

Commuiqué

SOCIÉTÉ CANADIENNE D'HISTOIRE ET DE PHILOSOPHIE DES SCIENCES

CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF SCIENCE

N° 74

Autumn/Automne 2009

CSHPS-SCHPS

Appel de Textes / Call for Abstracts

Congrès des Sciences Humaines (FCSH)
l'Université Concordia, du 28 au 30 mai 2010

English follows

Le comité de programme invite les historiens et philosophes des sciences, ainsi que tous les chercheurs œuvrant dans des domaines connexes, à soumettre une proposition de communication, de séance ou de table ronde. Les propositions de communications peuvent être en français ou en anglais. Les propositions de communication individuelle doivent comprendre un titre, un résumé de 150 à 250 mots et l'adresse entière de l'auteur. Les propositions de séance ou de table ronde sont aussi les bienvenues. En plus du titre et des résumés de chacune des contributions, elles devront indiquer le titre de la séance, ainsi que l'adresse complète de l'organisateur de la séance. Les sessions bilingues (avec certaines communications en français et d'autres en anglais) sont aussi encouragées. Seules les propositions soumises par courriel seront considérées. Toutes les propositions seront évaluées à l'aveugle (les informations de contact devront donc être dans un document distinct).

Étant une société bilingue, des efforts pour encourager une participation diversifiée, bien que non obligatoires, sont appréciées (par ex. une communication en français pourrait être accompagnée d'un powerpoint en anglais, ou vice-versa).

...continued on page 2

Reflections of a Technoscience Recruit: A Year-in-Review for The Technoscience Salon *by Sarah Tracy, University of Toronto*

It is my third week as resident of the city of Toronto, a mecca of intellectual exchange and social relevance for a budding intellectual raised on Maritime transparency and marginality. Potluck offering in tow, I am present—physically, at least—for the first instalment of a year-long programme of what are, as I am told by the cerebral paragon that is My Advisor, “technoscience salons.”

The common room at the University of Toronto’s New College, furnished circa 1982, is apparently too small. There seems a nagging shortage of chairs. None daunted, September spirits are high. Buffet grazing is in full gear. Wine bottles are emptying. I have just mistaken a junior faculty member for a fellow graduate student. My social conquest of this land of interdisciplinary intelligentsia is nearly complete.

The evening progresses. “Mixers” are followed by “stirrers.” Objects range from mega-church amphitheatres to Latin American postcards dating from the 1970s. Confident that I am witness to a special strategy for approaching a sexily apropos theme—“Affect meets Capital”—I congratulate myself for grasping one in four comments. It is difficult to stem the conversation. I am overwhelmed by intellectual possibility—and consoled by more than a little red wine.

...continued on page 19

COMMUNIQUÉ

Newsletter of the
Société canadienne d'histoire et de philosophie des sciences/Canadian Society for the History and Philosophy of Science

N° 74
Autumn/Automne
2009

www.cshps.ca www.schps.ca

Please direct submissions and inquiries to Sofie Lachapelle or Aryn Martin, preferably by email (details below). Please note that submissions should be sent in both official languages. The editors are grateful to York University for assistance in printing and mailing costs, and to the University of Guelph for providing the necessary software.

Co-editors:

Aryn Martin
STS Program and Sociology
York University
aryn@yorku.ca

Sofie Lachapelle
Department of History
University of Guelph
slachap@uoguelph.ca

CSHPS-SCHPS Executive:

President: Richard Arthur (McMaster)
Past-President: Gordon McOuat (Kings)
First Vice-President: Kathleen Okruhlik (UWO)
Second Vice-President and Corresponding
Secretary: Joan Steigerwald (York)
Secretary-Treasurer: Andrew Reynolds (CBU)

Il est nécessaire d'être membre de la SCHPS pour faire une conférence. Il est toujours possible de soumettre une proposition et de joindre la société avant de participer au congrès.

La SCHPS décerne un prix (le prix Richard Hadden) pour le meilleur texte d'étudiant ou d'étudiante présenté au congrès. Pour informations, visitez <http://www.yorku.ca/cshps1/HaddenPrize.htm> Sachez que les candidats au concours devront envoyer par courriel une copie de leur article (qui n'a pas à être identique à celui présenté lors du congrès) au moins 3 semaines avant le début du congrès.

L'adresse de courriel pour les propositions: program.cshps@gmail.com (s.v.p. utiliser le format MSWord ou rtf pour les pièces jointes).

Date limite de soumission: 15 janvier 2010.

Pour plus d'informations sur la SCHPS, consultez le site web: <http://www.yorku.ca/cshps1/>. Les informations concernant les frais d'inscription et les possibilités d'hébergement se trouvent sur le site web de la FCSH: <http://www.fedcan.ca/>.

Nous vous rappelons que le congrès de la SCHPS a habituellement lieu en même temps que celui de nombre de sociétés membres de la FCSH, dont, cette année, la Société historique du Canada, l'Association canadienne de philosophie, Société canadienne de sociologie, l'Association pour l'histoire de la science et de la technologie au Canada, l'Académie canadienne de études sur les femmes, l'Académie canadienne d'études environnementales, et la Société canadienne de philosophie continentale. Le comité d'organisation de programme de la SCHPS encourage les propositions de séances conjointes avec ces sociétés.

Comité de programme/ (2009-2010)
Frédéric Bouchard (Université de Montréal) – Chair/
président f.bouchard@umontreal.ca
Ian Stewart (University of King's College) ian.stewart@ukings.ns.ca
Marga Vicedo (University of Toronto) marga.vicedo@utoronto.ca

CALL FOR ABSTRACTS: CSHPS

The Canadian Society for the History and Philosophy of Science (CSHPS) is holding its annual conference as part of the Congress of the Humanities and Social Sciences (CFHSS) at Concordia University, Montréal, Québec, 28–30 May 2010.

The program committee invites historians and philosophers of science, as well as scholars from any field whose work relates to history and philosophy of science, to submit abstracts for individual papers or proposals for sessions.

Submissions may be in English or French. Individual paper submissions should consist of a title, a brief abstract of 150-250 words, and complete contact information for the author. Session proposals are also encouraged and should consist of a session title, titles and brief abstracts for each paper, and complete contact information for the session organizer. Bilingual sessions (with some papers in French and others in English) are also welcome. Proposals will be accepted by e-mail only. All submissions will be blind refereed (therefore, all contact information need to be in a separate document).

As a bilingual society, efforts to broaden participation, while not necessary, are appreciated (e.g. a presentation in English could be accompanied by a powerpoint in French, and vice-versa).

It is required to be a member of CSHPS in order to present a paper at the conference. Individuals whose papers have been accepted will be requested to join CSHPS for a modest membership fee.

CSHPS offers a book prize (the Richard Hadden Award) for the best student paper presented at the meeting. Details of this prize can be found at: <http://www.yorku.ca/cshps1/HaddenPrize.htm> Those wishing to be considered should be advised that a copy of the paper they wish to be considered (which need not be identical to that delivered at the Congress) will need to be submitted by e-mail three weeks prior to the Congress.

E-mail address for submissions: program.cshps@gmail.com (MSWord or rtf attachment preferred).

Deadline for submissions: 15 January 2010.

For more information about CSHPS, please consult our website: <http://www.yorku.ca/cshps1/>. Information about Congress registration and accommodation can be found (in due course) at the CFHSS website: <http://www.fedcan.ca/>.

Please note that the CSHPS meeting overlaps with the meeting dates of a number of other member societies of the CFHSS, which this year includes the Canadian Historical Association, the Canadian Philosophical Association, the Canadian Sociology Association, the Canadian Science and Technology Historical Association, the Canadian Women Studies Association, the Environmental Studies Association of Canada and the Canadian Society for Continental Philosophy. The CSHPS program committee welcomes suggestions for joint sessions with these and other societies.

Programme Committee (2009-2010)
 Frédéric Bouchard (Université de Montréal) – Chair/
 president f.bouchard@umontreal.ca
 Ian Stewart (University of King's College) ian.stewart@ukings.ns.ca
 Marga Vicedo (Toronto) marga.vicedo@utoronto.ca

UPDATES ON STS-HPS IN CANADA

BROCK UNIVERSITY

Elizabeth Neswald spent the winter as scholar-in-residence at the Max Planck Institute for the History of Science, where she conducted research for her CIHR-funded project on the early history of nutritional physiology. She gave papers on this project in the research colloquiums at MPI, the University of Oldenburg and Frankfurt University. She also gave a paper at the International Congress for the History of Science and Technology in Budapest on “Calorimetry and the social question” and one in Dublin on medical identities and the water cure in mid-nineteenth century Ireland at the conference of the Society for the History of Nineteenth-Century Ireland. She has an article on the cultural history of entropy and a book chapter on living objects in physiological experiments currently in press in Germany. In August she participated in the fantastic Summer Institute “Reading Artifacts” organised by the Canada Museum of Science and Technology and supported by the Situating Science Cluster. And her tenure and promotion application was approved in the spring.

