon papers presented at major academic conferences in the Australasian region, but contributions from other sources, both local and foreign, are welcome. In addition, as Lyndsay Farrall notes in his introduction to this series, the commissioning of discussion papers and critical reviews is also planned.

In closing, the Series Editor wishes to acknowledge the assistance of a number of people whose generous efforts have helped to make *Metascience* a reality: Lyndsay Farrall, who served as co-editor of this inaugural volume; Terry Stokes, David Turnbull and John Schuster, whose editorial assistance to Lyndsay and myself was invaluable; and Elwyn Watkins and Bernadette Golding, who helped with a variety of production tasks.

W. R. ALBURY
Series Editor
Metascience

The Ian Langham Bursaries and Prize

Recipients of the Ian Langham Bursary

Sahar Tavakoli (University of Sydney)
Kathryn Ticehurst (University of Sydney)
Katia Wilson (University of Melbourne)
Sophie Ritson (University of Sydney)
Chris Hesselbein (Cornell University)
Ian Lawson (University of Sydney)

Winner of the 2014 Ian Langham Prize

Sahar Tavakoli (University of Sydney)

Sahar writes that she is “in the process of completing my master’s degree with the department of History and Philosophy of Science at the University of Sydney. My supervisor is Hans Pols. I received Bachelor of Science degree (majoring in microbiology) from USyd and completed my honours in the department of History and Philosophy of Science, again under the supervision of Hans Pols. I worked in diagnostic microbiology in the public health network of New South Wales during the completion of my degree.”

A shortened version of Sahar’s prize paper follows.

The Ian Langham Prize

Prize Essay

Professor of English and literary critic J. Hillis Miller explains, “Though I am not Prince Hamlet nor meant to be, I am not really an English professor either. I have been forced to become one by surrounding social circumstances and by playing at being an English professor for so long that it finally has come to seem like what I really am, at my heart’s core”¹. (Miller, 2007, p. 225)

What is found in Miller is the recognition that our external character is not necessarily ours alone. An English professor is far from a natural kind, it is an acquired position: its meaningfulness, its connotations are all built upon further meanings and connotations. While the individual most certainly possesses some sense of self, the means by which they are able to define themselves, or are capable of being defined by others is often less individually determined. What we glean from Miller, in short, is recognition of performative actions – those actions and values that produce events, as well as the explanatory basis that provides those events with some form of meaning. (Derrida, 2000, p. 467)

Recent sociological and historical scholarship has emphasised the interplay between action and identity. Notions of scripts, material performativity, and agency highlight that the relationship between users, technologies and reception is one that is dynamic in nature. Using combined approaches from the History of Science and Science and Technology Studies, this paper explores the various means by which identities of individuals or groups can be altered by technologies and artefacts; identities that exist in the eye of the technological user, through social perception, or in self-perception.

Within the Sociology of Science the concepts of materiality and society are considered mutually constitutive. Social context determines, in part, the usage of a technology while the materiality of the technology itself might have unexpected consequences. Here a single technology will be used as the diving board for a deeper investigation of these two positions, while simultaneously exploring the ways in which individual identities and perceptions of the self are altered through technology.

The artefact in question, the patient-worn, back-tying patient gown, is one rendered near invisible by its own ubiquity, and an artefact that has experienced little, if any redesign in the last half century. The gown is also an artefact common all public hospitals in the New South Wales health network. In selecting this artefact for evaluation, the paper also argues in favour of investigations of mundane technologies, and in particular mundane technologies within the clinical sphere. Such technologies play an instrumental role in assigning behavioural repertoires to individuals within social hierarchies and authoritative structures.

Clinical settings are frequently viewed as sites of high technology despite the dense use of many more mundane forms of technology, such as beds, wheelchairs, uniforms, bandages, charts, clipboards, thermometers, and so forth.¹ (Locsin, 1995, p. 201, Cooper, 1993, p. 24) Nonetheless, what will be argued here is that mundane technologies, such as the hospital gown, can be, and are, utilised in the construction of a particular kind of patient primed for a particular kind of engagement. The hospital

¹ Locsin argues that patient satisfaction “is often associated with the competent management of machinery” while simultaneously arguing that the technologies at hand are complex machine technology. Similarly, Cooper states that hospital settings are “inescapably distinguished and defined by technology”.

gown provides a unique viewing position to social, and specifically, clinical hierarchies due to the parallels that can be drawn to everyday actions. Clothing and dressing is an action of everyday life. In the subversion of this process we can find significant challenges and changes to everyday behaviours.

