

ASA-SKAT: Science, Knowledge, & Technology Section

Fall 2003

Editors: Jennifer L. Croissant, University of Arizona, Franz A. Foltz, RIT

From the Editors

Good Bye

Andrea Hoplight Tapia of Penn State (atapia@ist.psu.edu) will be taking over editorship of the newsletter starting with the Winter 2003 edition. There is an open-spot for a **co-editor** if anyone would like to share in the responsibilities. As always, for time-sensitive announcements for the section website, contact A. Aneesh: aneesh@stanford.edu. Franz and I would both like to thank Andrea for her interest in taking over, and for her involvement in the newsletter as book-review editor and in the change process. We think that Andrea will bring some fresh ideas and enthusiasm to the SKAT newsletter, and hope that someone else will step-up to share the venture with her.

Jen Croissant and Franz Foltz. Au Revoir!

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Newsletter deadlines: May 15, October 15, and February 15. Please send time-sensitive materials to the web editor. The SKAT Web presence is found under "sections" at <http://www.asanet.org/>. The new book review editor is: Mary Ingram, Dept. of Sociology, University of California, Santa Barbara, Santa Barbara, CA 93106-9430, mci0@umail.ucsb.edu. Please contact her with information about your new books, or have your publishers send her books to be reviewed, or to contact her with ideas for reviews.

Flux in the Space-Time Continuum

Andrea Hoplight Tapia

In the spring of 2004, Jennifer Croissant and Franz Foltz, who have built, cared-for and cultivated this SKAT newsletter for the past seven years, will be phasing out of their editorial roles. Personally, I wish to thank them for all they have created. Their hard work has made the transition between editors seamless. In the spring I will be phasing in to the editor role of the SKAT newsletter and wanted to take this opportunity to introduce myself.

I am an assistant professor at The Penn State University's School of Information Sciences and Technology. My research interests include the intersection of work, organizations and information/communication technologies. I am particularly interested in issues of governance and control systems developed in the high-tech workplace and what that means for recruitment and retention of employees from underrepresented groups. Another branch of my research interests takes me into the development of new technologies and their introduction into homeland security—public safety efforts. At the moment I teach courses on organizational theory and behavior in regards to information flow, control and processes.

I want to thank Jennifer Croissant, Franz Foltz and the SKAT membership for entrusting the SKAT newsletter into my hands. For those interested in co-editing, please consider volunteering. While co-editorship offers no tangible benefits, there are the rewards of being involved in the creation of a vehicle for sharing knowledge among a community of scholars. The work involved would be very little during most of the year, and intense (*Jen says it takes a couple of hours one afternoon) during production times, 3 times a year-- Fall, Spring and Summer. During those production times your effort would be in contacting authors, reviewing manuscripts, collecting notices and announcements, formatting documents and interacting with the ASA publishers. The workload would be shared with me. The only requirements are that you have some interest in being an editor of a small newsletter and its subject matter that you can squeeze out the free time 3 times a year.

All section members should feel free to contact me if you have ideas for future articles, featured segments, or other notices or announcements you'd like to appear in the newsletter. I can be reached by phone at 814-865-1524 or via email at atapia@ist.psu.edu.

From the Chair - MICHAEL LYNCH

After the 2003 ASA Meeting in Atlanta, Joan Fujimura's two-year term as section chair ended and my two-year stint began. I'd like to thank Joan for her successful leadership. She leaves the section in good shape: I am informed that we are no longer one of the 'small' ASA sections, but are now 'medium sized'. Joan also organized some interesting and well-attended sessions over the past two years. I would also like to thank outgoing members of the SKAT Council, Kelly Moore and Trevor Pinch, both of whom have taken on important and time-consuming tasks for the section. Kelly has done a great deal of work with the Merton award committee, and Trevor has been active with the nominations committee and Hacker/Mullins prize committee.

Speaking of awards: I'd like to congratulate Donald MacKenzie, winner of the Robert K. Merton Professional Award, for his book [Mechanizing Proof: Computing, Risk, and Trust](#). This year's prize is especially memorable, as Merton died earlier this year and was commemorated in a special session at the annual meeting. The Hacker/Mullins prize for the best student paper was divided among Jennifer Foskitt (UCSF, now moving to McGill), and Cyrus Mody (who, I'm happy to say, is one of our Ph.D. students in Science & Technology Studies at Cornell).