QUEEN'S UNIVERSITY

Donald Forsdyke, of the Department of Biochemistry at Queen's University, gave an invited lecture on "William Bateson's Contributions to Evolution Theory" as part of the History of Genetics Day held at the John Innes Centre (UK) on 9th September. This marked the centenary of the founding of the John Innes Horticultural Institute (of which Bateson was the first director). The lecture showed how Bateson developed the evolutionary ideas of Darwin's research associate, George Romanes, who was born in Kingston, Ontario, in 1848. Videos of lectures may be viewed at <http://www.jic.ac.uk/centenary/events/historyofgenetics/index.htm>. Forsdyke also gave an invited lecture at a special meeting on William Bateson organized by the Galton Institute held on 1st October at the Royal Society (see <http://www.galtoninstitute.org.uk/>).

In the past year, **Daryn Lehoux** has given talks at Columbia University, the University of Southern California, the University of Toronto, the University of Manchester, St Andrews, Brock University, and Caltech, as well as at the Budapest ICHST meeting. His book manuscript, *What Did the Romans Know?*, has just been accepted for publication by the University of Chicago Press and should be out in early 2011.

UNIVERSITE D'OTTAWA

Jean-Louis Trudel gave a paper, "The World of Tomorrow as Reality and Menace", at the 8th biennial conference of the Association for the Study of Literature and Environment in June at the University of Victoria. En juin dernier, Jean-Louis Trudel a participé au huitième congrès biennal de l'association pour l'étude de la littérature et de l'environnement à l'Université de Victoria, où il a livré une communication intitulée « The World of Tomorrow as Reality and Menace ».

UNIVERSITY OF ALBERTA

In the February 2009 Journal for the History of Astronomy **Robert Smith** published the third of three connected review papers on the history of galactic and extragalactic astronomy from the late nineteenth century to the middle of the twentieth century, and his *The Expanding Universe: Astronomy's 'Great Debate' 1900-1931* will be issued in paperback by Cambridge University Press in 2010. 2009 marked the International Year of Astronomy, a date chosen to celebrate Galileo's first telescopic observations. In January, Robert gave a public talk on the invention of the telescope and Galileo's early

use of the device at the Telus World of Science Edmonton, and in the course of 2009 he also delivered three linked lectures on the history of the telescope to the Edmonton Branch of the Royal Astronomical Society of Canada. He also spoke on nineteenth century observatories to the Fifth Laboratory History Conference, this year held at The Johns Hopkins University, as well as gave two presentations on the history of space astronomy at the Biannual Workshop on the History of Astronomy at Notre Dame and the International Congress of the History of Science and Technology in Budapest. In November, he gave a presentation on the history of Hubble Space Telescope at the Smithsonian Institution in Washington DC in connection with the transfer to the National Air and Space Museum of two of the scientific instruments returned from the orbiting telescope by the space shuttle astronauts who flew the repair mission to the telescope in May 2009.

UNIVERSITY OF GUELPH

Sofie Lachapelle has published "Science on Stage: Amusing Physics and Scientific Wonder at the Nineteenth-Century French Theatre" in the September 2009 issue of *History of Science*. She participated in a workshop on Performing Science at the University of Pennsylvania in July. She continues with her project "Science on Stage: Recreational Physics, White Magic and Scientific Wonder in Nineteenth-Century France."

UNIVERSITY OF MONTREAL

Yvon Gauthier is announcing two papers to be published shortly: Classical Function Theory and Applied Proof Theory in "International Journal of Pure and Applied Mathematics" and Hermann Minkowski: From Geometry of Numbers to Physical Geometry in a forthcoming volume of essays "Minkowski Spacetime. A Hundred Years Later" edited by V. Petkov in the Series Fundamental Theories of Physics, vol. 165, Springer 2010. He has two books forthcoming at PUL (Presses de l'Université Laval): "Logique arithmétique. L'arithmétisation de la logique" and "Hegel. Introduction à une lecture critique". He is also launching a new collection at PUL under the title "Logique de la science".

UNIVERSITY OF TORONTO

The IHPST welcomed ten new graduate students this year: five into the direct-entry PhD; three into the MA; one into the part-time MA; and one as a special (non-degree) student. It is once again a wonderfully diverse group, with interests covering topics in the history and

philosophy of physics, biology, medicine, and science and religion, from the medieval period to the present. They join our incredibly dynamic graduate society (HAPSAT), which in May hosted its fifth annual conference, "Evidence in Context", featuring a keynote lecture by Kathleen Okruhlik (UWO), and whose online, peer-reviewed journal *Spontaneous Generations: A Journal for the History and Philosophy of Science* will shortly present its third annual issue entitled "Epistemic Boundaries". Several new initiatives are in the works at the Institute, including a revamped Colloquium, a series of Symposia featuring international guests taking part in special one-day workshops, and numerous other events throughout the year. For all the latest, visit our website at www.hps.utoronto.ca.

Joseph Berkovitz spent a very enjoyable and fruitful year at the Centre for Time, Department of Philosophy, University of Sydney, and the IHPST, Paris, working on the philosophy of physics, philosophy of probability and decision theory. He organized together with Philippe Huneman a 3-day Workshop on Probability in Biology and Physics at the IHPST, Paris. His recent presentations are "On Predictions in Retro-causal Interpretations of Quantum Mechanics", "The World According to De Finetti: A Study of the Application of De Finetti's Subjective Probability Interpretation to Quantum Mechanics", "The Propensity Interpretation of Probability – Reply to Critics", "Newcomb's Problem: A Dilemma for Decision Makers" and "On Economics and Ideology".

Anjan Chakravartty's recent work on philosophical aspects of scientific modelling has produced some publications and works in progress (see individual.utoronto.ca/anjan), and some preliminary reflections on the metaphysics of science will appear shortly in *New Waves in the Philosophy of Science* (Palgrave MacMillan). Highlights of enjoyable travels included a plenary talk at the annual meeting of the British Society for the Philosophy of Science in Norwich, and a series of lectures in Mexico City on scepticism and scientific knowledge. Anjan's first book, *A Metaphysics for Scientific Realism: Knowing the Unobservable* (Cambridge University Press; paperback appearing this fall) won the biennial Canadian Philosophical Association Book Prize, and he has recently become the Director of the IHPST.

Lucia Dacome completed a EU Marie Curie fellowship

at the Centre A. Koyré, CNRS, in Paris, where in June she co-organized with Jeanne Peiffer a workshop on Gendering the Biographical in the History of the Sciences and presented her work on Anna Morandi Manzolini and Marie Marguerite Bihéron. In May, she presented a paper on the history of the image of the weigh-watching Sanctorius (which currently appears on the opening page of the CSHPS web-site) at the symposium Food and Medicine, 1650-1820, held at the Wellcome Trust Centre for the History of Medicine at UCL, as well as the paper "Juggler' or 'Philosopher'? Inspiration, Fabrication and the Pursuit of Reputation in Eighteenth-Century Naples" at the conference Making Science: Inspiration and Reputation, 1400-1800, which took place at the Huntington Library. At the end of July she traveled to Budapest to give a paper at the XXIII International Congress of History of Science and Technology. Together with Renata Peters (from the Institute of Archaeology, University College London), she published the article "Fabricating the Body" in the Proceedings of the Objects Specialty Group Session, 35th Annual Meeting of the American Institute of Conservation.

Janis Langins delivered a paper at CSHPS in May 2009 titled "L'Esprit de syst'me and the Esprit systématique at War: Vauban's Theories of Fortification and Vauban's Disciples" and a paper at the ICOHTEC meeting in Budapest in July 2009 titled "Engineers and Conservatives in the Creation of State Hydroelectric Power in Canada". She has written "Vauban," an article for The Blackwell Encyclopedia of War (John Wiley) (In Press) and a review of Martin, Thierry and Mich le Virol, Vauban, architecte de la modernité? [Besan on]: Presses universitaires de Franche-Comté, 2008 in Technology and Culture (In Press).

This past year, **Sarah Scharf** has been working as a medical market researcher, interviewing surgical device manufacturers about their products (something completely different from what she was doing in academia) but she is also working on several academic articles and book reviews. She has some fun solving a mystery presented to her by a researcher in Belgium, who needed identification and explanation of a botanical classification depicted in a painting in the University of Ghent's archives. She is also waiting to hear back from two granting agencies about whether her collaborators on two different projects and she will receive funding: the first would use some 19th-century

American botanical texts as the source material for a computational linguistic analysis of influence detection, and the other one involves the writing and editing of historical scientific information for a web site aimed at the general public.

