

CURRICULUM VITAE

GAYL D. NESS

May 2011

Present position: Professor Emeritus, Department of Sociology, University of Michigan
Retired January 1, 1997

ADDRESS: *Home:*
827 Asa Gray Drive # 258
Ann Arbor, MI 48105
Ph. 734 668 7033

Office:
Department of Sociology
University of Michigan
Ann Arbor, MI 48109
Phone: (313) 764 6397
FAX: 313-763 6887

e-mail: gaylness@umich.edu

EDUCATIONAL: Post-doctoral Fellow in Malaysia and Southeast Asia, Institute of Current World Affairs,
BACKGROUND New York (1961-1964)

Ph.D., Sociology, University of California, Berkeley (1961). Dissertation: "Central Government and Local Initiative in the Industrialization of India and Japan," (unpublished)

M.A., Sociology, University of California, Berkeley (1957). Thesis: "Danish Rural Cooperatives," unpublished.

Graduate Diploma (Agricultural Economics--Cooperatives), University of Copenhagen, Denmark, Fulbright Grantee (1956).

B.A. (Honors), Sociology, University of California, Berkeley (1952).

Graduate, Junction City High School, Junction City, Oregon. (1947)

PROFESSIONAL BACKGROUND:

Current Position: Professor Emeritus, Department of Sociology, University of Michigan
Member, International Advisory Committee of the Asian Urban Information Center of Kobe, Japan

Past Positions: *Professor Advanced Research Institute for Science and Humanities, Nihon University, Tokyo, 2005.*

Professor of Sociology, University of Michigan (1972-96)

Population Fellow (1993-1995), World Conservation Union (IUCN)/The Population Fellows Program. Geneva, Switzerland.

*Professor of Population Planning and International Health, School of Public Health
(1974-94)*

Associate Professor of Sociology (1966-72)

Assistant Professor of Sociology (1964-65)

*Selected Related University of
Michigan Positions:*

Chair, Board for Student Publications, 1992-3.

Chair, Senate Assembly and Senate Advisory Committee on University Affairs (1989-90)
[University's highest elected position, head of the Faculty Senate]

Member, Executive Committee, Integrated Project for the Study of Global Change (1989-1996)

Member (elected), Senate Advisory Committee on University Affairs (1988-91)

Member (elected), Senate Assembly (1986-1989)

Member, Executive Committee, Center for Research on Economic Development,
University of Michigan (1975-78)

Associate Chair, Department of Sociology (1974-77, 1990-92)

Member (appointed), University of Michigan President's Commission for Women (1971-73)

Director, Center for South and Southeast Asian Studies, University of Michigan (1966-1969)

Service on numerous University of Michigan Rackham and Literature, Science & Arts committees and review panels (1969-present)

*Selected Professional
Positions:*

Member, International Advisory Committee, Asian Urban Information Center of Kobe, Japan (1989- present).

Advisor, United Nations Committee on the United Nations Population Award (1983-1999)

Consultant, United Nations Population Fund (UNFPA), (1977-1999)

Consultant, United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) Population Division (1972-1996)

Member, U.S. Environmental Task Force (1992-93). Organized by then-Senator Al Gore, this group advised the U.S. government on ways in which defense technology (satellite imagery) can be used to advance environmental protection.

Member, Aspen Global Change Institute (1991-1996).

Consultant, Inter-Governmental Coordinating Committee (Southeast Asia Regional Cooperation in Family Planning and Population), Kuala Lumpur, Malaysia (1974-75)

Member (elected), Southeast Asia Committee of the Association for Asian Studies (1967-70 and 1982-1986)

Panelist, Interdisciplinary Communications Project, the Smithsonian Institute on Population and Family Planning, (1973-1976)

Chair (appointed), Malaysia Council of the Asia Society, New York (1967-68)

Executive Secretary, Southeast Asian Development Advisory Group [SEADAG] (1966-68). A liaison group created to bring scholars concerned with Southeast development in closer touch with the U.S. government's foreign aid program in the region.

Consultant, U.S. Agency for International Development, Washington DC. (1956-68 and 1979).

Previous Employment: During graduate study, served part time as a teaching assistant in introductory sociology courses and as a teaching associate in an integrated social science course (1951-61).

Military Service. Organization and Methods Examiner in an Ordnance Depot in France. Upon separation from the army, continued in the same post as a Department of the Army Civilian for six months, until leaving to take up a Fulbright Grant for study in Denmark.

PROFESSIONAL ASSOCIATIONS: American Sociological Association (1956-93)
Association of Asian Studies (1964-90)
Population Association of America (1982-90)

PUBLICATIONS:

“Urbanization and Its Environments,” Taniguchi, Makato ed., 2011, *Groundwater and Subsurface Environments: Human Impacts in Asian Coastal Cities*, (Tokyo: Springer Publications)

“Dilemmas of Local Government in a Global Age,” *Local Administration Journal*, Vol. 2, No. 3, September 2009, pp1-16.