I'd also like to welcome our new Chair Elect, Jennifer Croissant. Jen has been very active with the section, editing the newsletter and, for the past two years, co-organizing the SKAT roundtable sessions at the annual meetings. Her main duty as Chair-Elect will be to organize regular SKAT sessions at the next two ASA meetings. I would also like to welcome the new elected members of the SKAT Council, René Anspach, Laura Mamo, and Anita Chen, the new student member. Jennifer Fishman is both an outgoing and incoming member: her term as student member has ended, but with PhD in hand, she was eligible for, and elected to, a regular seat on the Council.

The ASA gives sections a designated number of sessions at the annual meetings (the ASA program also includes other sessions on sociology of science, technology, and medicine, which are organized independently of the section allocation). At the most recent meeting, the SKAT section ran three sessions plus the roundtables. The number of sessions depends on the number of section members. Currently, the ASA specifies

300 as the minimum size for a section. Thus far, this minimum has not been enforced, and several sections have dipped below that number and a few are well below the magic number. The SKAT section is well above 300, and for the past few years we have hovered around 400 members. When we go above 400, we get three sessions and roundtables; when we go below we only get two plus roundtables. These numbers also affect the amount of money the ASA allocates to sections. For purposes of allocating sessions at the next year's meetings, section memberships are tallied on October 1. I have not yet received final figures from the ASA, but my guess is that we may fall 10-20 members short of the magic 400 number. Generating such numbers has been a yearly annoyance, distracting our efforts from more interesting matters. So, over the next year, anything our members can do to encourage students and colleagues to sign up for the SKAT section in 2004 will ease the burden on us next year.

The 2004 ASA meetings will be in San Francisco, and I think it is safe to say that the meetings will be very well attended (following Mark Twain's advice, bring winter clothing). We will hold our usual section activities: regular sessions, roundtables, and council and business meetings. We also will hold a reception. At the 2003 meetings in Atlanta, Mary Frank-Fox helped set up a reception at a local restaurant, Thai Chili. This turned out to be a pleasant alternative to a reception in the conference hotel and it avoided the high costs hotels charge for indifferent food. Following this nascent tradition, we will try to set up a similar outside-hotel reception for the 2004 meeting. We welcome any members from the Bay area who would like to help with the arrangements to contact us.

One question that I'd like for SKAT members to mull over in the next year is: Do we really want to be called SKAT? SKAT can call up various associations – not all of which are unpleasant – but I think we can do better. Naming is a tricky business with more than 40 ASA sections vying for nominal territories. If we add 'medicine' or 'environment' into the sci-tech-knowledge matrix, it is likely that we would provoke howls from neighboring sections that 'own' those names ('technology' already has been contested). Anyone who has inspiration on this matter should contact me.

Finally, I encourage members (and others) to visit the SKAT website. Aneesh Aneesh designed an extremely attractive site, and he and Mary Vanosche, our website manager, will be updating it frequently.

MINUTES from 2003 Business Meeting

Announcements:

Elections and Council membership

Outgoing members: Kelley Moore, Trevor Pinch

Current Members:

Jennifer Fishman (outgoing as student member, but elected as a new regular member)

René Anspach

Laura Mamo

Anita Chen is new student member

Newsletter: Jen Croissant/Franz Foltz are stepping down, we need to find new editors. Andrea Hoplight Tapia is the new managing editor, and she is now at Penn State. We need a new production editor, to share the work on articles as well as production; putting materials together. It does not require technical ability. We also need a book review editor.

Website manager is Mary Virnoche. Aneesh Aneesh is doing the website design.

After the meeting, Joan Fujimura's two-year term as Chair of the SKAT Section ends, and Chair-Elect Michael Lynch will start his two-year term.

Jen Croissant will be Chair-Elect. The Chair-Elect acts as the Program Chair, and Jen will be responsible for putting together the program of sessions for the 2004 ASA meeting in San Francisco.

Budget: Mary Frank Fox presented the budget for Daniel Kleinman, who was unable to make it to the meeting. The SKAT budget is very simple, and does not change significantly from year to year.

Income is from section membership fees, and ASA. Expenses – prizes and reception at the meetings. SKAT ran a deficit of a few hundred dollars in the past year, which will carry over to the next year's budget. Currently, this is not a major source of worry, but we

will need to be careful about spending.

Tom Gieryn emphasized that we need to make a major effort to raise the number of section members – currently at 372 (according to one set of figures from ASA), at the time of the meeting). The 400 figure is important for two reasons: more funds from ASA for budget, and three sessions (plus roundtables) rather than two at the next year's ASA meeting.

Tom Gieryn and Steve Zehr agreed to be Membership Committee, and to help recruit the necessary members by the deadline.