Using data collected through interviews with patients and medical staff, this paper asks how hospital gowns have ascribed particular performative roles to a set of individuals, as well as how such influence contributes to a larger authoritative structure within nosocomial care. This is in keeping with the kinds of punitive hierarchies identified by Foucault, while borrowing notions of scripts and performance from Latour, Akrich and Goffman. These questions contribute to a larger, overarching debate on what the potential ends of such an alteration to individual perception may be and whether such influence on the individual is in the interests of, or in detriment to the patient at hand.

What is shown at the conclusion of this paper is that the patient worn gown does significantly alter individuals' responses and reception to health care. Hospital gowns, then, not only dress patients, but also form patients by placing them in the hallmark of an individual in receipt of a particular kind of action in a particular setting, and responsible for a particular set of limited actions. A consequence of the formation of embarrassed bodies is the simultaneous formation of docile bodies, primed for treatment and, optimally, recovery of health. Nonetheless, the paper does not attempt to argue is whether such processes are just, rather, that the transformation of individuals into patients is a required step in the delivery of health treatment in the system of healthcare that presently exists.

It is worthwhile to note that specific artefact here could be substituted for any number of mundane artefacts in the clinical sphere, most particularly gurneys, and other wheeled devices for transporting able-bodied patients. It is the props of medical care, rather than the more sophisticated technologies of medical care, that set the scene for the interactions that follow.

The conclusions drawn from this paper are not limited to understanding of mundane artefacts. Investigating the patient gown also contributes to theories of materiality, technology, and, user studies. While the gown provides a means of accessing patient bodies for treatment, the means by which this takes place is significantly more complex than the generous opening on the patient's posterior.

Referenced Texts

Cooper, Mary. "The Intersection of Technology and Care in the ICU. : Advances in Nursing Science." *Advances in Nursing Care* 15, no. 3 (March 1993): 23–32. p. 24.

Derrida, Jacques. "Performative Powerlessness: A Response to Simon Critchley." *Constellations* 7, no. 4 (December 1, 2000): 466–68. doi:10.1111/1467-8675.00202.

Locsin, Rozzano C. "Machine Technologies and Caring in Nursing." *Image: The Journal of Nursing Scholarship* 27, no. 3 (September 1, 1995): 201–3. p. 201.

Miller, J Hillis. "Performativity as Performance/Performativity as Speech Act: Derrida's Special Theory of Performativity." *South Atlantic Quarterly* 106, no. 2

AGM 2014
*Australasian Association for the History, Philosophy and Social Studies
of Science (AAHPSSS)*
Minutes of the Annual General Meeting (AGM)

17 July 2014

The Mountain Heritage Hotel, Lovel Street, Katoomba, NSW

Present:

J A Schuster, Alex Holcombe, Adam Lucas, David Mercer, Katia Wilson, Ruth Barton, David Miller, Julie Davies, Warwick Anderson, Ofer Gal, Daniella Helbig, William P Palmer, Ian Wills, Keith Hutchison, Dean Rickles (President), Luciano Boschiero (Treasurer), Kristian Camilleri (Vice President).

Apologies:

Nicola Marks

The meeting opened at 5:20 pm.

1. Election of the new Executive

The outgoing President reported that the Executive had appointed a Nominating Committee consisting of Ofer Gal and David Miller to propose a new Executive.

The Nominating Committee proposed the following for 2014-2015:

- President: Kristian Camilleri
- Vice President: Nicola Marks
- Treasurer: Luciano Boschiero
- Vice President (communications): John Wilkins

John Schuster commended the outgoing Executive for its excellent work and good management and moved expression of thanks.

Resolved:

1. The meeting unanimously accepted the proposed office holders.
2. The incoming President, Kristian Camilleri, proposed a vote of thanks to the outgoing president, Dean Rickles. Carried unanimously.

3. The meeting unanimously thanked the outgoing executive for its excellent work and good management.
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2. Treasurer's report

The Treasurer distributed a summary of the Association's finances. He noted that, as of the date of this AGM, the finances are in very good shape, with expenditures modest and revenue good.

The Katoomba conference had about 35 attending.