Since January 2009, **Mark Solovey** has made four conference presentations: July 2009 “Somewhat Known But Not Known Well: Sociologist Harry Alpert’s Travels in American Social Science.” XXIII International Congress of History of Science and Technology, Budapest, Hungary; May 2009 “The Marginal Revolution: The Place of Economics within the Behavioral Sciences Movement in Mid-20th Century America,” Conference on Economics as a Social Science since 1945, Duke University, Durham, North Carolina; May 2009 “Somewhat Known But Not Known Well: Sociologist Harry Alpert’s Travels in American Social Science,” Joint Session, Annual Meetings of the Canadian Society for the History and Philosophy of Science and the Canadian Sociological Association, Ottawa, Canada; and in April 2009 “Challenge to the U.S. Cold War Science Establishment: Senator Fred Harris’s Effort to Create a National Social Science Foundation,” Annual Organization of American Historians Conference, Seattle, Washington. Mark has organized three Conference Sessions. In July 2009, he was the co-organizer of the Multiple-Session Symposium “Cold War Social Science,” for the XIII International Congress of History of Science and Technology, Budapest, Hungary. In May 2009, he co-organized the Session: “Examining the Public-Political-Academic Nexus in North American Sociology, 1930s-1990s,” a Joint Session at the Annual Meetings of the Canadian Society for the History and Philosophy of Science and the Canadian Sociological Association, Ottawa, Canada. In April 2009, he organized the Session: “Revisiting the Uneasy Partnership Between Social Science and the Nation State, from New Deal to Cold War,” for the Annual Organization of American Historians Conference, Seattle, Washington.

Leslie Tomory recently finished his PhD at the University of Toronto on the origins of the gaslight industry 1780–1820. He has published two articles in the last year: “The Origins of Gaslight Technology in Eighteenth-Century Pneumatic Chemistry” in *Annals of Science* 66, no. 4 (2009), and “Let it burn: Distinguishing Inflammable Airs 1766–1790” due in *Ambix* 57, no. 1, (2010). He is working on turning his thesis into a book.

Marga Vicedo has published “The Father of Ethology and the Foster Mother of Ducks”: Konrad Lorenz as an Expert on Motherhood. *ISIS*: 100 (2): 263–291, June 2009., “Mothers, Machines, And Morals: Harry Harlow’s Work on Primate Love From Lab to Legend.” *Journal of the History of the Behavioral Sciences*, 45 (3): 193–218, 2009, and “The Social Nature of The Mother’s Tie To The Child: John Bowlby’s Theory of Attachment In Post-War America” *British Journal of the History of Science*, (forthcoming). She has written two book reviews “The Genesis of Genetics.” Review of James Schwartz, *In Pursuit of the Gene: From Darwin to DNA*. Harvard University Press, In: *Nature Genetics* 40 (12): 1267. December 2008, and Adrian Desmond & James Moore, *Darwin’s Sacred Cause. Race, Slavery and the Quest for Human Origins*. London: Allen Lane, 2009. In: *Endeavour* 33 (3): 84–85, August 2009. She was elected to the History of Science Society Council (Serving 1 January 2010 - 31 December 2012) and to the Program Committee for the CSHPS meeting in 2010.

MACMASTER UNIVERSITY

Richard Arthur has a new introductory logic book, *Natural Deduction*, forthcoming with Broadview Press, and has been offered a contract for a book, *The Now in Physics*, co-authored with Steven Savitt (UBC) and Dennis Dieks (Utrecht), by Springer Verlag. He has recently published “Actual Infinitesimals in Leibniz’s Early Thought”, in *The Philosophy of the Young Leibniz*, ed. Kulstad, Laerke and Snyder, (Franz Steiner Verlag, 2009), and has three other papers coming out shortly: “Leibniz’s Theory of Space”, for a volume on 17th C space-time ed. Karin Verelst and Maarten Van Dyck (Springer: Foundations of Science Series); “Time Atomism and Ash’arite Origins for Cartesian Occasionalism, Revisited” for forthcoming volume for Palgrave Macmillan and ISEAS, ed. Arun Bala; and “Minkowski’s Proper Time and the Status of the Clock Hypothesis” in a forthcoming volume of essays *Minkowski Spacetime. A Hundred Years Later*, edited by V. Petkov in the Series *Fundamental Theories of Physics*, vol. 165, Springer 2010.

YORK UNIVERSITY

York opened its doors this fall to the inaugural cohort of students in the S&TS Graduate Program. A diverse group of eight MAs and six PhDs joined the program in time for a rich line-up of S&TS related events at York,

including the Ambivalent Objects Exhibition, Lucy Suchman's talk as part of Lancaster's "STS mixtures" teleconference series, and our vibrant Research Seminar Series (<http://www.yorku.ca/sts/seminar.shtml>).

Although he dearly misses micro-spacing columns of text and agonizing over font sizes for *Communiqué*, **Kenton Kroker** has nonetheless managed to keep busy while on sabbatical in Paris. He is Visiting Researcher at the Centre de recherche médecine, sciences, santé et société (Cermes), and is conducting archival research for his SSHRC-sponsored project "Epidemics Futures: encephalitis lethargica and the twentieth-century trade in emerging diseases." He'll take over as Graduate Director of York's STS program upon his return to Toronto in July 2010."

Bernard Lightman is hitting the road once again for the "Darwin Rocks" tour, to give papers at Michigan State University, the Bibliotheca Alexandrina in Egypt, the History of Science Society annual meeting in Phoenix, and the Darwin conference at the University of Toronto. The Tyndall Correspondence Project, which aims to obtain, digitalize, transcribe, and publish all letters to and from Victorian physicist John Tyndall, continues to move forward. In September they received news that the National Science Foundation granted the project a \$580,000 grant. This will transform the project into an international collaborative correspondence project by providing funding for graduate students at twelve universities in the U.S., Canada, the U.K., and New Zealand to participate in the transcribing work.

Aryn Martin published "Counting Things and People: The Practices and Politics of Counting" in *Social Problems*, with co-author Michael Lynch. She delivered papers at the SLSA in Charlotte, NC, at CSHPS in Ottawa, and at the XXIII International Congress of History of Science and Technology in Budapest. In February she mixed and stirred at the Technoscience Salon (see cover story). Under Kenton Kroker's meticulous tutelage, she joined Sofie Lachappelle as co-editor of *Communiqué*, and also took over the reigns as book reviews editor of *Social Studies of Science*. Her article, "Foreign cells in the Mother(land): Blurring the borders of body and nation in fetomaternal cell trafficking" is forthcoming in *Body & Society*. Her most significant accomplishment this year, though, was the birth of a baby boy, Asher, in October.

Byron Wall's current research is an attempt to discover how numerical probabilities have come to be assigned to predictions of relatively rare events such as natural disasters, economic collapses, and other outliers. Statistical frequency within a sample of comparable conditions works fairly well for events that happen often, but the rarer the event, the less reliable any such extrapolation becomes. Yet numerical probabilities were assigned for the probability of giant meteors hitting the Earth, for hurricanes of sufficient force to destroy levees to hit New Orleans, and for multiple mortgage defaults to bring down the banking system. He suspect that some really indefensible rules of thumb were established in the late 19th century when statistics was getting established to impose a probability measure on such cases based upon an extrapolation of normal bell curves. He will be on sabbatical leave from January to June 2010 at Cambridge University trying to track down these arbitrary rules.

INDEPENDENT SCHOLAR

Carlos Bovell has just published a book entitled: *By Good and Necessary Consequence: A Preliminary Genealogy of Biblicalist Foundationalism* (Eugene, OR: Wipf and Stock, 2009). In this book, he suggests that the history of mathematics seems to have had at least some bearing on the Protestant decision to adopt a specific theological method of biblicalist foundationalism during the 17th century as illustrated by the Westminster Confession of Faith (1647), for example. He also has a forthcoming article that further critiques the methodological choices made in the Westminster Confession of Faith (1647) from the vantage of the history of mathematics: "Two Examples of How the History of Mathematics Can Inform Theology," *Theology and Science* (forthcoming).

ANNOUNCEMENTS

- GRANT -

The Osler Library of the History of Medicine at McGill University sponsors a **travel grant**, designed to assist scholars who need to travel to and establish temporary residence in Montreal in order to use the resources of the Library.

The grant is available to historians, physicians and to those interested in the arts and humanities of medical history. It carries an award of \$1,500 (Canadian), and must be held from 2-4 weeks during the calendar year of

2009. \$2,000 will be made available to those requiring 4 weeks to complete their research. Applicants should fill in the Osler Library Travel Grant Application Form and send it to the address specified.

http://www.mcgill.ca/files/library/Travel_Grant_Application.doc

The applications are considered by a Committee which gives preference to specific and clearly described projects. The deadline for the 2010 grant applications is December 31, 2009, and candidates will be informed of the results early in 2010.

Requests for further information should be sent to:

Pamela Miller,
History of Medicine Librarian
Osler Library, McGill University
3655 Promenade Sir-William-Osler
Montreal (Quebec) Canada H3G 1Y6
pamela.miller@mcgill.ca
Telephone (514) 398-4475 extension 09861

- ONLINE RESOURCES -

Scientia Canadensis, the Canadian Journal of the History of Science, Technology and Medicine, is now available online through the site www.erudit.org. The website gives access to both old and current issues of *Scientia*, and new issues will be added on a regular basis.

