

DEBORAH L. BALK

School of Public Affairs
Baruch College
City University of New York
Box D-901
One Bernard Baruch Way
New York, NY 10010

email: deborah.balk@baruch.cuny.edu

phone: 646-660-6762

fax: 646-660-6770

updated : September 2010

EDUCATION

PhD, University of California, Berkeley, Demography	1987 – 1991
MPP, University of Michigan, Ann Arbor, Public Policy	1983 – 1985
AB, University of Michigan, Ann Arbor, International Relations	1980 – 1984

CURRENT AND PAST POSITIONS

Professor, School of Public Affairs, Baruch College, City University of New York, 2010– present. (Associate Professor, October Fall 2006–2009)

Professor, Graduate Center, City University of New York (CUNY), Program in Economics, January 2007– present; Program in Sociology, 2010– present. (Associate Professor, October Fall 2006–2009)

Associate Director, CUNY Institute for Demographic Research, August 2007 – present (Acting, October 2006–July 2007)

Research Scientist, Center for International Earth Science Information Network (CIESIN), Columbia University, June 2006– present (as Adjunct, starting Oct 2006) (Associate Research Scientist, 1998– June 2006)

Lead Project Scientist, Socioeconomic Data and Applications Center, CIESIN, Columbia University, 2000–2006

Adjunct Assistant Professor, Department of Sociology, Columbia University, Winter 2000

Co-Project Scientist, Socioeconomic Data and Applications Center, CIESIN, Columbia University, 1998–2000

Research Fellow, Program on Population, East-West Center. 1994–1997

Mellon Post-Doctoral Scholar, Population Studies Center, University of Michigan. 1991–1994

Adjunct Assistant Professor, Department of Sociology, University of Michigan. Winter 1993

Resident Consultant, International Centre for Diarrhoeal Disease Research, Bangladesh. 1985–1987

PUBLICATIONS

Peer-reviewed Publications

C. Small, D. Balk, C. Elvidge and M. Montgomery, (forthcoming) "Spatial Scaling of Stable Night Lights," *Remote Sensing of the Environment* (v) n: pp-pp.

M.R. Montgomery, and D. **Balk** (forthcoming, 2010) “The Urban Transition in Developing Countries: Demography Meets Geography” in E. Birch and S. Wachter (eds), *Global Urbanization in the 21st Century* (Philadelphia: University of Pennsylvania Press).

D. **Balk**, 2009. “More than a name: Why is Global Urban Population Mapping a GRUMPy proposition?” In P. Gamba and M. Herold, (eds.) *Global Mapping of Human Settlement: Experiences, Data Sets, and Prospects*, New York: Taylor and Francis, pp. 145-161.

Nghiem, S. V., D. **Balk**, E. Rodriguez, G. Neumann, A. Sorichetta, C. Small. and C. D. Elvidge, 2009. “Observations of Urban and Suburban Environments with Global Satellite Scatterometer Data,” *ISPRS Journal of Photogrammetry and Remote Sensing* 64 (2009): 367-380.

M. Wirth, E. Sacks, E. Delamonica, A. Minujin, A. Storeygard, and D. **Balk**, 2008. “Delivering” on the MDGs: Equity and maternal health in Ghana, Ethiopia and Kenya,” *East African Journal of Public Health* 5(3): 133-141.

D. **Balk**, G. McGranahan, and B. Anderson, 2008. “Urbanization and Ecosystems: recent patterns and future implications,” in G. Martine, G. McGranahan, and M. Montgomery (eds) The New Global Frontier: Cities, Poverty And Environment In The 21st Century (London: Earthscan Publishers), pp: 183-201.

G. McGranahan, D. **Balk** and B. Anderson, 2008. “A summary of the risks of climate change and urban settlement in low elevation coastal zones” in G. Martine, G. McGranahan, and M. Montgomery (eds) The New Global Frontier: Cities, Poverty And Environment In The 21st Century (London: Earthscan Publishers), pp: 165-181.

A. Storeygard, D. **Balk**, M. Levy and G. Deane, 2008. “Infant Mortality Rates: Towards a Spatial View,” *Population, Space and Place*, 14 (3): 209-229.

K.E. Jones, N. G. Patel, M. A. Levy, A. Storeygard, D. **Balk**, J. L. Gittleman, and P. Daszak, 2008. “Global trends in emerging infectious diseases” *Nature*, 451: Feb 2008: 990-994.

S. Doocy, G. Burnham, Y. Gorokhovich, D. **Balk** and C. Robinson, 2007. “Tsunami Mortality Estimates and Vulnerability Mapping in Aceh, Indonesia,” *American Journal of Public Health*. (S1): S146–S151.