Reception in 2003 was held off of the meeting site at Thai Chili. Mary Frank Fox was thanked for helping set this up. Reasons for holding it off site were to avoid the hotel's catering charges and to have a chance to get outside the meeting.

Awards:

Robert K. Merton Professional Award: Donald Mackenzie for his book, *Mechanizing Proof: Computing, Risk & Trust* (MIT Press, 2001). Stefan Timmermans announced the award and read an appreciation of Mackenzie's book.

Jen Croissant & Joan Fujimura were the other members of the Merton Prize Committee.

The Nicholas Mullins/Sally Hacker award for best student paper went to two recipients: Jennifer Foskitt, UCSF (moving to McGill University, Dept. of Sociology); Cyrus Mody, Cornell University, S&TS Department. The prize committee was Trevor Pinch (Chair), Laura Mamo, and Jeremy Freeze.

Sections can give a third award – a career, lifetime-achievement award, but this has never been done, and no motion was made to make the award in the next year.

FUTURE NOMINATIONS: OFFICERS AND AWARDS

FOR FUTURE SKAT OFFICERS: Interested in running for SKAT in the future? Please contact Michael Lynch or Jennifer Croissant. This coming year we will need candidates to run for council. Also, we are looking for volunteers for nominations, awards, and membership committees. One need not be a member of council to participate in committees.

BOOK NOTES

Review: Science in the Modern World Polity: Institutionalization and Globalization. By Gili S. Drori, John W. Meyer, Francisco O. Ramiriz, and Evan Schofer. Stanford, CA: Stanford University Press, 2003. 377 pages.

Reviewed by Mary Ingram, SKAT Book Review Editor (as of the Spring 2004 edition) and Doctoral Candidate at the University of California, Santa Barbara.

Why do elementary science books from around the world look the same? Why do most nation-states have environmental protection policies? Why do nation-states, even those without a technological infrastructure, ban human cloning within their borders?

According to Drori, Meyer, Ramiriz, and Schofer, the answer lies in understanding the global institutionalization of science. They argue that the key issue behind the homogenizing force of science is its expansive authority into nearly every social and natural domain.

The institutionalization argument is highly effective in explaining the obvious cases of science globalization, including isomorphism of nation-states' science policies, university structures, government advisory bodies, and memberships in international science consortiums. However, a key argument is that science is also just as prevalent in non-obvious realms, too. By arguing that science is part of the global expansion of modernity, the authors are also saying that science is a great rationalizing force- bringing universality and standardization to disparate parts of the earth. Thus, science, as an authoritative voice and a cultural script, facilitates human rights and egalitarian discourses as much as it does standardized measures of chemical properties.

Moreover, the outcome of such features as universal elementary school science education and global privileging of professionally educated scientists reinforces the legitimation of the authority of science. All over the world, people look to science to answer questions that once were solely within the domain of religious doctrines and indigenous knowledge systems. Certainly there are exceptions, such as the controversy

regarding evolution vs. Creationism. However, the authors cite numerous historical and contemporary instances of science prevailing as the dominant authority, including cases of environmental protection regulations, child labor laws, and gender equality policies.

The backbone of this argument is that nation-states seem to believe that investment in (mostly Western) science models contributes to legitimate nation-state status and economic prosperity and development. However, as is often the case with institutionalized practices, a certain amount of loose coupling occurs between the professed ideologies and actual practices. For instance, periphery nation-states often enact science policies and create scientific advisory boards when there is little technological infrastructure to support such policies and commissions. Further, the universities of resource-poor nation-states are just as likely as richer nation-states to focus on basic science, rather than the seemingly more useful applied science. South Korea is cited as the strongest exception to this finding. Finally, there is hardly any evidence, at least in the short-term, to support the taken-for-granted assumption that investment in science yields economic growth and development.

Science in the Modern World Polity would be appropriate for a variety of different courses. For instance, any course in Formal Organizations or institutional theory, more specifically, would benefit from a collection of studies that combine institutionalism with globalization. Also, courses in global studies that, more often than not, emphasize some kind of Marxist paradigm would benefit from an institutionalist perspective. Obviously, classes in the sociology of science and the history of science and technology would enjoy a collection that seeks to explain the contemporary scientization of society at a global level.

New Books Science, Globalization, and Institutions

Drahos, Peter with John Braithwaite (2003). Who Owns the Knowledge Economy? New York: New Press. Though not explicitly about science, this book explores

how patents owners and supranational regulatory organizations such as World Trade Organization (WTO) control innovation, scientific and otherwise.