Scientia Canadensis maintenant disponible sur la Toile. *Scientia Canadensis*, la revue canadienne d'histoire des sciences, des techniques et de la médecine, est désormais accessible en ligne via le portail www.erudit.org. Le site donne accès aux numéros anciens et récents, et sera mis à jour régulièrement pour inclure les nouvelles parutions.

- CALLS FOR PAPERS -

CANADA

Call for Papers - Spontaneous Generations: A Journal for the History and Philosophy of Science - Volume 4: Scientific Instruments: Knowledge, Practice, and Culture.

Spontaneous Generations is an open, online, peer-reviewed academic journal published by graduate students at the Institute for the History and Philosophy of Science and Technology at the University of Toronto. In addition to articles for peer review, opinion essays, and book reviews, *Spontaneous Generations* is seeking contributions to its focused discussion section. This section consists of short peer-reviewed and invited articles

devoted to a particular theme. This year, the theme is "Scientific Instruments: Knowledge, Practice, and Culture." See below for submission guidelines.

We welcome submissions from scholars in all disciplines, including but not limited to HPS, STS, History, Philosophy, Women's Studies, Sociology, Anthropology, and Religious Studies. Papers from all periods are welcome. The journal consists of four sections:

1. A focused discussion section devoted to Scientific Instruments (see below). (1000-3000 words recommended.)
2. A peer-reviewed section of research papers on various topics in the field of HPS. (5000-8000 words recommended.)
3. A book review section for books published in the last 5 years. (Up to 1000 words.)
4. An opinions section that may include a commentary on or a response to current concerns, trends, and issues in HPS. (Up to 500 words.)

With the "practical turn" in history and philosophy of science came a renewed interest in scientific instruments. Although they have become a nexus for worries about empiricism and standards of evidence, instruments only rarely feature as primary sources for scholars in the history and philosophy of science. Even historians of technology have been accused of underutilizing the evidence embodied in material objects (Corn 1996). The fundamental questions are not settled. First, there is no general agreement as to what counts as a scientific instrument: Are simulations instruments? Can people function as instruments? Do economic or sociological instruments operate in the same way as material instruments? There is a second, related debate about how scientific instruments work: Is there a unified account? Do instruments produce knowledge or produce effects? Do they extend our senses (Humphreys 2006) or embody knowledge (Baird 2006)? Third, HPS has seen a variety of approaches to fitting instruments into broader historical and philosophical questions about scientific communities and practices: Shapin and Schaffer (1985) relate instruments to the scientific life, Galison (1997) gives instrument makers equal footing with theorists and experimentalists within the trading zone of scientific discourse, and Hacking (1983) elevates instruments to central importance in the realism-antirealism debate. Finally, it seems plausible that there are methodological concerns specific to scientific instruments: What lessons can we draw from anthropology, material culture, and other allied fields?

We welcome short papers exploring the history and philosophy of scientific instruments for inclusion in Spon-

taneous Generations Volume 4. Submissions should be sent no later than **26 February 2010** in order to be considered for the 2010 issue.

For more details, and a preview of Volume 3 (2009): Epistemic Boundaries, please visit the journal homepage at: <http://jps.library.utoronto.ca/index.php/SpontaneousGenerations/>

- CONFERENCES & WORKSHOPS -

CANADA

Models and Simulations 4 (7-9 May 2010)

The University of Toronto is delighted to be hosting Models and Simulations 4, the fourth in a series international conferences examining the nature and use of scientific models and simulations across the natural and social sciences.

Scientific models and computer simulations play numerous roles in the sciences, but as a class of tools for use in the articulation of theory, experiment, technological design and application, and prognostication for purposes of public policy, they have only relatively recently come under systematic scrutiny by the community of scholars in history and philosophy of science. The conference aims to raise and investigate important questions about the methodology of practices of modelling and computer simulation, providing a forum for ongoing debates and new angles of approach, on such topics as: how models and simulations are constructed; how they are confirmed; how they may be understood to represent and explain worldly phenomena; how they function in cutting-edge research; and how they influence decision making in the arena of public policy.

Proposals for papers (in the form an extended abstract) are welcome from both philosophers and scientists. For instructions regarding submission and information on registration, travel, and accommodation, please visit the conference website at <http://www.hps.utoronto.ca/ms4/index.htm>. The conference language is English, and all submissions will be refereed. The submission deadline is **20 November 2009**.

Organizers:

Anjan Chakravarty (University of Toronto), Margaret Morrison (University of Toronto)

Program Committee:

Anouk Barberousse (University of Paris), Robert Batterman (UWO), Roman Frigg (LSE), Stephan Hartmann (Tilburg University), Paul Humphreys (University of West Virginia), Philippe Huneman (University of Paris), Tarja Knuutila (University of Helsinki), Ulrich

Krohs (University of Hamburg), Uskali Mäki (University of Helsinki), Wendy Parker (Ohio University), Eric Winsberg (University of South Florida), Andrea Woody (University of Washington)

Keynote Speakers:

Professor Leonard A. Smith, Centre for Industrial and Applied Mathematics, Oxford University

Dr. Jos Uffink, Institute for History and Foundations of Science, Utrecht University

Objectivity in Science (June 17-20, 2010), University of British Columbia

Over the past two decades questions have arisen regarding the objectivity of specific projects in or fields of science: for example, can we trust medical research when it is funded by pharmaceutical companies? Or, whose research in climate science meets the standards of scientific objectivity? Such questions have become important in framing public debate about science and science policy. At the same time, the objectivity of science has become an increasingly important topic among historians and philosophers of science as well as researchers in other fields in science and technology studies (STS) such as sociology of science, rhetoric of science, and cultural studies of science. This conference seeks to advance scholarly perspectives on the objectivity of science by bringing them into conversation with one another. The conference also asks whether and how such scholarly perspectives on objectivity might or should inform public debate. The conference will investigate, moreover, how the specific concerns of scientists, science policy experts, science journalists, and other groups might be made more salient in the research of the STS community.

The goal of this conference, thus, is to provide a forum for STS researchers of diverse disciplinary backgrounds, practicing scientists, and other researchers to discuss and debate issues concerning the nature of objectivity in science. A particular concern will be to discuss how, when, and why questions of objectivity arise within science, in science policy debates, and in public engagement with science. In addition to conference sessions held during the day, this conference will feature two evening panel discussions, open to the public and focused on particular areas of research wherein the issue of scientific objectivity is particularly salient. The public panel discussions will focus on questions of objectivity in collaborative aboriginal research and in research on harm reduction. Confirmed keynote speakers include Professor Ian Hacking (University of Toronto and the Collège de France) and Professor Naomi Oreskes (University of California at San Diego).

Call For Proposals: We welcome individual paper and panel submissions related to the theme of scientific objectivity. Proposals for papers should include author information (including email address), paper title, and an abstract of no more than 500 words. Speakers will have 30 minutes to present and discuss their work. Proposals for panel sessions should include the name of the panel organizer (including email), a brief description of the panel, author information, paper titles, and abstracts for each paper. Panel sessions will be ninety minutes in duration, including discussion time.

Program Committee: Alan Richardson (UBC), Robert Brain (UBC), Candis Callison (UBC), Lesley Cormack (Simon Fraser University), Flavia Padovani (UBC), and Jonathan Tsou (Iowa State University).

The deadline for paper and panel submissions is extended to **January 1, 2010**. Please email submissions to Dani Hallet at: objectivity2010@gmail.com
The Objectivity in Science Conference is sponsored by the Situating Science Cluster Grant: www.situsci.ca

“PM@100: Logic from 1910 TO 1927”
Philosophy Conference, 21-24 May 2010
Bertrand Russell Research Centre, McMaster University, Hamilton Ontario

The Bertrand Russell Research Centre in 2010 will host a conference to celebrate the centenary of the publication of the first volume of Russell and Whitehead's *Principia Mathematica*.

The publication in 1910 of the first of the three volumes of Russell and Whitehead's *Principia Mathematica* was a landmark in the development of logic, the foundations of mathematics, and the application of logic in philosophy. The rapid development of these fields in the two decades after 1910 owes perhaps more to *Principia Mathematica* than to any other work. Subsequently, however, with its lessons learnt in different ways by different people, it becomes more difficult to determine exactly what the world owes to this gigantic piece of work. Daunting both for its size and its technical difficulty, the book is now known more by reputation than by detailed study. Russell himself maintained, no doubt with some exaggeration, that he knew of only six people besides the authors who had read the entire three volumes. He remained dissatisfied with the foundations of the work and attempted a major revision (this time without Whitehead's help) in a second edition published in 1925-127, which further complicated its historical legacy.

A century after its first appearance, a great deal has

changed. Many of Russell's working papers on the problems it addressed have been published, and this has led to significant reinterpretations of the work itself. Enough time has now passed to make it possible to evaluate what contributions it made, or failed to make, to philosophy, logic, and the foundations of mathematics.

Submissions to the conference are sought in all areas relating to *Principia Mathematica* or to the development of logic and to the philosophy and foundations of mathematics in the years between the two editions.

