

SAUL HALFON

Department of Science and Technology in Society
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EDUCATION

- Ph.D. **Cornell University**, Ithaca, NY. Science and Technology Studies. August 2000
Dissertation: "Reconstructing Population Policy After Cairo: Demography, Women's Empowerment, and the Population Network."
- B.A. **Wesleyan University**, Middletown, CT. Chemistry and the Science in Society Program. May 1989
Awarded High Honors. Honors thesis: "Studies in Chemical Research and Chemical Research Waste at Wesleyan."

EMPLOYMENT

- Assistant Professor Department of Science and Technology in Society, Virginia Tech, Blacksburg, VA. 2001 - present
- Affiliated Faculty Women's Studies Program, Virginia Tech, Blacksburg, VA. 2002 - present
- Affiliated Faculty ASPECT: Alliance for Social, Political, Ethical, and Cultural Thought, Virginia Tech, Blacksburg, VA. 2004 - present
- Visiting Assistant Professor Program in Science and Technology Studies, Center for Interdisciplinary Studies, Virginia Tech, Blacksburg, VA. 2000 - 2001
- Visiting Lecturer Environmental Studies Program and Political Science Department, Swarthmore College, Swarthmore, PA. 1999 - 2000
- Editorial Assistant *Isis: The Journal of the History of Science Society*, Ithaca, NY. 1995
- Science Education Analyst Division of Undergraduate Education, National Science Foundation, Washington, DC. 1989 - 1992
1989-1990 Professional assistant to the Division Director.
1990-1992 Special assistant to the coordinator of the curriculum development program.
Received a rating of "Outstanding" on all annual evaluations.
- Research Assistant Chemistry Department, Wesleyan University, Middletown, CT. 1987 - 1989
Research in Organometallic Chemistry under Dr. Joseph Bruno.

RESEARCH INTERESTS

I work in the political sociology of science and technology, especially the politics of demography and population, environmental politics and policy, the international politics of food and risk, and science and law. Recent projects include studies of international population policy, attempts to harmonize international food and trade regimes, and the politics of depleted uranium.

PUBLICATIONS

Books

- Halfon, Saul. 2006. *The Cairo Consensus: Demographic Surveys, Women's Empowerment, and Regime Change in Population Policy*. Lanham, MD: Lexington Books.
- Taylor, Peter, Saul Halfon, and Paul Edwards. 1997. *Changing Life: Genomes, Ecologies, Bodies, Commodities*. Minneapolis: University of Minnesota Press.

Journal Articles (Peer Reviewed)

- Sovacool, Benjamin and Saul Halfon. 2007. "Reconstructing Iraq: Merging Discourses of Security and Development". *Review of International Studies*, **33/2** (April): 223-243.
- Halfon, Saul. 2006. "The Disunity of Consensus: International Policy Coordination as Socio-Technical Practice". *Social Studies of Science* **36/5** (October): 783-807.
- Halfon, Saul. 1998. "Collecting, Testing, Convincing: Forensic DNA Experts in the Courts". *Social Studies of Science*, **28/5-6** (October-December): 801-827.

Book Chapters

- Halfon, Saul. 2007. "Science and the Precautionary Principle". In George Ritzer (editor), *The Blackwell Encyclopedia of Sociology*. Williston, VT: Blackwell. Pages 4082-83.
- Halfon, Saul. 2006. "Harmonizing International Trade and Environmental Policy: The WTO, Cartagena Biosafety Protocol, and Risk-Based Precaution", in Eugénia Rodrigues and Helena Machado (editors), *Actas de Seminário Internacional: "Scientific Proofs and International Justice"*. Minho, Portugal: Sociology Studies Unit, University of Minho. Pages 23-49.
- Halfon, Saul. 1997. "Over-Populating the World: Notes Toward a Discursive Reading". In Peter Taylor, Saul Halfon, and Paul Edwards (Editors), *Changing Life: Genomes, Ecologies, Bodies, Commodities*. Minneapolis: University of Minnesota Press. Pages 121-148.
- Edwards, Paul, Peter Taylor, and Saul Halfon. 1997. "Introduction: Changing Life in the New World Dis/Order". In Peter Taylor, Saul Halfon, and Paul Edwards (Editors), *Changing Life: Genomes, Ecologies, Bodies, Commodities*. Minneapolis: University of Minnesota Press. Pages 1-13.