Evans, John (2001). Playing God? Human Genetic Engineering and the Rationalization of the Bioethics Debate. Chicago: University of Chicago Press. Two of the main foci of this book are the emergent profession of bioethics and the accompanying scientific rationalization of the public debates about genetic engineering technologies.

Phillips, Peter W.B. and Robert Wolfe, eds. (2001) Governing Food: Science, Safety and Trade. Ithaca: McGill-Queen's University Press. This book follows the global commodity chains of food, with emphasis on the global social implications of relevant food policies.

Rosser, Sue V. (2000) Women, Science, and Society: the Crucial Union. New York: Teachers College Press. This collection examines how women scientists and feminists might unite their professions and thus alter prevalent institutional logics, especially those regarding global bio- and reproductive technologies

Mary Ingram will be taking over as SKAT's book review editor in the Spring of 2004. She is a doctoral candidate from the University of California at Santa Barbara. Ingram's dissertation, entitled, "Cloning from Embryos: A Sociological Analysis of Science, Gender, and Global Markets," examines the globalization of human cloning research as well as the emergent global social problem of non-consensus on the status of human embryos. Ingram's research interests are in global studies, sociology of science, and feminist theory. At the August 2003 ASA meetings, Ingram presented her latest work, "A Feminist Critique of Cloning: the Case of Parthenogenesis," at the SKAT roundtables.

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ASA 2004

The section sessions for the 2004 meetings are provisionally:

A. Section Roundtables (Open)

Co-Organizers:
Mary Ingram
5437 Toltec Dr.
Santa Barbara, CA 93111
805-696-6864
mci0@uail.ucsb.edu

Jennifer Croissant
107 Communications
University of Arizona
Tucson, AZ 85721-0025
520-626-0079
jlc@u.arizona.edu

B. Section Session (Open)

Title: Institutional Politics of Science
Co-Organizers:
Scott Frickel
Dept. of Sociology
220 Newcombe Hall
Tulane University
New Orleans, LA 70118
504-862-3002 (t)
sfrickel@tulane.edu

Kelly Moore

Department of Sociology
3216 James Hall
Brooklyn College
2900 Bedford Ave.
Brooklyn, NY 11210
718-951-5314 (t)
kmoore@brooklyn.cuny.edu

C. Section Session (Open)

Title: Mutants/Hybrids/Monsters::Nature/Science/Society
Organizer: Thomas Gieryn
Department of Sociology
Ballantine Hall 7744
Indiana University
Bloomington, IN 47404
(812) 855-2950
Fax: (812) 855-0781
gieryn@indiana.edu

D. Section Session (Invited)

Scientific Expertise as a Social and Political Phenomenon
Organizer: Michael Lynch
622 Clark Hall
Cornell University
Ithaca, NY 14853
phone: (607) 255-7294
mel26@cornell.edu

Employment & Fellowship Notes

Time-sensitive employment announcements have been sent directly to the SKAT website. The ASA (<http://www.asanet.org>) has the *Employment Bulletin* on-line, as well as annotated links to other employment listings and job-search aids.

POSTDOCTORAL FELLOWSHIP: The University of California is pleased to announce the annual competition of the President's Postdoctoral Fellowship Program for the academic year 2004-2005. The President's Postdoctoral Fellowship Program offers postdoctoral research fellowships to scholars committed to university careers in research, teaching, and service that will enhance the diversity of the academic community at the University of California. Fellowships are awarded for research conducted under faculty sponsorship on any one of the University of California nine campuses. The program offers postdoctoral fellowships to qualified persons who intend to pursue academic careers and is designed to enhance their prospects for appointments to faculty positions at the University of California. In addition to financial support, the fellowships include mentorship guidance in areas critical to success in an academic career, such as research and writing. Application forms are available for downloading from the web site at <http://www.ucop.edu/acadadv/ppfp/applic-2004-2005.pdf>. The deadline for submitting applications is November 15, 2003.

Information can also be obtained at:
The President's Postdoctoral Fellowship Program
University of California - Office of the President
1111 Franklin Street, 11th Floor
Oakland, CA 94607-5200
(510) 987-9503

Social Implications of Computing and Information Science: The Department of Science & Technology Studies at Cornell University seeks an open-rank faculty member in the social, ethical and political implications of computers and information science. The successful candidate will be expected to help develop the field of information studies in S&TS and contribute to the ethics teaching mission on campus. Areas of

interest include, but are not limited to: contexts for computers and information use; ethics and intellectual property rights; users and identities; gendered aspects of computers and information science; information and organizations; political implications of information management; cross-national comparisons of information science development; the history of information technology; social or cultural aspects of design of information systems; and social construction of computing technologies.