Contributors are asked to submit two copies of an essay suitable for 30-45 minute presentation, with an abstract, no later than **1 January 2010** to:

Professor Nicholas Griffin, Director
The Bertrand Russell Research Centre
1280 Main Street West
Hamilton, Ontario CANADA L8S 4M2
EMAIL: ngriffin@mcmaster.ca
FAX: 905-577-6930

Graduate students are also encouraged to submit. Announcements of acceptances for the program will be made by the end of February 2009.

Further details: see <http://PM100.mcmaster.ca>

**INTERNATIONAL
HOPOS 2010**
Budapest, Hungary June 24-27
Call for Submissions
Deadline for Submissions: December 15, 2009.
Notification Date: February 28, 2010.

The conference is open to scholarly work on the history of philosophy of science from any disciplinary perspective. Submissions of abstracts of papers of approximately 25-30 minutes' reading length, and of symposia of three to four thematically related papers will be considered for the program. The members of the Program Committee are listed below. Submissions should be sent as an email attachment directly to the appropriate Program Subcommittee chair, either as a Word document or PDF file. The conference language is English.

Proposals for papers should include:

- * title and abstract of the paper (maximum 500 words)
- * address of the participant, including e-mail, phone, and institution

Proposals for symposia should include:

- * title of symposium

- * symposium summary statement (maximum 500 words)
- * titles and abstracts of papers (maximum 500 words for each paper)
- * address of each participant, including e-mail, phone, and institution
- * identification of symposium organizer, who will serve as contact person

Program Committee

James Lennox (Pittsburgh), Chair Kant and Before Sub-Committee (jglennox@pitt.edu)
 István Bodnar (ELTE, Budapest), George Gale (UMKC), Helen Hattab (Houston), Don Morrison (Rice, Houston), Erik Watkins (UCSD)

Martin Carrier (Bielefeld), Chair Post-Kant Sub-Committee (martin.carrier@uni-bielefeld.de)
 Jean Gayon (Paris), Don Howard (Notre Dame), David Hyder (Ottawa), Jutta Schickore (Indiana), Friedrich Stadler (Vienna)

Tokyo 2010: 35th 4S Annual Meeting

Held jointly with Japanese Society for Science and Technology Studies
 August 25 – 29, 2010
 Venue: Komaba I Campus, University of Tokyo
 Call for Papers: “STS in Global Contexts”
 Deadline for Submissions is **January 15, 2010**

This is the first 4S annual meeting in Asia. 4S members will have a chance to experience, interact with, and understand the cultural diversity of Asia. Furthermore, holding 4S in Asia opens the door to questions relating to universalities and cultural differences in STS concepts. This meeting will provide a good opportunity for reconsidering STS in global contexts as well as strengthening STS network worldwide.

For more information and guidelines for submission, see
<http://www.4sonline.org/meeting.htm>

**Membranes, Surfaces and Boundaries:
 Interstices in the history of science, technology and culture**
 Workshop at the Max-Planck-Institute for the History of Science, Berlin. October 7-9, 2010
 Organized by Mathias Grote, Laura Otis and Max Stadler

The world, more often than not, is and has been conceived in its compactness, as stuff, things, and objects; far less so, in its interstices. Science, technology and culture, of course, are permeated and traversed by boundary

phenomena: From the materialities of life itself, whether cellular membranes, skin, immune-systems or ecological habitats, to surface, separation and purification processes in chemistry and industry to the making, processing and exhibition of photographs and films, things coalesced at surfaces. They are palpable as well in the history of geography and politics, of urban and private spaces, of literature, art, psychology and the self, and certainly enough, as interfaces, in contemporary media theory.

The workshop Membranes, Surfaces and Boundaries aims to recover and bring together these interstices. We wish to attract contributions from a wide range of disciplines, including the natural sciences, that cross, straddle and make permeable these specialist divides, and that interrogate the historical being of surfaces. We wish to focus the workshop on the materialities of membranes, surfaces, and boundaries themselves. Possible anchors are surfaces and membranes as biological entities; chemical and technical phenomena at boundaries such as catalysis, filtration or electrophoresis; or films, photographic and otherwise, as media of projection and material surface processes. We invite contributions engaging with these and other spheres and their manifold intersections. Some illustrative questions include: In the history of science, can we generate cultural histories of the biological cell, a historiographically rather neglected object? Or related, of the similarly neglected but important, huge fields such as electro-chemistry or chemical engineering? Might we re-read through surface-objects disciplinary histories, experimental practices or the ways science is permeable to its social and cultural settings (and vice versa)? In film and media studies, how can attention to the materialities of surfaces incorporate the histories of science, technology or industry? Or again, more philosophically, how can we bring together concepts and materials, the abstract and concrete, metaphors and physical boundaries in re-thinking the histories of interstices?

All submitted abstracts showing some relation to our main theme will be given careful consideration. Abstracts of up to 300 words should include your name, institutional affiliation, and email address. These should be submitted by email to Mathias Grote (mgrote@mpiwg-berlin.mpg.de) and Max Stadler (mstadler@mpiwg-berlin.mpg.de). The deadline for abstract submission is 31 January 2010.

- FELLOWSHIPS & POSTDOCS -

CANADA

Postdoctoral Fellowship in Science and Technology Studies at York University

York University announces a two-year postdoctoral Fellowship award in science and technology studies, funded by the SSHRC Cluster Grant, "Situating Science." In addition to engaging in research in science and technology studies, the Fellow will be expected to engage in networking activities for the York node of the grant network, including helping to plan the Cluster workshop on evolutionary naturalism to take place at York in May 2011. The Fellow will also participate in the John Tyn dall Correspondence Project centred at York University. The successful applicant is expected to have completed his/her Ph.D. in history, philosophy, or social studies of science, or an STS related field, within the last five years and before taking up the fellowship. Preference will be given to candidates whose work focuses on nineteenth century British science. This award provides a stipend equivalent to \$33,500 plus limited benefits. Questions about the cluster and the application procedure should be directed to Bernard Lightman: lightman@yorku.ca

Full applications will contain a cover letter that includes a description of current research projects, an academic cv, a writing sample, and at least three letters of reference. Applicants must also articulate how their research projects fit within one or more of the four themes of the cluster; these themes can be found at www.situsci.ca/en/aboutus.html. Applications (hardcopies only please) should be sent to Professor Bernard Lightman, Director, Graduate program in STS, 309 Bethune College, York University, 4700 Keele St., Toronto, Ontario, Canada, M3J 1P3.

York University follows Affirmative Action policies. The Affirmative Action Program can be found on York's website at: <http://www.yorku.ca/acadjobs/index.htm>, or a copy can be obtained by calling the affirmative action office at 416-736-5713. Priority is given to Canadian citizens and permanent residents in Canada.

Deadline: Applications must be received by December 1st, 2009. The successful applicant will begin their appointment on August 1st, 2010.

INTERNATIONAL

The Center for Philosophy of Science, University of Pittsburgh, announces two postdoctoral fellowships for the academic year 2010-2011. Each fellowship includes a \$40,000 stipend with benefits. Eligible candidates must be within 5 years of the awarding of their

doctorates at the time of commencement in September 2010 and must have their doctorate awarded by April 15, 2010.

More details: www.pitt.edu/~pittcntr

The Science in Human Culture Program (SHC) at Northwestern University invites applications for a two-year post-doctoral fellowship in the contextual study of science, technology, and medicine to run September 2010 - August 2012. Applications are welcome from scholars who study science, medicine or technology from a variety of historical, philosophical, sociological, anthropological, or literary perspectives. The fellow will be affiliated with both the SHC program and an appropriate disciplinary department (History, Sociology, Philosophy, Anthropology, etc). Fellows will pursue a program of independent scholarship and teach two one-quarter courses each year: a seminar and a lecture course. They will also help organize the SHC faculty seminar series. Applicants must have completed all the requirements for the Ph.D. before beginning their fellowship or have received their degree within the last five years. The annual stipend is \$42,000, plus \$3,100 per year to fund research and conference travel. The due date for all materials is January 15, 2010.

Applicants should send the following materials directly to the SHC office in both paper AND in electronic form:

- 1) a cover letter and full curriculum vitae
- 2) a four-page fellowship proposal
- 3) a writing sample consisting of either a dissertation chapter or published paper
- 4) graduate school transcripts (in paper form only)
- 5) three letters of recommendation, at least one commenting on teaching qualifications

Office address: Science in Human Culture Program, 20 University Hall, Northwestern University, Evanston, IL 60208-2245.

Administrative questions and electronic materials should be sent to: Natasha Dennison, at shc-program@northwestern.edu. Other questions may be addressed to Ken Alder, program director, at k-alder@northwestern.edu.

