

CURRICULUM VITAE

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Current Positions

Professor of Sociology, Boston College, 1986-

Senior Fellow
Massachusetts Institute of Technology
Security Studies Program
Center for International Studies

Education

Ph.D., Brandeis University, 1973. Sociology

A.B., Harvard University, 1968. Social Psychology.

Selected Publications

Books

Anthrax: The Investigation of a Deadly Outbreak (University of California Press, 1999; paperback, 2000)

Mixed Blessings: Intensive Care for Newborns (Oxford University Press, 1986, revised 1991, with Lynda Lytle Holmstrom)

Anthropological Realities: Readings in the Science of Culture (Transaction Books, 1982; second edition, 1984).

Urban Renegades: The Cultural Strategy of American Indians (Columbia University Press, 1976)

Selected Articles and Presentations

On Arms Control and Medicine

"Detecting Anthrax: What We Learned from the 1979 Sverdlovsk Outbreak" in M. Dando et al. (eds.) *Scientific and Technical Means of Distinguishing Between Natural and Other Outbreaks of Disease*, Kluwer Academic Publishers, 2001

"Soldiers' Rights and Medical Risks: The Protest Against Universal Anthrax Vaccinations" *Human Rights Review* Vol.1, no.4, April 2000: 124-139

"Miasma, Public Health, and the Reinvention of Bioterrorism" University College London, Department of Science and Technology Studies Seminar Series, London, UK, November 27, 2000

American Anthropological Association Meetings, San Francisco CA, "Ethnicity, Terrorism, and Weapons of Mass Destruction" Public Policy Forum, Anthropology of Politics and Law Section, November 15, 2000

New York Council on Foreign Relations "Anthrax and US Policy Regarding Bioterrorism and Homeland Defense" June 7, 2000

"*Bacillus Anthracis*: Infection Revisited" with T.C. Dixon, M. Meselson, and P. Hanna *New England Journal of Medicine* 1999; 1: 815-825.

"The Chronology of the 1979 Anthrax Outbreak in Sverdlovsk" Los Alamos National Laboratory, July 23, 1999.

"Anthrax: Du Laboratoire de Pasteur aux Armes Biologiques" Faculty of Medicine, Institut Varnet, l'Hopital Necker, Paris, September 30, 1999.

"The Sverdlovsk Anthrax Outbreak of 1979" with Matthew Meselson et al. in *Science* Vol. 266, 18 Nov., 1994, pp.1202-1208. Reprinted in *Biological Weapons: Limiting the Threat* Joshua Lederberg, editor (Belfer Center for Science and International Affairs, Harvard University) 1999, 314-320.

"Yellow Rain: the Story Collapses" with Julian Robinson and Matthew Meselson, in *Foreign Policy* Vol. 68 (1987): 100-17. Reprinted in *Preventing a Biological Arms Race* Susan Wright, editor (MIT Press) 1990, 220-238.

On Health Care and the New Information Technologies

"Age and Gender in the Use of On-line Preventive Health Care Programs" with P Galvin et al. Summary Report of the HealthAware Project, April, 2000, National Library of Medicine, Bethesda MD

"Linking Health Education and Health Care Service Information via the WWW: The HealthAware Project" with Lucila Ohno-Machado et al. American Medical Informatics Annual Symposium. Orlando, Florida, November 1998.

“Social Class Inequality and Ethnicity in Breast Cancer Awareness; A Preliminary Report” with Fatemeh M. Behbakht. Eastern Sociological Society Meetings, Boston, MA, March 1998.

On Medical Technology, Reproductive Medicine, and Newborn Intensive Care

"Spiritual and Religious Components of Patient Care in the Neonatal Intensive Care Unit: Sacred Themes in a Secular Setting" *Journal of Perinatology* (in press) with E. Catlin, M.M. Thiel, S. Hammond, M. L. Wang and James O'Donnell

“Moral and Ethical Dilemmas in Critically-ill Newborns: A 20-Year Follow-up Survey of Massachusetts Pediatricians” with I. David Todres et al. *Journal of Perinatology* 2000, 1:6-12.

"Bioethics and the Coming of the Corporation to Medicine" in Bioethics and Society: Constructing the Ethical Enterprise, Raymond De Vries and Janardan Subedi, eds.(Prentice-Hall) 1998, pp.60-77.

"Experiment and Illusion in Reproductive Medicine" in Human Nature Vol. 5:1, 1994 pp. 1-22.

"Planning to Die" Society 29:5, July/August 1992, 29-33 (excerpted in The Chronicle of Higher Education, August 5, 1992, B5.) Reprinted in When Medicine Fails, Carolyn Wiener and Anselm Strauss, eds. (Transaction Books, 1996), 73-82.

"Roundtable: survival and outcome of the extremely low-birthweight infant" *Birth* 1992 Sept., vol. 19, no.3:154-61, with N. Paneth, H. Harrison, N. Campbell, C. E. Mercier

"Cesarean Birth--Social and Political Aspects" in Encyclopedia of Childbirth: Critical Perspectives Barbara Katz Rothman, ed. (Oryx Press) 1992, .59-62.