S&TS faculty draw on multiple perspectives (including those of science & technology studies, history, sociology, anthropology, political science, and policy analysis) to develop integrated approaches to understanding science and technology. The position offers the candidate opportunities for extensive interaction and collaboration with Cornell's faculty in computer and information science to develop new courses and to shape Cornell's newly emergent program in that area. The candidate also is expected to be associated with Cornell's Program in Ethics and Public Life. A tenured or tenure-track appointment will be made within the Department of Science & Technology Studies.

Applicants should have a strong record of research and publication in Science & Technology Studies, or show potential for such a record. Successful applicants will be expected to teach undergraduate and graduate courses and to play an active role in graduate training. Administrative experience and potential for obtaining external research support will also be considered favorably.

Candidates should submit: (a) a letter of application explaining the relation of their research and teaching interests to the position described above; (b) a curriculum vitae; (c) two examples of their written work; (d) three letters of recommendation to be sent directly to the

department, (e) must have received their Ph.D. degree. Application materials should be submitted to Chair of CIS Search Committee, Department of Science & Technology Studies, 306 Rockefeller Hall, Cornell University, Ithaca, NY 14853.

Applications will be reviewed starting October 1, 2003 until the position is filled. For further information about the Department of Science & Technology Studies, consult the web page at <http://www.sts.cornell.edu/>. Women and minorities are especially encouraged to apply; Cornell is an affirmative action/equal opportunity employer.

Cornell University, Department of Science & Technology Studies
Tenured or Tenure-Track Appointment,
Historical or Social Studies of Biology

Cornell University invites applications for a tenure-track or tenured faculty position (with preference at the assistant professor level) in historical or social studies of biology, broadly construed to include biological sciences, medicine, and biotechnology. The successful applicant will become a member of an appropriate academic department, such as the Department of History or the Department of Science & Technology Studies. A Ph.D., or equivalent degree, in history of science, science & technology studies, anthropology, or a closely-related field is required. Candidates with a Ph.D. in biology and a significant record of scholarly achievement in historical or social studies of biology will also be considered. The successful candidate will have a well-developed program of research on the life sciences, and will be expected to play a significant role in the Ethical, Legal, and Social Issues (ELSI) Focus of Cornell's New Life Sciences Initiative. The period of research specialization may range from the early nineteenth century to the very recent. Research areas of particular interest include: history of agricultural, medical, or environmental sciences; history of genetics, biotechnology, neurobiology, or bioinformatics; human diversity, difference, and identity; evolution and biological diversity; and biology and North/South politics. The successful applicant will be responsible for teaching undergraduate and graduate courses on nineteenth

and twentieth century biology, supervising Ph.D. students in the fields of History and/or Science & Technology Studies, and playing a leading role in Cornell's undergraduate major in Biology & Society. Send letter of application, curriculum vitae, copies of relevant publications, and the names of three references to: ELSI Search Committee, Department of Science & Technology Studies, Cornell University, 306 Rockefeller Hall, Ithaca, NY 14853 USA. Review of applications will begin on November 1, 2003 and will continue until the position is filled. Cornell University is an equal opportunity, affirmative action educator and employer.

Cornell University, Department of Science & Technology Studies, Postdoctoral Associate, Social and Ethical Dimensions of Nanotechnology

The Department of Science & Technology Studies at Cornell University announces a position for a post-doctoral associate in the social and ethical dimensions of nanotechnology. The position is available immediately for a one- or two-year period (negotiable). A Ph.D. or equivalent degree is required in a relevant field (e.g., science & technology studies, history, sociology, communication, philosophy, etc.). The successful applicant will be expected to spend approximately half time on his or her own research and half time on a collaborative project on Nanotechnology as a "Revolutionary" Technology. This project is examining the processes shaping public understanding of "nanotechnology" and inflecting the term with social meanings. In particular, the project is focusing on the presentation of nanotechnology to technical, policy, business, and mass media audiences, with special attention to forward-looking statements about its likely impact. The successful applicant will have the opportunity to join the vibrant community of S&TS scholars at Cornell, as well as to interact with nanotechnology researchers about the social dimensions of their work. For more information on S&TS at Cornell, see www.sts.cornell.edu. Salary and benefits are competitive. Send a letter of application, curriculum vitae, writing sample, and the names

and addresses of three references to: Stephen Hilgartner and Bruce Lewenstein, Department of Science & Technology Studies, Cornell University, 306 Rockefeller Hall, Ithaca, NY 14853 USA. (Applications may also be submitted electronically to: shh6@cornell.edu; be sure to put "Nanotech Position" in the Subject line of the e-mail.) Review of applications will begin immediately and continue until the position is filled. Women and minorities are especially encouraged to apply; Cornell is an affirmative action/equal opportunity employer.