Stetten Fellowship in the History of Biomedical Sciences and Technology or Medicine , National Institutes of Health, Bethesda, Maryland

The Stetten Fellowship seeks to encourage postdoctoral historical research and publication about biomedical sciences and technology and medicine that has been funded by NIH since 1945. Fellowships carry a stipend in the range of \$45,000 per year and include health in-

surance and a work space, computer, and phone in the Office of NIH History. (Fellowships may be renewable to a maximum of 24 months, subject to satisfactory progress.) Stetten Fellows have access to the resources of the Office of NIH History, the collections of the Stetten Museum, the National Library of Medicine, NIH Library, and historical materials in the NIH Institutes relevant to their research projects. The Fellow will conduct research on topics of their choice under the supervision of senior staff of the Office of NIH History and assisted by contacts in the relevant Institute(s). The Fellow will be expected to participate in historical activities on campus, including presentation of one or more seminars and lectures. For more information on the Stetten Fellowship, please see the Stetten Fellow Handbook: http://history.nih.gov/research/stetten_handbook.html

Application Deadline: 31 December 2009

Instructions: Send the following materials via email to David Cantor (cantord@mail.nih.gov).

- 1.Your full name and contact information
- 2.Your research proposal and curriculum vitae (as attachments).
- 3.Names, addresses, and affiliations of two people who will write reference letters for you.

NOTE: Inform the two people who will write in support of your application that they may submit their letters initially via email to David Cantor (cantord@mail.nih.gov), but that these letters must be received before the deadline, and that hard copies on institutional letterhead stationery must follow for your application to be considered.

All official transcripts must be submitted in hard copy. They should be sent to:

Stetten Fellowship Committee
Building 45, Room 3AN38, MSC 6330
National Institutes of Health
Bethesda, MD 20892-6330

Further Information: <http://history.nih.gov/research/stetten.html>

2010-2011 Andrew W. Mellon Sawyer Postdoctoral Fellowship, Indiana University
Rupture and Flow: The Circulation of Technoscientific Facts and Objects
Receipt deadline: March 1, 2010

The Sawyer Seminar and the Institute of Advanced Study at Indiana University will award one Andrew W. Mellon Sawyer Postdoctoral Fellowship for a one-year appointment beginning July 1, 2010. The Fellow will receive a

stipend of \$40,000 per year, as well as health insurance and a relocation allowance. This Sawyer Seminar is based in science and technology studies and focuses on how facts and technologies circulate among diverse communities of producers and consumers. In addition to pursuing a research project that speaks to central themes of the seminar, the fellowship recipient will play an active role in the intellectual life of the Sawyer Seminar by helping to organize a seminar series and four workshops. There will be no teaching responsibilities.

Applicants should read the full job ad and proposal, available at <http://www.sawyer.indiana.edu/>, before beginning their application.

Applicants will be notified of fellowship decisions in May 2010.

Requirements:

Applicants should have completed a Ph.D. in STS, Sociology, Informatics, Anthropology, or other relevant fields no earlier than June 30, 2005 and no later than August 1, 2010. The application should include:

- 1000-word research project proposal and one-page bibliography.
- 250-word statement of the project's potential contribution to the Sawyer Seminar
- Curriculum vitae
- Three letters of recommendation

Deadline March 1st. See <http://sawyer.indiana.edu/~ruptureandflow/> for full details, including mailing addresses.

Fellowship recipients cannot currently hold a tenure-track position.

Indiana University is an Affirmative Action/Equal Opportunity employer. Scholars who are members of traditionally under-represented groups are encouraged to apply. There is no citizenship requirement or restriction for this fellowship. Non-U.S. nationals are welcome to apply. Employment eligibility verifications requested upon hire.

Contact Info:

Ivona Hedin, Institute for Advanced Study,
Poplars 335, 400 E. 7th Street ,
Indiana University
Bloomington, IN 47405
Website: <http://www.sawyer.indiana.edu>

The Max Planck Institute for the History of Science in Berlin, Department II (Lorraine Daston), announces four Postdoctoral Fellowships for up to two years,

starting date September 1, 2010. Outstanding junior scholars are invited to apply.

The fellowship is awarded in conjunction with the research project The Sciences of the Archive (http://www.mpiwgberlin.mpg.de/en/research/projects/DeptII_Daston-SciencesOfTheArchives/index_html). Candidates should hold a doctorate in the history of science or related field at the time the fellowship begins; the Ph.D. degree should have been awarded in 2007 or later. Research projects may concern any culture or historical period (including the present). Although projects must have a history of science component, both the human and natural sciences are included under that rubric and additional relevant disciplinary perspectives are welcome. Possible topics include:

- The material culture of selecting, collecting, preserving, classifying, and transmitting knowledge (e.g. libraries, museums, and data bases but also collections of astronomical observations, botanical herbaria, documentary films, biomedical banks)
- The history of key ideas associated with the Sciences of the Archive (e.g. "data", "information", "tradition", "cultural heritage")
- The practices of turning data from the archives selectively into knowledge (e.g. classifications, search techniques, catalogues, synopses, atlases)

The Max Planck Institute for the History of Science is an international and interdisciplinary research institute. The colloquium language is English; it is expected that candidates will be able to present their own work and discuss that of others fluently in that language. Applications may however be submitted in German, English, or French.

Fellowships are endowed with a monthly stipend between 1.900 € and 2.300 € (fellows from abroad) or between 1.468 € and 1.621 € (fellows from Germany). Candidates of all nationalities are welcome to apply; applications from women are especially welcomed. The Max Planck Society is committed to employing more handicapped individuals and encourages them to apply. Postdoctoral fellows are expected to participate in the research activities at the Institute.

Candidates are requested to send a curriculum vitae, publication list, copies of certificates (PhD), research prospectus (maximum 750 words), a sample text, and two reference letters no later than December 15, 2009. (Electronic submission is also possible: paass@mpiwg-berlin.mpg.de)

For questions concerning the research project and De-

partment II, please contact Dr. Fernando Vidal (vidal@mpiwg-berlin.mpg.de); for administrative questions concerning the position and the Institute, please contact Ms. Claudia Paass, Head of Administration (paass@mpiwg-berlin.mpg.de) or Jochen Schneider, Research Coordinator (jsr@mpiwg-berlin.mpg.de).

- JOB POSTINGS -

CANADA

The Department of Philosophy at Mount Allison University invites applications for a tenure-track appointment in philosophy. Candidates should possess, or be nearing completion of, a PhD in philosophy and have a strong commitment to undergraduate teaching and to research. While a specialization in the history and philosophy of science is preferred, along with a grounding in the full tradition of the history of philosophy, flexibility in teaching a variety of undergraduate courses will be expected. For example, the successful candidate will teach introductory philosophy, upper-level courses in the history of philosophy, and one or more of metaphysics, logic, environmental philosophy, philosophy of law and philosophy of mind.

The appointment will be made at the rank of Lecturer or Assistant Professor and will commence July 1, 2010, subject to budgetary approval. A letter of application with curriculum vitae, transcript, three letters of reference, teaching dossier and samples of writing should be sent to:

Dr. Roopen Majithia
 Chair of the Search Committee
 Department of Philosophy
 Mount Allison University
 63D York Street
 Sackville, NB E4L 1G9
 Phone: 506-364-2556 Fax: 506-364-2645
 Email: rmajithia@mta.ca

Consideration of applications will begin December 15, 2009 and will continue until an appointment is made.

Mount Allison University has earned a national reputation for its excellent undergraduate programs, which has enabled the University to recruit highly motivated students drawn from a diversity of origins and backgrounds, many of whom find their way into the philosophy program. The department is therefore looking for a philosopher with broad interests and who is passionate about teaching in a liberal arts setting.

Mount Allison University welcomes diversity in the workplace and encourages applications from all qualified women and men, including aboriginal peoples, persons with disabilities, and members of visible minorities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. All applicants should indicate their citizenship status in their application.

Université du Québec à Montréal, Montreal, Canada.
Asst. Prof., tenure-track, beginning June 2010. Normal teaching load : 4 courses/year (undergraduate/graduate). Some thesis supervision. Usual non-teaching duties. AOS : Philosophy of sciences : Philosophy of biology and environmental sciences AOC : Open. Ph.D. prior to appointment. Salary competitive. EO/AAE. All qualified candidates encouraged to apply; however Canadian citizens and permanent residents will be given priority. Fluency in french expected. Send complete dossier (including a c.v. in french, a sample of written research and 3 letters of recommendation) to Professor Dominique Leydet, Chair, Dépt. de philosophie Université du Québec à Montréal, C.P. 8888, Succursale Centre-Ville, Montréal, Qc, Canada, H3C 3P8, (1- 514) 987-3000, ext. 8951. Deadline for application: January 5, 2010.

INTERNATIONAL

University of Cincinnati, Cincinnati, OH.