"Newborn Intensive Care" in Encyclopedia of Childbirth: Critical Perspectives (Oryx Press) 1992, 274-275, with Lynda Lytle Holmstrom.

"The Family in Newborn Intensive Care" in Childbirth in America. Anthropological Perspectives. Karen Michaelson, ed.(Bergin and Garvey)1988, 194-203.

"Life-Saving Therapy for Newborns: A Questionnaire Survey in the State of Massachusetts" with I. David Todres Pediatrics, Vol. 81, No., May, 1988, pp. 643-649.

"Deciding to Treat Newborns: Medical Technology and Pediatricians' Changing Values" with I. David Todres et al. in Social Perspectives on Ethics

and Human Reproduction, Linda Whiteford and Marilyn Poland, eds. (Westview Press), 1989, pp. 70-83.

"The Business of Childbirth" with Lynda Lytle Holmstrom, Society July-August, 1986, pp. 48-53, reprinted in When Medicine Fails, Carol Wiener and Anselm Strauss, eds, (Transaction Books, 1996).

"Legal Cases, Government Regulations, and Clinical Realities in Newborn Intensive Care" with Lynda Lytle Holmstrom American Journal of Perinatology, Vol.1, no.1, 1983, pp.89-97.

"Social Research and Political Advocacy: New Stages and Old Problems in Integrating Science and Values" with Irving Louis Horowitz in Ethics, the Social Sciences and Policy Analysis Daniel Callahan and Bruce Jennings, eds. (Plenum Press) 1983, pp.187-211.

"Intensivbehandlung von Neugeborenen: Entwicklung und Medizinische Probleme des Systems in den USA" in Die Anspruchsspirale. Philipp Herder-Dorneich and Alexander Schuller, eds. (Kohlhammer) 1983, pp.124-236.

"Priceless Lives and Medical Costs: The Case of Newborn Intensive Care" in Research in the Sociology of Health Care Julius Roth, ed. (JAI Press) 1983, pp.115-134.

"The Price of Medical Heroics" Society, Vol.19, no 2, January-February, 1982, pp. 31-38.

"Babies by Cesarean: Who Chooses? Who Controls?" The Hastings Center Report Vol.11, no.3, 1981, pp.11-15 (reprinted in Perspectives in Medical Sociology Phil Brown, ed. (Waveland Press, 1989)

Project Funding and Research Experience

December 1996-December 1999. Principal Investigator "HealthAware" Pilot Program on Preventive Health Care Programs. National Library of Medicine, Information Infrastructure Program, Contract #NO1-LM-6-3539. \$525,000 awarded to Boston College.

June 1992 and August 1993. Field work and Epidemiology in Ekaterinburg, Russia, to investigate the 1979 Sverdlovsk Anthrax Epidemic, supported by a \$25,000 grant from the John T. and Catherine A. McArthur Foundation to Harvard University and by \$1000 research grant from Boston College.

September 1985-June 1986. Boston College 80% Sabbatical Award for completion of manuscript on newborn intensive care.

June-August 1985. Summer Research Grant (\$3000), Boston College.

January-May 1983. Research on Inequalities in Health Care, supported with a \$5000 grant from the Commonwealth Fund.

August 1981-July 1982. National Endowment for the Humanities Fellowship for Research on Medical Ethics (\$16,000), The Hastings Center, New York.

August 1978-July 1979. American Anthropological Association Congressional Fellowship (\$10,000).

Professional Awards and Appointments

Fellow, American Anthropological Association.

Fellow, Society for Applied Anthropology.

Editorial Associate, Decision Systems Group, Brigham & Women's Hospital, Boston, 1996-present

Member, Editorial Board, *Human Rights Review*. 1999-

Member, Editorial Board, *Society/Transaction*. 1988-1997

Member, Board of Directors, Transaction Books, 1996-

Member, Editorial Board, *American Journal of Perinatology*, 1980-1988.

Member, Board of Trustees, Library of Congress, The American Folklife Center, 1982-1988, Chair of the Board, 1986-1987.

Member, Massachusetts General Hospital, Department of Pediatrics Ethics Committee, 1982-1984.

Member, Child Health and Development Advisory Committee, Scientists' Institute for Public Information, New York, 1985-92.

National Endowment for the Humanities, Post-doctoral Fellow, The Hastings Center for the Study of Society, Ethics and the Life Sciences, New York, 1980-81.

Congressional Fellow, American Anthropological Association, 1978-1979 (House Health Subcommittee and Senate Finance Committee).

Member, Consensus Task Force on Cesarean Childbirth, National Institutes of Health, 1980-81.

Radcliffe Institute, Bunting Merrill Fellow, 1972-73.

Radio and Television Interviews

Radio interview KKSF "Dave McQueen Show" November 17, 2000 (on *Anthrax*)

Radio interview KPFA "The Morning Show" with Phil Maldari November 15, 2000 (on *Anthrax*)

Television interview "Connie Martinson Talks Books" Los Angeles, CA August 28 (on *Anthrax*)

Television interview, Discovery Channel "Biological Weapons Threats" June 14, 2000

Radio interview, Wisconsin Public Radio, May 26 (on *Anthrax*)

Television interview Canadian Broadcast System "Bioterrorism" March 8, 2000