Mellon Postdoctoral Fellowship Specializing in Science & Technology Studies

The Department of Science & Technology Studies seeks candidates specializing in the social aspects of science and technology. A Ph.D. is required in science & technology studies or a closely-related field, such as the history, sociology, or anthropology of science. This postdoctoral teaching-research fellowship in the humanities, awarded for the one-year period beginning July 2004, offer stipends of \$35,000. While in residence at Cornell, postdoctoral fellows will hold departmental affiliation and have limited teaching duties and the opportunity for scholarly work.

Applicants must have received the Ph.D. degree after September 1998. Those who receive the Ph.D. degree by June 30, 2004 are also eligible to apply, however, those applicants must include a letter of confirmation. Fellowships are limited to citizens of the United States, Canada, or those with permanent U.S. residency cards.

Additional information and procedures for applying can be found at <http://www.arts.cornell.edu/sochum/html/melloninfo.html>

The Institute for Advanced Studies on Science, Technology, and Society, in Graz, Austria, has announced its 2004-2005 Fellowship Programme. Please see: <http://www.sts.tu-graz.ac.at> for complete details.

The University of Wisconsin Medical School is conducting a search for **two tenure-**

track positions in its Bioethics Program, a division of the Department of Medical History and Bioethics. Appointments are available at a junior or senior level. One position will include a commitment to clinical bioethics; the other should include commitment to ethical issues involving population health or resource allocation. The senior appointee should have the capacity to assume leadership of the Bioethics Program. Candidates should have graduate training in medicine, law, philosophy, social sciences or other disciplines relevant to bioethics. Joint appointments with other departments/schools are anticipated. The committee will begin reviewing applications November 1, 2003.

Additional information about the positions may be found at: www.ohr.wisc.edu/pvl/ohrpv_fa00_org.html. PVL Numbers 45390 and 45378

Interested candidates should forward curriculum vitae and contact information for at least three references to:

Warwick H. Anderson, M.D., Ph.D.
Department of Medical History & Bioethics
1300 University Avenue, Room 1440
Madison, WI 53706-1532

Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality. The University of Wisconsin Medical School is an Equal Opportunity/Affirmative Action Employer.

The Department of History at Lancaster University is advertising two professorships and three more posts at L/SL level. The field of expertise for the first two posts is completely open, and historians of STM are warmly welcome to apply, as are any other scholars who are interested in the history of STM. The field of expertise for the latter three posts will depend on the expertise of the professors appointed. The posts will be advertised in Education Guardian, THES and Jobs.ac.uk.

College of Natural Resources, Assistant

Professor of Bioethics and Society

This is a tenure-track assistant professor, nine-month career position in the Department of Environmental Science, Policy and Management, Division of Society and Environment, and the Agricultural Experiment Station at the University of California at Berkeley, available July 1, 2004.

Applicants must have an earned doctoral degree in STS (Science, Technology, and Society), philosophy, cultural studies, or other relevant humanities, environmental science, or social science field, with a specialization in bioethics and the ethical, social, and political dimensions of biotechnology, genetic engineering, and/or environmental health.

The appointee will be expected to develop a nationally-recognized research program to investigate issues involving such questions as: science and social responsibility; the ethics of using genetically-modified organisms in agriculture, forestry, and fisheries; the ecological and health effects of genetically manipulated and biopharmaceutical crops; [the ethical limits to biomedical technologies and human genetic engineering]; race, gender, class, and biotechnology; and/or the ways that women, minorities, and indigenous peoples are affected by and address the ethical, social justice, and environmental aspects of biotechnology. The successful candidate will assume responsibility for teaching an undergraduate course ESPM 162, "Bioethics;" a graduate course on ethical issues in biotechnology and society; and rotated core courses.

The incumbent will work to build connections on the campus and in relevant communities that will strengthen his/her teaching and research programs and contribute to the division's commitments to bioethics, environmental ethics, and social justice.