G. McGranahan, D. **Balk** and B. Anderson, 2007. “The rising risks of climate change: Urban population distribution and characteristics in low elevation coastal zones,” *Environment and Urbanization*. 19(1):17-37. (Reprinted in *Adapting Cities to Climate Change* in J. Bicknell, D. Dodman, and D. Satterthwaite London: Earthscan, 2009).

D. **Balk**, M. Wirth, E. Delamonica, A. Storeygard, E. Sacks, and A. Minujin, 2006. “Multidimensional disparities in maternal and child health: Measuring a baseline, Monitoring the future,” in Human Rights and Social Policies for Children and Women: The Multiple Indicator Cluster Survey (MICS) in Practice, A. Minujin and E. Delamonica, eds. (New York: New School University).

M. Wirth, D. **Balk**, E. Delamonica, A. Storeygard, E. Sacks, and A. Minujin, 2006. “Setting the stage for equity-sensitive monitoring of the maternal and child health MDGs,” *Bulletin of the World Health Organization*, 84(7): 519-527.

- D. L. **Balk**, U. Deichmann, G. Yetman, F. Pozzi, S.I. Hay, and A. Nelson, 2006, "Determining Global Population Distribution: Methods, Applications and Data," in Hay, S.I., Graham, A.J. and Rogers, D.J. (eds), *Global mapping of infectious diseases: methods, examples and emerging applications. Advances in Parasitology*, volume 62. (London: Academic Press), pp. 119-156.
- D. **Balk**, A. Storeygard, M. Levy, J. Gaskell, M. Sharma, R. Flor, 2005. "Child hunger in the developing world: An analysis of environmental and social correlates," *Food Policy*, 30: 5-6 (2005) 584–611.
- L. VanWey, R. Rindfuss, M. Gutmann, B. Entwisle, and D. **Balk**, 2005. "Confidentiality and Spatially Explicit Data: Concerns and Challenges," *Proceedings of the National Academy of Sciences*, 102 (43): 15337–15342.
- G. McGrahanan, P. Marcotullio, X. Bai, D. **Balk**, T. Braga, I. Douglas, T. Elmqvist, W. Rees, D. Satterthwaite, J. Songsore, and H. Zlotnik, 2005. "Urban Systems", Chapter 22 in Conditions and Trends Assessment of the Millennium Ecosystem Assessment, Chicago: Island Press.
- R. deFries, S. Pagiola, W.L. Adamowicz, H. Akçakaya, A. Arcenas, S. Babu, D. **Balk**, U. Confalonieri, W. Cramer, F. Falconí, S. Fritz, R. Green, E. Gutiérrez-Espeleta, K. Hamilton, R. Kane, J. Latham, E. Matthews, T. Ricketts, T. X. Yue., 2005. "Analytical Approaches for Assessing Ecosystem Condition and Human Well-Being," Chapter 3 in the in Conditions and Trends Assessment of the Millennium Ecosystem Assessment, Chicago: Island Press.
- D. **Balk**, T. Pullum, A. Storeygard, F. Greenwell, M. Neuman, 2004. "A Spatial Analysis of Childhood Mortality in West Africa" *Population, Space and Place* 10: 175-216.
- K. Yount and D. **Balk**, 2004. "A Demographic Paradox: Causes and consequences of Female Genital Cutting in Northeastern Africa." *Advances in Gender Research* 8: 199-249.
- B. O'Neill and D. **Balk**, September 2001. "Projecting World Population Futures" *Population Bulletin* 56(3), also available at http://www.prb.org/Content/NavigationMenu/PRB/AboutPRB/Population_Bulletin2/World_Population_Futures.htm
- B. O'Neill, D. **Balk**, M. Brickman, and M. Ezra. 2001. "A guide to global population projections" *Demographic Research*, 48 (8): 203-288, available at <http://www.demographic-research.org/>. Also available at http://sedac.ciesin.columbia.edu/tg/guide_main.jsp
- D. **Balk**. 2000. "To Marry and Bear Children? The Demographic Consequences of Female Circumcision in the Sudan," in *Female 'Circumcision' in Africa: Culture, Controversy and Change*, Bettina Shell-Duncan and Ylva Hernlund (eds), Lynne Rienner Publishers.
- D. **Balk**. 1997. "Defying Gender Norms in Rural Bangladesh: A Social Demographic Analysis," *Population Studies*, 51(2): 153–172.
- D. **Balk** and S. Lahiri. 1997. "Awareness and Knowledge of AIDS among Indian Women," *Health Transition Review*, 7 (Supplement): 421–465. (<http://www-nceph.anu.edu.au/htr/htr.htm>.)