Book Reviews and Other Work

- Halfon, Saul. 2003. "Review of *Technical Knowledge and Development* by Thomas Grammig". *Science, Technology, and Human Values* **28/4**: 546-9.
- Halfon, Saul. 1993. "Clinical Ecology and the Judicial Construction of Expertise". *ISIS Occasional Papers*, Amherst, MA: Institute for Science and Interdisciplinary Studies. See <http://isis.hampshire.edu/download/pubcat.pdf>.

Under Review

- Halfon, Saul, Eugénia Rodrigues, and Helena Machado (editors), "Universal Standards and Scientific Proofs in Global Regulation: Reconciling Trade, Environment, and International Justice." Proposed special issue under review at *Science, Technology and Human Values*. 5 manuscripts by: Steven Yearley, Eugénia Rodrigues, Anabela Carvalho, Saul Halfon, and João Nunes.
- Halfon, Saul. "Confronting the WTO: Intervention Strategies in GMO Adjudication." Manuscript under review at *Science, Technology and Human Values*.
- Halfon, Saul. "Depleted Uranium, Public Science, and the Politics of Closure." Manuscript under review at *Review of Policy Research*.
- Halfon, Saul. "Negotiated Meanings in Depleted Uranium Controversies." Manuscript under review at *Science and Public Policy*.

PAPERS AND PRESENTATIONS

Invited Seminar Presentations

- Halfon, Saul. 2001. "Bringing Socio-Technical Practice into International Relations: The Case of Population Policy". Invited lecture. Program in Science and Technology Studies, Penn State University, State College, PA, October 17.
- Halfon, Saul. 2001. "Western Representations of Third World Fertility in the Construction of Population Policy". Invited lecture. STS Program, Virginia Tech, February 9.
- Halfon, Saul. 2001. "Western Representations of Third World Fertility in the Construction of Population Policy". Invited public lecture. Department of Humanities and Social Sciences, Harvey Mudd College, Claremont, CA, February 15,
- Halfon, Saul. 2001. "The Population Problem and the Environment". Invited lecture. STS program, Rochester Institute of Technology, Rochester, NY, February 1.

Invited Conference and Workshop Presentations

- Halfon, Saul. 2005. "Harmonizing International Trade and Environmental Policy: The WTO, Cartagena Biosafety Protocol, and Risk-Based Precaution". Invited presentation at the "International Seminar on Scientific Proofs and International Justice: The Future for Scientific Standards in Global Environmental Protection and International Trade". University of Minho, Braga, Portugal, April 12 and University of Coimbra, Coimbra, Portugal, April 13.
- Halfon, Saul. 2001. "Globalizing Contraceptive Markets: Need, Choice, and Market Demand"; Plenary presentation at the Science, Technology and Globalization: Societal, Political, and Economic Impacts Workshop. George Washington University, Washington, DC, April 28-29.
- Halfon, Saul and Sheila Jasanoff. 1993. "Science and Compliance with International Regimes". Preliminary Research Report for the National Research Council, National Implementation Project Young Scholars Symposium. Geneva, Switzerland, June 16-18.

Conference and Workshop Presentations

- Halfon, Saul. 2007. "Lifeworlds in DU Disputes." Science and Democracy Network Annual Meeting, Cambridge, UK, June 27-29.
- Halfon, Saul. 2006. "Encountering Birth: Negotiating Expertise in the Clinic and at Home". Presented at the Annual Meeting of Society for the Social Studies of Science. Vancouver, Canada, November 1-4.
- Halfon, Saul. 2005. "Governing Food, Risk, and Trade: Codex Alimentarius and International Standards". Presented at the Annual Meeting of Society for the Social Studies of Science. Pasadena, CA, October 20-22.
- Halfon, Saul. 2003. "Comparing Institutional Histories of International Regimes: The WTO and Cartagena Biosafety Protocol Confront Knowledge Production and Technical Practice." Presented at Cornell University Conference "Connecting S&TS: The Academy, the Polity and the World," September 25-28.
- Halfon, Saul. 2003. "Technologies of Knowledge, Technologies of Bodies: Exploring the Intersection of Knowledge Production and Contraceptive Technologies in International Population Policy". Presented at the annual meeting of the Southeastern Women's Studies Association. Blacksburg, VA, March 20-22.
- Halfon, Saul. 2001. "The State as a Contested Domain: Representing State Interests in Population Policy". Presented at the Annual Meeting of Society for the Social Studies of Science. Cambridge, MA, November 2.
- Halfon, Saul. 1999. "Constructing an International Consensus at Cairo: Unmet Need and the Population Network". Annual Meeting of the International Studies Association, February 17-20.
- Halfon, Saul. 1998. "From Environmental Crisis to Women's Lives: Shifting Relations between Population Policy and Environmental Concerns". Presented at the Annual Meeting of the Society for the Social Studies of Science. October 28-November 1.
- Halfon, Saul. 1998. "Representing Fertility: Demographic Surveys in the Third World". Presented at the Annual Meeting of the Association for Politics and the Life Sciences. Washington, DC, September 4.
- Halfon, Saul. 1998. "Representing Fertility: Demographic Surveys in the Third World". Presented at the "Making People: The Normal and Abnormal Constructions of Personhood Workshop". Cornell University, April 24-26.