Please submit a cover letter (including a statement of your approach to questions of bioethics and the ethical, social, and political dimensions of biotechnology, genetic engineering, and/or environmental health), a curriculum vitae, a writing sample or representative publication, a statement of research and teaching interests, and the names and addresses of three references to Chair, Bioethics Search Committee, ESPM-Society

and Environment, 135 Giannini Hall, University of California, Berkeley, CA. 94720-3312. *The University of California is an Equal Opportunity, Affirmative Action Employer.*

The Department of Sociology, Queen's University,

invites applications from excellent teachers and researchers for a tenure-track appointment at the Assistant Professor rank, commencing July 1, 2004, in the social shaping of communication and information technologies and their implications for culture, economy and politics, and/or the sociology of science and technology. Duties include undergraduate and graduate teaching and supervision, and conducting research in the CIT field, which is one of the Department's PhD concentrations, and also the theme of some lively and innovative research in Queen's-based research networks. Candidates should possess a doctoral degree in Sociology or a closely related discipline. Salary is commensurate with experience and qualifications.

Applications, including curriculum vitae, should be sent to Dr. Roberta Hamilton, Chair, Appointments Committee, Department of Sociology, Queen's University, Kingston, Ontario, K7L 3N6, Canada. Applicants should also arrange for three reference letters to be sent to the same address. Information enquiries may be addressed to Dr. Elia Zureik at zureike@post.queensu.ca. Applicants are encouraged to access the Department's website at <http://qsilver.queensu.ca/sociology/> for additional information and visit <http://qsilver.queensu.ca/sociology/ISQ/>, <http://policy.queensu.ca/sociology/Surveillance/intro.htm>. Academic staff at Queen's are governed by a collective agreement, the details of which are posted at www.queensu.ca/qufa

Closing date for receipt of applications and letters of reference is November 1, 2003. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. Queen's University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal

people, persons with disabilities, and persons of a diversity of sexual orientations.

Program Director for Science and Technology Studies, U.S. National Science Foundation (NSF)

The National Science Foundation invites applications for the position of Program Director, to begin preferably in August 2004. This position may be appointed on a one or two year Visiting Scientist Appointment or under the terms of the Intergovernmental Personnel Act (IPA) Program.

The Program Director for Science and Technology Studies (STS) represents STS to colleagues in the NSF and other Federal science agencies and to the Administration. STS encompasses history, philosophy, and social science studies of science, engineering and technology. The Program Director provides intellectual leadership and is responsible for all aspects of program administration and development. He or she administers the review of research proposals submitted to NSF in this field and is responsible for recommending and documenting actions on the proposals reviewed, for dealing with administrative matters relating to active NSF grants, and for maintaining regular contact with the relevant research communities and providing advice and consultation to persons requesting them. Program Directors are also expected to engage in NSF-wide initiatives and interagency collaborations.

Applicants must have a Ph.D. in a relevant discipline, and must be active in research in some area covered by the program. They should show evidence of initiative, administrative skill, and ability to work well with others. Six or more years of research experience beyond the Ph.D. are required for appointment as Program Director. The salary range, which includes a locality pay adjustment is from \$81,602-\$127,158 per annum depending on qualification and experience, and is comparable with academic salaries at major US institutions.

Please direct inquiries and expressions of interest to Dr. Richard O. Lempert, Division Director, Social and Economic Sciences, phone: (703) 292-7391; e-mail: rlempert@nsf.gov; or Dr.

Keith Benson, Program Director, Science and Technology Studies, phone: (703) 292-8763, e-mail: kbenson@nsf.gov; or Mrs. Bonney Sheahan, coordinator of the cluster housing the STS program, phone: (703) 292-8764, or e-mail: bsheahan@nsf.gov. All are located in Suite 995, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230, fax: (703) 292-9068.

Qualified persons who are women, ethnic/racial minorities, and persons with disabilities are strongly encouraged to apply. Hearing impaired individuals should call TDD: 703-292-8044.

The National Science Foundation is an Equal Opportunity Employer committed to employing highly qualified staff that reflects the diversity of our nation.

Dr. Christine Jourdan
(jourdan@vax2.concordia.ca)
Chair, Department of Sociology and Anthropology

Concordia University, Montreal, Canada

Our Department of Sociology and Anthropology invites applications for up to three tenure-track positions in Sociology in the following areas: economic globalization, labour, work and institutions; advanced quantitative methodologies, either as a field of research or as applied to a substantive area.; sociology of nature and the environment. Applicants must have a PhD at the time of appointment; a working knowledge of French is a definite asset. We are particularly interested in scholars with a strong interest in theory, and whose research and teaching experience reflects skills in fieldwork. This is a joint department: anthropologists may also apply.