“Human Impacts on Urban Subsurface Environments,” with Makoto Taniguchi and William C. Burnett, eds., Special Issue, *Science of the Total Environment*, Vol. 404, No. 9, (15 April 2009) pp 377-392

“Overview: Low Fertility in East and Southeast Asia, Forthcoming, in Nohiro Ogawa et al, *Low Fertility in East and Southeast Asia*, forthcoming, Nihon University Population Research Institute, occasional papers.

With Hirofumi Ando “Aging in Asian Cities, An Exploratory Analysis,” Nihon University Population Research Institute, NUPRI Research Paper Series No.75, April 2009, (Tokyo: Nihon University Population Research Institute).

Asian Urbanization for the New Millennium, edited with Prem P. Talwar, (Singapore: Michael Cavendish, 2005)

“Population Growth and Energy,” in Cutler J. Cleveland, Ed., *Encyclopedia of Energy*, (San Diego, CA: Elsevier 2004), pp

Review of Valerie M. Hudson & Andrea M. den Boer, *Bare Branches: The Security Implications of Asia's Surplus Male Population* (Cambridge, MA MIT Press, 2004).

"Human Population Dynamics and Integrative Action," in Frances R. Westley and Philip S. Miller, eds., Experiments in Consilience, (Washington: Island Press, 2003), Ch 13, pp 244-259.

"On Building Bridges between Specializations," Westley and Miller eds., op. cit, pp323-332.

Review of Sheldon Segal, 'Under the Banyan Tree: A Population Scientist's Odyssey,' The Quarterly Review of Biology, Vol. 78, No. 4, December 2003, pp 513-514.

"Modelling Asian Urban Population Environment Dynamics," with Peerasit Kamnuansilpa, Asian Journal of Social Science, Vol 30, No 1, 2002, pp 109-128.

Five Cities: Modelling Asian Urban Population Environment Dynamics, edited with Michael M. Low, (Singapore: Oxford University Press of Singapore, 2000).

Comment: Technology and Ethical Debates in Modern Population Planning, Science and Engineering Ethics, Vol. 5, pp 403-408, 1999.

"Bringing People into Population and Habitat Viability Analyses," with Ulie Seal, Onnie Byers and Frances Westley, Endangered Species Update, November/December 1998.

"Hopes for the Future," with Martin Holdgate, in Nicolas Polunin, ed, Population and Global Security, Cambridge: Cambridge University Press, 1998, pp 271-298.

"People and Habitat Protection," with Frances Westley, Ulysses Seal and Onnie Byers, in Parks, Vol. 8, No. 1, February 1998, pp 15-26.

AUICK, The First Decade: lessons learned and view of the future of the Asian Urban Information Center of Kobe, report of the first ten years of operations of the Center, Kobe Japan: AUICK, 1997

Environment for People: Building Bridges for Sustainable Development, with Mathew Wunder and Peter Wilshusen, prepared by UNFPA for presentation to the 1997 UN General Assembly Special Session on Rio Plus Five Years, New York: UNFPA, 1997

Population and Strategies for National Sustainable Development: a guidebook to assist environmental planners in dealing with population issues, London: Earthscan Press, 1997

"World Population Growth," in Brune, D., D.V. Chapman, M.D. Gwynne and J.M. Pacyna, eds. The Global Environment: Science, Technology and management, Bergen, Norway, Scandinavian Scientific Press, 1997, pp 637-656.

"People, Parks and Biodiversity," with Jeff McNeely, in Sai, Fred., ed., *People, Parks and Biodiversity*, Washington, DC: American Association for the Advancement of Science, 1995.

"Worlds Apart: Thailand and the Philippines," *People & the Planet*, Vol. 3, No. 3, 1994.

Population and Environment: Frameworks for Analysis, working paper of The Environmental and Natural Resources Policy and Training Project (EPAT), Madison, Wisconsin: EPAT, 1994.

Population-Environment Dynamics: Ideas and Observations, (with William Drake and Steven R. Brechin, co-editors), University of Michigan Press, 1993.