- Halfon, Saul. 1995. "Challenging Ethical Discourse on Overpopulation: Notes Toward an S&TS Approach". Presented at the 1995 Meeting of the International Society for the History Philosophy and Social Studies of Biology. Leuven, Belgium, July 19-23.
- Halfon, Saul. 1995. "DNA Typing Experts"; Presented at the "Doing is Believing: Credibility and Practice in Science and Technology Workshop". Cornell University, April 21-23.
- Halfon, Saul. 1994. "Udder Efficiency: Instrumentalism, Closure, and the Failure to Legitimate Recombinant Bovine Somatotropin". Presented at the Annual Meeting of the Society for the Social Studies of Science, October 12-15, 1994 (Served as panel chair).

Professional Service Presentations

- Halfon, Saul. 2007. Invited moderator for workshop "STS Engaged". University of Virginia, March 9-10.
- Halfon, Saul. 2005. Invited participant in panel "States in Action: Accounting for Techniques, Politics and Outcomes in International Technoscientific Projects." Annual Meeting of Society for the Social Studies of Science. Pasadena, CA, October 20-22.
- Halfon, Saul. 1994. Invited commentator for Panel on "Restoring the Thickness of the Science/Policy Mediation"; in The NATURE of Science Studies Workshop. Cornell University, April 15-17.

Outreach Presentations

- Halfon, Saul. 2006. Moderator. Main Panel of "Choices and Challenges: Changing Climate, Uncertain Future: Facing Global Warming", Virginia Tech, November 2, 2006.
- Halfon, Saul. 2004. Invited lecture and session leader. "Legal Quandaries of Cloning". "Choices and Challenges: On the Eve of Human Cloning Forum", Virginia Tech, October 28.
- Halfon, Saul. 2004. Invited lecture. "International Regulation of GMOs: The Cartagena Biosafety Protocol and the WTO in Conflict, or US v. EU on GMOs." Virginia Tech International Club, March 26.
- Halfon, Saul. 2002. Invited lecture and session leader. "History of US Food Safety Regulation". "Choices and Challenges: Food Frights Forum", Virginia Tech, April 11.

Department Service Presentations

- Halfon, Saul. 2006. "What Role for Technical Standards in International Policy Harmonization? The Case of Codex". STS Faculty Showcase, Virginia Tech, September 9, 2006.
- Halfon, Saul. 2002. "Constructing State Interests in International Politics: Bringing STS into the Fray". STS Faculty Showcase. Virginia Tech, September.
- Halfon, Saul. 2001. "Population and the Environment". STS Department Brown Bag Lunch. Virginia Tech, March.
- Halfon, Saul. 2000. "From 'Population Control' to 'Women's Empowerment': Reconstructing the Population Policy Network". STS Faculty Showcase. Virginia Tech, September.