Assistant Professor, tenure-track, to begin September 1, 2010, PhD in philosophy or history and philosophy of science must be in hand by time of appointment. AOS: History of Modern European Philosophy or Philosophy of Science, Special Sciences. AOC: Open. We seek a colleague prepared to develop an extensive and rich research program, including where appropriate, external research support, to excel in teaching, and to pursue university and professional service and professional development opportunities. For history candidates, we are most interested in a colleague who works on one or more of the major philosophical figures of the modern European historical period. For science candidates, we are most interested in someone who focuses on general philosophy of science and/or philosophy of the life or cognitive and neural sciences --the candidate must be able to work across the disciplines that constitute her/his AOS. Quarter system, 2-2-2 load; potential for teaching reduction, includes graduate, advanced undergraduate, and introductory undergraduate supervision/instruction. We are a PhD-granting department with strengths in philosophy of the life sciences, philosophy and cognitive science, and aesthetics. The University of Cincinnati is an affirmative action/equal opportunity employer. Women, minorities, and disabled persons are encouraged to apply. All candidates must apply online

at www.jobsatuc.edu for position number 29UC5332. Recommendation letters must be sent by snail mail to: Search Committee Chair, Department of Philosophy, ML 0374, 206 McMicken Hall, University of Cincinnati, Cincinnati, OH 45221-0374. Applications must include a cover letter, CV, writing sample(s), three letters of recommendation, and evidence of teaching qualifications. Deadline for dossiers is December 1, 2009. Initial interviews will take place at the APA Eastern Division meeting.

See: <http://www.artsci.uc.edu/philosophy>
 For further information contact Professor Robert C. Richardson, robert.richardson@uc.edu

Michigan State University invites applications for a **tenure-track Assistant Professorship in the history of the physical sciences**. This is a joint appointment, 75% in MSU's Lyman Briggs College and 25% in the Department of History.

We are looking for a historian of physical sciences, broadly defined, to complement our existing strengths in the history of science while maintaining our excellence in undergraduate and graduate education. A Ph.D. is required in history, history of science, or other relevant field. Each year the successful candidate will teach three undergraduate courses in Briggs and one upper-level undergraduate or graduate course in History. Applicants must be committed to undergraduate teaching, graduate-level mentoring, and developing an independent research program.

Briggs is a vibrant undergraduate, residential, liberal arts college whose curriculum integrates the natural sciences and mathematics with the history, philosophy and sociology of science. We teach small classes to a diverse student body. The successful candidate will join other historians of science, all with joint appointments in Briggs and History. History has a well-established international reputation, with particular strengths in African, Latin American, Caribbean, U.S., European, and East Asian history. The university has made a serious commitment to developing the history of science at both the undergraduate and graduate levels. Further information on Briggs and History can be found at www.history.msu.edu and www.lymanbriggs.msu.edu.

Salary and benefits are competitive. Generous start-up support for research will be provided. MSU is an affirmative action, equal opportunity employer. MSU is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

Applications must be submitted through Academic

Jobs Online: <https://academicjobsonline.org/ajo> and should include a cover letter, c.v., teaching portfolio, research prospectus, writing sample, and three letters of recommendation (submitted directly to Academic Jobs Online by their authors). Deadline to ensure consideration of applications: December 1, 2009, but review of applications will continue until the position is filled. Details about the teaching portfolio are at <http://www.lymanbriggs.msu.edu/faculty/openPositions.cfm>.

Questions regarding this position may be directed to Dr. Robert Shelton, shelton@msu.edu, Chair, History of Physical Sciences Search, Lyman Briggs College, E-35 Holmes Hall, Michigan State University, East Lansing, MI 48825-1107.

The University of Pittsburgh Press seeks an energetic, creative, and dedicated **Editor** to acquire 25-30 books a year for a new editorial program in the history and philosophy of science. This position is part of a three-person acquisitions department, reporting to the Editorial Director of the Press.

The ideal candidate will have a strong grounding, by way of editorial and/or educational experience, in one or more of the following fields: history of science, philosophy (preferably philosophy of science), science studies, history of technology, or world history. Experience in other relevant fields will also be given consideration. This expansion of our publishing program is underwritten for its first five years by a Mellon Foundation grant intended to help the Press align more closely with the institutional strengths of the University of Pittsburgh. In addition to the opportunity to creatively build an important new publication list from the ground up, the successful candidate will also be working closely with Pitt's Department of History and Philosophy of Science, and the Department of History's Center for World History, helping to develop and coordinate conferences, lecture series, among other activities.

For more information about this Mellon grant, see the press release on our website: <http://www.upress.pitt.edu/htmlSourceFiles/pressReleases/MellonGrantPR.pdf>

In addition to subject knowledge, the candidate must have excellent communications and networking skills, be proficient with computers, and be willing to travel. The candidate should be familiar with, or demonstrate an ability to learn, editorial skills such as manuscript development, book project management, identifying viable markets and audiences for books, as well as mastering copyright and contractual issues as they relate to book publishing. A bachelor's degree is required, and in addition approximately two years of editorial experience or the equivalent in graduate study is strongly preferred.

While this significant publishing or relevant academic experience is preferable, consideration would be given to talented, but less experienced applicants as well.

For more information about the Press, visit our website: <http://www.upress.pitt.edu/upressIndex.aspx>.

Please consult the University of Pittsburgh's Office of Human Resources web page, <http://www.hr.pitt.edu>, for instructions on applying for position number 0126972. The salary grade indicates the usual hiring range for this position; any salary offer will be commensurate with experience. Also please send a cover letter and resume by mail or email to Peter Kracht, Editorial Director, University of Pittsburgh Press, Eureka Building, Fifth Floor, 3400 Forbes Avenue, Pittsburgh, PA, 15260, pek6@pitt.edu No phone calls, please.

The University of Pittsburgh is an affirmative action, equal opportunity employer. Minority candidates are encouraged to apply.

The Society for the History of Technology and the University of Oklahoma invite applications and nominations for a dual position of **Lecturer in the Department of the History of Science and Managing Editor of Technology and Culture**, each with a time commitment of 50%. The position has a start date of January 4, 2010, and an anticipated commitment through June 30, 2015.

The Managing Editor of Technology and Culture coordinates the flow of material through the journal office, including book reviews, manuscripts, manuscript referee reports, and other material, and maintains the journal's master database of contacts, reviews, and manuscripts. The managing editor shepherds each issue into print, from initial manuscript submission through final proofreading, and serves as the journal's primary contact with the publisher. The Managing Editor oversees the work of a graduate student assistant and reports to the Editor-in-Chief.

The successful candidate will be prepared to teach three courses/year in the history of technology and/or science at the undergraduate level. One or more of these courses may be offered online. The Department of the History of Science is a dynamic group of faculty and graduate students active in research and publication in the History of Science and Technology. The successful candidate will have access to the History of Science Collections, a remarkable 94,000-volume library containing rare manuscripts and books as well as deep holdings of both primary and secondary literature in the history of science and technology.

Required: A Ph.D. in the history of technology or sci-

ence or equivalent field. Scholars with degrees in Science and Technology Studies should demonstrate a strong historical focus in their research and teaching. Historical field and specialization are open. We seek candidates with the ability to meet deadlines and production requirements for Technology and Culture; excellent English-language writing skills; good organizational and interpersonal skills; and familiarity with computer-based text and photo editing and database management.

Strongly preferred: Candidates with experience in manuscript editing, journal or newsletter production, or similar experience. Candidates with university-level teaching experience and/or interests in the history of information and communication technologies, or in the history of technology of Asia, Africa, or Latin America are particularly desirable.

Review of applications will begin immediately and continue until the position is filled. Application materials must include a cover letter of interest, including a discussion of relevant teaching and editorial experience, complete curriculum vitae, academic transcripts, writing sample of 10-20 pages, and the names of three individuals who can serve as references. Applicants should apply online at jobs.ou.edu, requisition #08471 Contact: Suzanne Moon, Search Committee Chair, Department of the History of Science, University of Oklahoma, 601 Elm, Room 624, Norman, OK 73019-3106. Email: suzannemoon@ou.edu. Phone: 405-325-2213. Fax: 405-325-2363. The University of Oklahoma is an equal opportunity/affirmative action employer and strongly encourages applications from women and minority candidates.

The Department of Social Medicine, School of Medicine, University of North Carolina at Chapel Hill, seeks applicants for a tenure-track position in the social/cultural history of modern medicine. Applicants should hold a doctorate in history or a related discipline, and demonstrate commitment to both teaching and research. Appointment at the Assistant Professor level is most likely, but faculty rank is negotiable based on credentials and experience, and all qualified candidates are encouraged. Specific areas of scholarship should complement those of our multidisciplinary faculty, which include moral philosophy, literature, anthropology, sociology, political science, law, epidemiology, health services research, internal medicine, family medicine, pediatrics, and surgery. Candidates with expertise in history of science and technology are particularly welcome. The School of Medicine adjoins the campus of the College of Arts and Sciences, and offers a uniquely hospitable environment for cross-disciplinary work in a wide range of fields. Opportunities for collaboration extend from a

possible affiliation with the Department of History to affiliations with other campus units, including: our new Center for Biomedical Ethics (affiliated with our department); the School of Public Health; the Duke-UNC Program in History of Science, Medicine, and Technology.