- “The Long View: Population-Environment Dynamics in Historical Perspective,” in Gayl D. Ness et al., Population-Environment Dynamics: Ideas and Observations, University of Michigan Press, 1993.
- “Powers and Limits of State and Technology,” in Gayl D. Ness et al. Population-Environment Dynamics: Ideas and Observations, University of Michigan Press, 1993.
- Population Dynamics and Port City Development: Comparative Analysis of Ten Asian Port Cities (with Kanae Tanigawa, ed.) Asian Urban Information of Kobe, January 1992.
- “Population Dynamics and Port City Development: An Overview,” in Gayl D. Ness et al., Population Dynamics and Port City Development: Comparative Analysis of Ten Asian Port Cities. Asian Urban Information Center of Kobe, January 1992.
- Population, Environment and Development, Proceedings of the Tokyo Symposium, 1989. For the Survival of Mankind, edited and produced the English version, Ann Arbor, MI: Dept. of PPIH, 1990.
- “Multi-Method Monitoring: A Portable Technology for Perceiving Population-Environment Dynamics,” (with Steven R. Brechin and Frank Zinn), 1990.
- “Global Population Assistance: The 1989 Assessment,” with Sandra Thomas, Populi, Vol. 16. No. 4, December 1989.
- “Bridging the Gap: International Organizations as Organizations,” (with Steven R. Brechin) International Organization, Spring 1988.
- “The Impact of International Population Assistance,” in Vernon W. Ruttan et al. Aid and Development, Baltimore, MD: Johns Hopkins University Press, 1988.
- “Asia’s Three Billion,” Populi, Vol. 15, No. 4, September 1988.
- Strategic Management in Family Planning Programs, (edited with Ellen Sattar), including two chapters: “Overview” and “Implementing Strategic Management in Population Programmes: The Search for Strategic Interventions,” Kuala Lumpur: ICOMP, 1988.
- “Family Planning Program Management: Literature, Concepts and Research Agenda” (with Jason L. Finkle and Ruth Simmons), prize-winning submission to ICOMP-AUPA international competition on population planning programs, Journal of Health Administration Education, Vol. 5, No. 1, Winter 1987.
- “Medium-sized Cities in Asia: New Issues in Population Planning,” Populi, Vol. 14. No. 4, December 1987.
- “Population Distribution in Planned Port Cities: A Comparative Study of Kobe and Singapore, with Comments on Tomakomi” in Nihon University Population Research Institute, Population Redistribution in Planned Port Cities, Tokyo: Nihon University Population Research Institute, 1986.
- “Asian Family Planning: The Effectiveness of Public Birth--Preventive Programs,” (with Karl Landis) Prevention in Human Services, Fall 1986.
- “Population Distribution in Planned Port Cities: A Comparative Study of Kobe and Singapore,” Nihon University Population Research Institute Monograph series, Fall 1986.
- “Asian Family Planning Program Performance” (with J. Timothy Johnson and Stan J. Bernstein) Population Research Leads, ESCAP, Bangkok, Thailand: ESCAP, 1985.
- “Managing Not So Small Numbers,” International Journal of Comparative Sociology, XXVI, 1985.

- The Land is Shrinking: Population Planning in Asia. (with Hirofumi Ando), Baltimore, MD: Johns Hopkins University Press, 1984.
- “The Political-Administration of Family Planning Programs in the States of India,” (with Kirsten Alser and Pramila Herajani), Demography, Kerala, India, 1984.
- “On the Institutional Analysis of Population Programs,” (with Ruth and George Simmons) Population Development Review, September 1983.
- “Integration and Family Planning Programme Performance: An Interpretive Summary,” (with Chan Onn Fong and Kwang Woong Kim,) Population Research Leads, No. 12, Bangkok: ESCAP Population Division, 1982.
- “The Political Economy of Integration in Development Strategies: Comment on Johnston and Meyer,” Economic Development and Cultural Change, Vol. 29, No. 2, January 1981.
- “AID’s Role in Indonesian Family Planning,” (with James Heiby and Barbara Pillsbury), USAID Program Evaluation Report No. 2, Washington DC, Agency for International Development, December 1979.
- “Organizational Issues in International Population Assistance,” in Philip M. Hauser, ed., World Population and Development: Challenges and Prospects, Syracuse, NY: Syracuse University Press, 1979, chapter 17.
- “Western Imperialist Armies in Asia,” Comparative Studies in Society and History, Vol. XIX, No. 1, January 1977.
- “Politics and Population Growth,” Populi, Vo. IV, No. 3, 1977.
- “The Politics of Population Planning in Malaysia and the Philippines,” Journal of Comparative Administration, November 1971, (with Hirofumi Ando).
- The Sociology of Economic Development, A Reader, Harper & Row: 1970.
- “Foreign Policy and Social Change,” R. Butwell (ed.) Foreign Policy and the Developing Nation, University of Kentucky Press, 1969.
- “Taiwan’s Joint Commission on Rural Reconstruction: A Model for Internationally Induced Development,” International Development Review, Fall 1968 (with Richard L. Hough).
- Bureaucracy and Rural Development in Malaysia, University of California Press, 1967.
- “Modernization and Indigenous Control of the Bureaucracy in Malaysia,” Asian Survey, September 1965.
- “Economic Development and the Goals of Government in Malaysia,” in Wang, Gung-wu (ed.) Malaysia, Praeger: 1964.
- “Community Development and Public Investment: the Programming of Economic Development in Malaysia,” The Developing Economies, December 1964.
- “Subdivision of Estates in Malaya 1951-1960: A Methodological Critique,” Malayan Economic Review, April 1964.
- “Trends Report on the Study of Social Stratification and Social Mobility in Malaysia,” East Asian Cultural Studies, 1964.
- “Population Growth, Economic Development and Development Policies,” Journal of Tropical Geography, May 1963.
- “Econocological Analysis and Differential Growth Rates, A Comment,” Human Organization, Winter 1962-63.