RESEARCH SUPPORT

- Saul Halfon (PI), Jane Lehr, Doris Zallen, Ann Kilkelly, Daniel Breslau, & Carol Brandt. 2007. "TWIST: Theater Workshop in Science and Technology: A Public Dialog and Community Engagement Collaboration." Virginia Tech Institute for Society, Culture, and Environment Summer Scholars Program. \$19,700.
- International Travel Grant Supplemental Award, Virginia Tech Research Division, 2007. \$900.
- Named recipient for The Carolyn Pearsall White Endowment Fund, Virginia Tech, 2005 (a University endowment to support ongoing research on international population policy). One half of \$100,000 endowment, approximately \$2,500 per year.
- Research Associate, Association Liaison Office Grant "Partnership to Improve the Status and Opportunities for Women in Bangladesh". PI: Colette Harris, OIRD, VA Tech. 2003-2005. \$120,000.
- Globalizing Interdisciplinary Research Incentive Grant, Virginia Tech (with Chikako Takeshita), November 27, 2000 to May 10, 2001. \$1,500.

National Science Foundation Dissertation Improvement Grant, August 15, 1998 to January 31, 2000. \$7,000.
 Institute for the Study of World Politics Dissertation Fellowship, July 1, 1997 to March 31, 1998. \$10,000.

TEACHING EXPERIENCE

Courses Developed and Taught

Graduate courses:

- Introduction to Science and Technology Policy
- Science and the Law
- Science, Technology, and International Development

Undergraduate courses:

- Politics of World Population
- Community Involvement and Public Participation
- Science, Technology, and International Development
- Introduction to Humanities, Science, and Technology
- Humanities, Technology and the Life Sciences
- Environmental Policy
- Political Protest and Scientific Practice

Guest Classroom Lectures

- Halfon, Saul. 2006. "Transnational Politics of Technology and Risk". Guest speaker in STS 5984: STS Capstone Seminar, April 6.
- Halfon, Saul. 2004. "The Population Problem". Guest speaker in STS 5424: Environmental Issues, Science, and Technology, October 24.
- Halfon, Saul. 2004. "International Science Policy". Guest speaker in STS 5984: STS Capstone Seminar, April 14.
- Halfon, Saul. 2004. "Risk and Expertise". Guest speaker in STS 5984: STS Capstone Seminar, April 28.
- Halfon, Saul. 2003. "Reproductive Technologies". Lecture in HST 2154: Humanities, Technology, and the Life Sciences, November 11.
- Halfon, Saul. 2003. "International Population Policy". 2 lectures in IDST 4114: Global Futures, February 25 & 26.
- Halfon, Saul. 2002. "International Biotechnology Regulation". Lecture in ALS 2404: Biotechnology in a Global Society, April 19.

ADVISING EXPERIENCE

Committee Chair

- Michael Klein, Ph.D., STS, 2007. Co-Chair. Dissertation: "The Rhetoric of Repugnance: Popular Culture and Unpopular Notions in the Human Cloning Debate." (Assistant Professor, Writing and Rhetoric Studies, James Madison University).
- Jane Lehr, Ph.D., STS, 2006. Co-Chair. Dissertation: "Social Justice Pedagogies and Scientific Knowledge: Remaking Citizenship in the Non-Science Classroom." (Assistant Professor, Ethnic Studies and Women's Studies, Cal Poly San Luis Obispo).
- Theresa Jurotich, M.S., STS, 2003. Thesis: "Network Infiltration: Gaining Utility Acceptance of Alternative Energy Systems." (Consulting Engineer, Global Energy Concepts).
- Jarred Thomas, M.S., STS, on leave. Thesis: "DNA Typing in American Courts."

Committee Member - Current

- Jeremy Hunsinger, Ph.D., STS, expected 2008. "Constructing a Political Economy of the Internet: The Ideological and Productive Systems of Open Source Software." (Assistant Professor, School of Information and Library Science, Pratt Institute, New York).
- Sunita Raina, Ph.D., STS, expected 2008. "Kashmiri Nationalism and the Politics of Knowledge."

Brandiff Caron, Ph.D., STS, expected 2008. “Values, the Nature of Science, and Public Participation in Decisionmaking.”

Xiolan Qiu, Ph.D., STS, expected 2008. “Chinese Technological Modernization”.

Cora Olson, Ph.D., STS, expected 2009. “Title Nine and Women’s Sports Technology”.

Jeff Morris, Ph.D., STS, expected 2009. “EPA Science Policy: Push or Pull?”

Lorraine Wilson, Ph.D., STS, on leave. “Satellite Internet Communications and Native Cultures of the Arctic.”

Frankie Bausch, Ph.D., STS, on leave. “Design and Software Engineering.”