There are currently about 30 financial members of the Association.

Resolved:

1. That the Executive pay the Conference venue hire deficit, budgeted at \$4500.
-

3. Next Conference

Arrangements for the next conference were discussed.

Kristian Camilleri, as representative of the University of Melbourne, advised that that University had provisionally agreed to host the next Conference.

There was discussion, unresolved, about the possibility of the 2018 Conference being held in New Zealand.

Resolved:

1. In accordance with a resolution passed at the 2013 AGM, that Conferences be biennial, the next conference will be held in 2016.
 2. That the University of Melbourne offer be accepted subject to its provisional nature.
 3. That the AAHPSSS Executive appoint an organising committee for the 2016 conference, members of which need not necessarily be members of the Executive.
-

4. Newsletter

Luciano Boschiero resigned as editor and proposed that the Executive appoint a new editor.

Kristian Camilleri thanked Luciano Boschiero for his efforts on newsletter and work in organising the 2014 Conference.

Resolved:

1. That the Executive appoint a new Newsletter editor.

5. Other business

a) Dyason Lecture

Luciano Boschiero proposed that the Dyason Lecture continue to be held annually.

Resolved:

1. That the Dyason Lecture continue to be held annually.
2. That the possibility be investigated of the Dyason Lecture being held in conjunction with other events in non-conference years.
3. That the Lecture be promoted more widely as a means of improving knowledge of the existence of AAHPSSS.

b) Promotion of AAHPSSS

There was general discussion about ways of promoting AAHPSSS and of telling other associations that AAHPSSS is "open for business".

Resolved:

1. That the Executive compile a list of other associations to approach and develop links with them.

c) David Oldroyd

David Miller advised that David Oldroyd, a much-loved and admired colleague and long-term contributor to AAHPSSS was in poor health. Flowers were sent to David Oldroyd on behalf of AAHPSSS prior to this meeting.

d) Langham Prize

It was noted that, as the conference still had a day to run the winner could not be announced at the Conference.

Resolved:

1. That the winner of the 2014 Langham Prize be announce in the next AAHPSSS Newsletter.

e) Incorporation

The executive advised that they were still investigating incorporation of AAHPSSS.

Resolved:

1. That the Executive continue to pursue incorporation.

f) Next AAHPSSS AGM

Resolved:

1. The 2015 AGM will occur in conjunction with the 2015 Dyason Lecture at a date, time and place to be determined by the Executive.

The meeting closed at 5:50 pm.

Become an AAHPSSS member now

Membership of the Association is \$40 for ordinary membership and \$20 for concessional membership.

Funds may be transferred electronically to the Association's bank account:

Account Number: 041 336 133

Account Name: AAHPSSS

Payee Reference: Your name

OR

Visit the [AAHPSS website](#) and follow instructions for PAYPAL

To confirm your registration, also advise the Treasurer, Luciano Boschiero, by email (l.boschiero@campion.edu.au).

AAHPSSS membership entitles you to the following:

- bi-annual newsletter containing reports and information about developments in the field, including AAHPSSS activities, departmental news, jobs and fellowships, new book publications, as well as archived articles from old newsletters and Metascience;*
- discount on AAHPSSS conference registration;*
- subscription to the AAHPSSS mailing list;*
- discount on Taylor & Francis journals Annals of Science, History and Technology, and Science as Culture;*
- free access to Metascience, an international reviews journal for the history, philosophy and social studies of science*

Note from the Editor

To receive the next e-newsletter, due to be published in June 2015, you must be a registered member of AAHPSSS. You can join by contacting the Treasurer Luciano Boschiero at l.boschiero@campion.edu.au.

On behalf of the executive of the Association (below) I should like to thank scholars, students and staff in Australia and New Zealand who have cooperated in the production of this newsletter. I should also like to offer special thanks those scholars overseas who generously gave their time to contribute material for inclusion in this newsletter.

President:	Dr. Kristian Camilleri
Vice-President:	Dr. Nicola Marks
Treasurer:	Dr. Luciano Boschiero
Regional Rep, New Zealand:	Dr. Clemency Montelle
Regional Rep, Asia:	Dr. Nicola Marks
Regional Rep. Europe:	Dr. Gerhard Weisenfeldt
Media and Publicity Officer:	Dr John Wilkins
Editor:	Dr Alan Salter