“Asian Overurbanization and the Industrial Distribution of the Labor Force,” Proceedings of the 2nd Bi-Annual Conference of the 2nd International Association of Asia, Taipei, September 1962.

“The Cooperative Movement and Industrial Capitalism in England and Denmark,” Berkeley Journal of Sociology, Spring 1961.

WORKING AND CONFERENCE PAPERS:

“Urban Metabolism” Paper presented at the International Symposium on Urban Metabolism, September 1993 in Kobe, Japan.

Population and Environment: What Do We Know? What Do We Need to Know?” Gayl Ness et al. EPAT Population-Environment Working Paper, March 1993.

“A Political-Ecological Perspective on Modern Population Planning” Paper presented at the Population Association of America meetings, April 1983.

“Political Administrative Systems and Bureaucratic Rationality: Family Planning Programs in Malaysia, Singapore, Korea and the Philippines.,” Association for Asian Studies, New York, March 1977.

“Cadres and Capitalists,” Varying Entrepreneurial Strategies in Generating Popular Participation (Family Planning Programming in Thailand and China). Paper presented at the University of Ohio Symposium on Modern Southeast Asia, May 1976.

“The Ethnic Numbers Game and Population Policy in Malaysia,” Paper presented at the American Political Science Association annual meetings, Chicago, September 1976.

“The Evaluation of Integration in Family Planning Programmes,” Working paper prepared for the Population Division, ESCAP, Bangkok, Thailand, April 1975.

“Energy Feedback Loops and Organizational Characteristics,” background paper for Inter-Governmental Coordinating Committee (IGCC) meeting between marketing experts and family planning administrators, Penang, Malaysia, September 1974.

“Organization and Technology in Family Planning Programming,” paper prepared for the Division of Public Administration and Finance, United Nations, New York, December 1974.

“Metropolitan Power and the Demise of Overseas Colonial Empires” with Jeannine R. Ness; paper read at 1972 meetings, American Sociological Association.

UNITED NATIONS PAPERS:

Global Population Assistance 1982-1990. Prepared and published for the United Nations Population Fund, 1991.

Global Population Assistance, 1991, Prepared and published for the United Nations Population Fund, 1992.

Global Population Assistance, 1992, Prepared and published for the United Nations Population Fund, 1993.

“Integration and Family Planning Programme Performance: An Interpretive Summary,” (with Chan-Onn Fong and Kwang-Woong Kim) Population Research Leads, No. 12, Bangkok: ESCAP, Population Division, 1982.

Regional Seminar on Evaluation of Schemes and Strategies for Integrated Family Planning Programmes with Special Reference to Increased Involvement of Local Institutions, Asian Population Studies Series No. 51, Bangkok: ESCAP Population Division, 1982.

“On Integration in Family Planning Programming: A Background Paper” and “Report on UNFPA/EWPS Technical Working Group Meeting on Integration of Family Planning with Rural Development,” East-West Population Institute, Honolulu, Hawaii, February, 1978. Both included in UNFPA, Policy Development Studies, No. 1, New York: UNFPA, 1979.

Report of a Comparative Study on the Administration of Family Planning Programmes in the ESCAP Region: Organizational Determinants of Performance in Family Planning Services, Asian Population Studies Series No. 29, Bangkok: ESCAP, Population Division, 1977.

“Organizational Waves: Seasonal Variation in the Korean Family Planning Programme,” 1976.

“Organizational Aspects of Integrating Family Planning with Development Programmes in the ESCAP Region: A Background Paper,” Prepared for an Expert Group Meeting on Organizational Aspects of Integrating Family Planning with Development Programmes, Bangkok, Thailand, November 1976.

“ESCAP Study on Family Planning Administration in the Republic of Korea: Interpretive Summary,” Population Division, ESCAP, Bangkok, Thailand, 1975.

“An Experiment in Administrative Research,” Paper prepared for U.S. ESCAP Population Division Region Seminar on the Role of Surveys and Studies for Family Planning Programme Management and Development, Bangkok, Thailand, 1974.