The full ad is at the website indicated below. <http://artsandscience.concordia.ca/internet/jobviewTTA.cfm?Identifier=207&jobtype=TTA>

Postdoctoral Fellowship: We are seeking a two-year post-doctoral appointment in the School of Public Administration. The fellowship is intended to support qualitative research on the women and minorities in science and engineering, with particular emphasis on data collection through in-depth interviews, literature search, and

the links between development in theory and empirical data. The fellowship is funded by a grant from the National Science Foundation. It is open to scholars who should have finished Ph.D. no later than September 1, 2003. Position remains open until filled. Applicants should send a letter of interest, a CV, and 3 letters of the reference to Roli Varma, School of Public Administration, University of New Mexico, Albuquerque, NM, 87131. varma@unm.edu.

Encyclopedia of 20th Century Technology:

Calling contributing authors to write for the Encyclopedia of 20th Century Technology, to be published by Routledge in October 2004. The Encyclopedia will be a two-volume work and will contain over 400 entries describing individual technologies and products. The Encyclopedia will address broad questions of technological systems, such as the context in which the various technologies were developed, discussions of any controversies and schools of thought, comparisons between different political and economics systems, and the various ways in which different nations have attempted to make and apply science and technology policies.

Available articles range from 1000 to 3000 in word length. Our upcoming production schedule requires that we offer relatively short deadlines (6-8 wks). We offer a complimentary copy of the Encyclopedia per the first 1000 assigned words, and an honorarium of \$75 for every 1000 words thereafter. Should you agree to contribute, we will mail you the contributor agreement for your signature. Article subjects range from Batteries to Dairying to Quantum Electronic Devices to Thyristors, among several others. A complete unassigned list will be forwarded to you upon response to this posting.

For more information regarding style guidelines and sample articles, please visit the project website at <http://tech.routledge-ny.com/>. Please email responses to this posting to 20ctech@taylorandfrancis.com If you have any questions please let us know. If you are unable to participate, we would welcome your suggestions of other outstanding academics or scholars as potential contributors.

We look forward to hearing from you and to adding your name to our list of distinguished contributors.

Joshua Pasternak, Editorial Assistant
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19th National STS Meeting and Annual Conference of National Association of Science, Technology, and Society (NASTS)

Theme: Science and Technology in a Global Society: Making Connections

Dates & Place: 19-21 February 2004, Holiday Inn Inner Harbor, Baltimore

Proposal Deadline: November 26, 2003

Abstract Deadline: December 15, 2003

Call for Papers/Presentations: The conference review committee will consider presentations in a variety of formats, including scholarly paper presentations, focused discussions, curriculum and module presentations, etc. The range of topics is broad, ranging from methods to improve science and technology education through the STS approach, to discussions on the image of science and technology in the media or literature, to analyses of the impacts of technological developments on society and the environment. To get a better idea of the range of topics and presentation formats, check past conference programs posted at the Association's web site www.nasts.org. Both individual and panel proposals will be considered.

Send paper/presentation/panel **title** and **short description** (no more than 100 words) to:

Susan Blunck
Department of Education
University of Maryland
1000 Hilltop Circle
Baltimore, MD 21228

Proposals may also be submitted by email to:

blunck@umbc.edu

Notification of acceptance of proposals will be sent by October 10. Presenters must submit a one page abstract by October 31.

Fifth Annual NASTS Grad Student Paper Contest In conjunction with the NASTS Meeting 19-21 February 2004 at the Holiday Inn Inner Harbor, Baltimore MD. (See previous item.)

Submit normal proposal form for presentation to Susan Blunck or to Franz Foltz. Write *Graduate Contest* by your title. Finished papers need to be emailed to fafgsh@rit.edu by February 1st so that they may be peer reviewed by the [Bulletin for STS](#) prior to conference. It is possible that all or none of the papers will be accepted. Hopefully, all submitted papers will be accepted. Presentations will be throughout conference during regularly scheduled sessions. Awards to be presented at Saturday night

Conference Dinner. Papers to be judged both on their written form and on the actual presentation of information. Papers should be 5000-10000 words in length and in publishable form. Presentations should last 15 minutes with a 5 minute Q&A afterwards.

Additional information at www.nasts.org

Any questions, contact either:

Franz A. Foltz
College of Liberal Arts/RIT
92 Lomb Memorial Drive
Rochester, NY 14623-5604
585-475-5368
Fax: 585-475-7120
fafgsh@rit.edu

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Nominations:
Awards: Stefan Timmermans
Publications: Andrea Hoplight Tapia, Mary Ingram,
Mary Virnoche (mv23@humboldt.edu), Web.

Newsletter: Please send announcements and news to the editor. Issues come out approximately one month after the deadline: send time-sensitive materials directly to A. Aneesh (above) for Web posting. Contribute electronically, by regular post, or fax. Deadlines are: **May 15, October 15, and February 15.**

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