Responsibilities of this position will include regular teaching in our year-long multidisciplinary survey course, "Medicine and Society", which meets weekly throughout the academic year, and a one-semester weekly seminar to be designed by the candidate. An active program of scholarship and publication is essential; prospects for attracting extramural funding are important, particularly for more senior applicants. Administrative responsibilities will be contingent on experience. Women and minority applicants are especially welcome. Submit cover letter and curriculum vitae to: Barry Saunders, PhD, MD, History Search Committee Chair; Department of Social Medicine, CB# 7240, University of North Carolina, Chapel Hill, NC 27599-7240, bfsaunde@med.unc.edu. Review of applications will begin immediately and continue until the position is filled. A description of the department and faculty is found on our web site, <http://socialmedicine.med.unc.edu>. UNC is an Equal Opportunity Employer employer.

The University of Minnesota invites applications for a **full-time, tenure-track Assistant Professorship in the History of Medicine** beginning academic year 2010-2011. Preference will be given to applicants who specialize in the history of medicine outside North America prior to the 19th century. A Ph.D. in the history of medicine or related field (received by 1 Oct. 2009) and undergraduate teaching experience are required. Teaching responsibilities will include an undergraduate history of medicine survey course covering the Babylonians through the Enlightenment, directing electives for medical students, providing lectures in the Medical School curriculum, and offering specialized courses for undergraduate and graduate students. All candidates must demonstrate the promise of significant scholarly research and publication and will be expected to provide active service. The Program in the History of Medicine is located in the Medical School and, jointly with the Program in the History of Science and Technology, offers M.A. and Ph.D. degrees in the History of Science, Technology, and Medicine.

Applications should be submitted online to the University of Minnesota's online employment system at <http://employment.umn.edu>. The job reference number is 162110. Candidates should submit a cover letter describing their work, teaching experience, and plans for

future scholarship, as well as a curriculum vitae, sample of scholarly writing such as an article or chapter, and three letters of recommendation. Review of applications will begin 1 Oct. 2009; the position is open until filled. Start date is negotiable but the successful candidate will begin no later than Sept. 1, 2010.

The University of Minnesota is an equal opportunity educator and employer. Minorities, women, and persons with disabilities are encouraged to apply.

For questions, please contact:

Dr. Mary Thomas, Administrator
Program in the History of Medicine
505 Essex St. SE
Minneapolis, MN 55455
hmed@umn.edu
<http://www.med.umn.edu/history/home.html>

The Department of History, University of Alabama seeks a historian of science and technology at the tenure-track assistant professor level. The field of specialization is open. The successful candidate will be expected to (a) teach a foundation course or courses in the field, (b) develop specialized courses at the advanced undergraduate and graduate level, and (c) contribute to survey courses either in Western Civilization or American history, depending on the candidate's area of specialization. The Department and the University emphasize excellence in teaching as well as scholarship. Ph.D. must be in hand by the time of appointment.

To apply, go to <http://facultyjobs.ua.edu> and complete the online application. Attach a letter of application, curriculum vitae, writing sample, and teaching evaluations, if available. Please have three letters of recommendation sent directly to Professor Michael Mendlle, Chair, History of Science Search Committee, Department of History, Box 870212, University of Alabama, Tuscaloosa, AL35487-0212. Please direct inquiries to mmendlle@bama.ua.edu. Review of applications will begin 1 December 2009, and will continue until the position is filled. The University of Alabama is an Equal Opportunity/Affirmative Action employer, and actively seeks diversity among its employees.

The Max Planck Institute for the History of Science, Berlin (Department II; Director: Prof. Lorraine Daston) seeks an outstanding junior scholar for a three-year position (to begin no later than 1 September 2010) as **Research Fellow** in conjunction with the research project The Sciences of the Archive (http://www.mpiwg-berlin.mpg.de/en/research/projects/DeptII_Daston-SciencesOfTheArchives/index_html) Candidates should hold a doctorate in the history of science or related field at the

time the position begins and show evidence of scholarly promise in the form of publications or other achievements. A previous postdoctoral position is desirable but not essential. Research projects may concern any culture or historical period (including the present). Although projects must have a history of science component, both the human and natural sciences are included under that rubric and additional relevant disciplinary perspectives are welcome. Research projects within the following three main areas are especially encouraged:

- Archival technologies and the development of data-power since the 17th Century
- Scientific archives with superhuman timescales (e.g. astronomy, geology, paleoanthropology)
- Scientific archives and issues of endangerment and extinction.

The Max Planck Institute for the History of Science is an international and interdisciplinary research institute. The colloquium language is English; it is expected that candidates will be able to present their own work and discuss that of others fluently in that language. Applications may however be submitted in German, English, or French.

The position is primarily devoted to research, with no teaching and minimal administrative duties. It is ranked at the BAT IIA level in the German system, which roughly corresponds to that of Lecturer in Britain, Assistant Professor in North America, and Maître de conférences in France. Salary is set by both the position's rank and individual factors; please address specific questions to Ms. Claudia Paass (paass@mpiwg-berlin.mpg.de).

Candidates are requested to submit a curriculum vitae (including list of publications), a research proposal on a topic related to the project (750 words maximum), and names and addresses (preferably including email) of three referees who may be contacted and asked to submit letters if the candidate is among the finalists for the position.

(Electronic submission is also possible: paass@mpiwg-berlin.mpg.de) by December 15, 2009.

Finalists for the position will be informed by January 15, 2010 and asked to come for an interview during the week of January 25, 2010 (travel expenses covered by the Institute).

For questions concerning the research project and Department II, please contact Dr. Fernando Vidal (vidal@mpiwg-berlin.mpg.de); for administrative questions concerning the position and the Institute, please con-

tact Mr. Jochen Schneider (jsr@mpiwg-berlin.mpg.de). Scholars of all nationalities are welcome to apply; applications from women are especially welcomed. The Max Planck Society is committed to employing more handicapped individuals and encourages them to apply.

Renew your CSHPS membership for 2010!

Renew online at:

<http://www.yorku.ca/cshps1/membershipform.html>
Payment may be made by credit card or paypal account

**Reflections of a
Technoscience Recruit...**

(continued from page 1)

Since this early introduction, I have become one of many science and technology studies enthusiasts in Southern Ontario to benefit from the inaugural run of this brand of intellectual alchemy, known officially as The Technoscience Salon: Entangling Technoscience, Politics and Play in the GTA. Begun in September 2008 by organizers Edward Jones-Imhotep (York U), Natasha Myers (York U), Michelle Murphy (U of Toronto), and Sergio Sismondo (Queen's), the Salon meets monthly in diverse locales on the University of Toronto's downtown campus. Its aspiration: to combine a line-up of lively local presenters, spiced with guests from such far reaches as the University of California at Davis, Lancaster University, and the London School of Economics, with free-flowing libations (where permitted by pesky university licensing restrictions), and plenteous potluck fare (including a curiously consistent over-representation of hummus dishes).

An open forum for entangling intellectual and political questions about technoscience, as well as rethinking the disciplines that make up Science and Technology Studies, the Salon features a "mix and stir" format that engages playfully and informally with themes like Geopolitics Meets Technopolitics, Reproduction Meets Production, and Drugs Meet Life. These two conceptual ingredients are "mixed" by speakers currently at work within the

themes and then subjected to a "vigorous stirring" by two others—most of whom struggle valiantly (with variable success) to stay under their five minute time allotment. Thus, the mix-and-stir conjures the stakes of two interrelated objects, and in doing so, meddles affectionately with disciplinary boundaries: artists are IT, geographers are history, bioengineers are anthropology—and every other combination thereof.

Ultimately, the Salon promotes a collaborative STS community in southern Ontario where atomised pockets of scholars might otherwise prevail. Despite the lack of an interdisciplinary STS hub at the University of Toronto, it beckons to the school's Institute of History and Philosophy of Science and Technology, hopes to enliven the budding PhD STS program at York, and tempts these and scattered scholars and artists from OCAD, Ryerson, Queen's and beyond to keep a playdate at which students like myself benefit perhaps the most. While its venue (read: squish factor does battle with historical charm), beverage selection, and dinner menu are ever-evolving, this, the Salon's main offering, has remained constant.

The Salon gives thanks for its existence to the general goodwill of volunteers willing to negotiate with occasionally fractious chairs, tables, and supper remains; the brainpower overdraft of participants called to action in the evening hours; and last but not least, modest support from the Ontario node of the Situated Science Cluster. The Salon and I arrived in Toronto at the same time. I trust that we continue to witness each other's promise.

Additional information on the Salon may be found online, at: <http://technosalon.wordpress.com/>.

Sarah Tracy

Department of History, University of Toronto

* * * *

Winter Salon Schedule:

January TBA

February 25th, Thursday — DEVICES MEET UNDOING -- Jim Ruxton (Subtle Technologies) and William Turkel (Western)

March 18th, Thursday — OPTICS MEET ACOUSTICS — Angie Blake (Ryerson) and Brian Beaton (U of Toronto) and Jordan Bimm (York).

GSHPS/SSHPS
STS Program
Division of Natural Science
Bethune College, Room 205
YORK University
Toronto ON M3J 1P3
Canada