Committee Member - Past

Tom Bigley, Ph.D., STS, expected 2008. “Chinese Occidentalism and Technology Transfer” (On committee 2002 – 2005).

Victoria Friedensen, Ph.D., STS, expected 2008. “Human Space Technology Risk Perception”. (On committee 2002 – 2005). (Office of Space Science, NASA).

Steve Mosier, Ph.D., STS, expected 2008. “US Technology Transfer Policy”. (On committee 2001 – 2005).

Ken Thompson, Ph.D., STS, expected 2007. “Policy Dimensions of Commercial/Civil Remote Sensing Satellite Systems.” (On committee 2001 – 2005).

Cora Olson, M.S., STS, 2007. Non-thesis option.

Benjamin Sovacool, Ph.D., STS, 2006. Dissertation: “The Power Production Paradox: Revealing the Socio-Technical Impediments to Distributed Generation Technologies.” (Post-Doctoral Fellow in Energy Policy, National University of Singapore).

Laura DeNardis, Ph.D., STS, 2006. “IPv6: Politics of the Next Generation Internet.” (Visiting Fellow, Information Society Project, Yale Law School). (On committee 2001 - 2005).

Benjamin Cohen, Ph.D., STS, 2005. “Notes from the Ground: Science and Agricultural Improvement in the Early American Republic.” (Assistant Professor, Science and Technology in Society, UVA). (On committee 2003 – 2005).

Wyatt Galusky, Ph.D., STS, 2004. “Virtually Uninhabitable: A Critical Analysis of Digital Environmental Anti-Toxics Activism” (Assistant Professor, Humanities, Morrisville State College, NY).

Elissa Brine, M.S., STS, 2004. Non-thesis option. (Practicing Lawyer, Washington State).

Chikako Takeshita, Ph.D., STS, 2004. “Negotiating Acceptability of the IUD: Contraceptive Technology, Women's Bodies, and Reproductive Politics” (Assistant Professor, Women’s Studies, UC Santa Barbara)

Amy Nichols-Belo, M.S., STS, 2003. “Globalization On the Ground: Health, Development, and Volunteerism in Meatu, Tanzania” (Ph.D. candidate, UVA, Anthropology).

Pei Pei Koay, Ph.D., STS, 2003. “(Re)presenting Human Population Database Projects: Virtually Designing and Siting Biomedical Informatics Ventures.” (Mellon Fellow, Center for the Study of Cultures, Rice University).

Piyush Mathur, Ph.D., STS, 2003. “Theorizing ‘Ecological Communication’.” (Assistant Professor, American University, Nigeria).

Jane Lehr, M.S., STS, 2002. “‘Doing’ Theory and Practice: Steps Toward a More Productive Relationship Between Science and Technology Studies and Nontraditional Science Education Practices. (See above).

Lakisha Miller, Virginia Tech Minority Access Opportunity Program, 2002. Faculty mentor for research project: “From Paper to Practice: A Critical Assessment of the Quality of Care Initiative in China.” (Ph.D. student, Department of Epidemiology and Biostatistics, Case Western Reserve University).

OUTREACH ACTIVITIES

2007-present. Co-Director, TWIST: Theater Workshop in Science and Technology Project.

2006-present. Co-Director, Choices and Challenges Public Science Forum.

2006 Choices and Challenges Forum: “Global Climate: Uncertain Future.” November 2, 2006.

2007 Choices and Challenges Forum: “Nuclear Power Reconsidered.” November 8, 2007.

UNIVERSITY AND PROFESSIONAL SERVICE

Professional

Reviewer for: *Science, Technology and Human Values; Social Studies of Science; Perspectives on Science*; and Duke University Press.

College and University

2007. Member, Tenure-Track Faculty Committee, College Dean's search.

2005-2007. College Representative, University Commission on Outreach and International Affairs.

2004-2005. STS Department Representative, College Undergraduate Curriculum Committee.

Department

2006-present. Member, STS Admissions Committee.

2004-present. Member, STS Personnel Committee.

2002-present. Advisor, STS Graduate Student Organization.

2001-3, 2006. Member, STS Policy Committee.

2003-2004. Co-organizer, STS Department seminar series.

2002-3. Member, Center for Interdisciplinary Studies Curriculum Committee.