D. **Balk**, 1994. "Individual and Community Aspects of Women's Status and Fertility in Rural Bangladesh," *Population Studies*, 48(1): 21–45.

G. Simmons, D. **Balk** and K. K. Faiz, 1991. "A Cost-Effectiveness Analysis of Family Planning Programs in Rural Bangladesh: Evidence from Matlab," *Studies in Family Planning*, 22(2): 83-101.

Selected Policy Papers & Reports, Recent Working Papers, or Conference Proceedings (including non-peer reviewed edited volumes)

D. **Balk**, M. R. Montgomery, G. McGranahan, D. Kim, V. Mara, M. Todd, T. Buettner, and A. Dorelien, 2009. "Mapping Urban Settlements and the Risks of Climate Change in Africa, Asia, and South America," In George Martine, Jose-Miguel Guzman, Gordon McGranahan, Daniel Schensul, and Cecilia Tacoli (editors), *Population Dynamics and Climate Change*, New York: United Nations Population Fund and International Institute for the Environment and Development, pp. 80-103. (Available at: <http://www.iied.org/pubs/display.php?o=G02650>)

D. **Balk**, M. R. Montgomery, G. McGranahan, and M. Todd, 2009. "Understanding the Impacts of Climate Change: Linking Satellite and Other Spatial Data with Population Data ," In George Martine, Jose-Miguel Guzman, Gordon McGranahan, Daniel Schensul, and Cecilia Tacoli (editors), *Population Dynamics and Climate Change*, New York: United Nations Population Fund and International Institute for the Environment and Development, pp. 206-217. (Available at: <http://www.iied.org/pubs/display.php?o=G02658>)

Balk, D. 2008. "Urban Population Distribution And The Rising Risks Of Climate Change," In United Nations Expert Group Meeting On Population Distribution, Urbanization, Internal Migration and Development (New York, 21 – 23 January 2008), NY: United Nations (Publication ESA/WP.206), pp. 335-344.

G. McGranahan, D. Balk and B. Anderson, 2008. "Climate Change and the Risks of Settlement in the Low Elevation Coastal Zone," Newsletter of the Integrated Management of Coastal and Freshwater Systems, (January). Also appeared in the *IHDP Update* (Oct 2007), Magazine of the International Human Dimensions Programme on Global Environmental Change; and *The Edge: The Magazine of CoastNet* (Autumn 2007).

Contributor to State of the World Population 2007: Unleashing the Potential of Urban Growth. New York: UNFPA (United Nations Fund for Population Activities)

G. McGranahan, D. Balk and B. Anderson, (2006). "Low coastal zone settlements" *Tiempo: A Bulletin on Climate and Development*, issue 59: April. Available at: www.teimpyberclimate.org .

D. Balk, M. Brickman, B. Anderson, F. Pozzi, G. Yetman, 2005. "Estimates of Future Global Population Distribution to 2015," Annex in Salvatore M., Pozzi F., Ataman E., Huddleston B. and Bloise M. Mapping global urban and rural population distributions. Environmental and Natural Resources Working Paper N. 24, (Rome: United Nations Food and Agriculture Organization).

- M. Levy, D. Balk, G. Deane, A. Storeygard, and S. Ahamed, "The Geographical Correlates of Global Poverty," Paper presented at the Open Meeting of Human Dimensions of Global Change Research, Bonn, Germany, October 2005.
- D. Balk, F. Pozzi, G. Yetman, U. Deichmann, and A. Nelson. 2005. "The distribution of people and the dimension of place: Methodologies to improve the global estimation of urban extents." International Society for Photogrammetry and Remote Sensing Proceedings of the Urban Remote Sensing Conference, Tempe, AZ, March 2005.
- D. Balk, Y. Gorokhovich, and M. Levy, 2005. "Estimates of Coastal Population Exposed to the 26 December 2004 Tsunami," Note prepared for the Humanitarian Information Unit of the US Department of State, 7 January 2005, available at <http://www.ciesin.columbia.edu/tsunami2004.html> (and Presented at the Columbia University School of International and Public Affairs, "Tectonics, Politics and Ethics: The Tsunami and Its Aftermath, March 2005).
- D. Balk, A. Storeygard, and G. Booma, "Mapping Access to Maternal Health Care Facilities in Bangladesh", Prepared for the Millennium Project Task Force 4 on Maternal and Child Mortality, 6 February 2004. (Available from www.unmillennium.org).
- D. Balk, T. Pullum, A. Storeygard, F. Greenwell, M. Neuman, 2003. "A Spatial Analysis of Mortality in West Africa" GIS series 1, Demographic and Health Surveys, Calverton, MD: Macro International. (also presented at the Annual Meetings of the Population Association of America, Boston, April 2004, and the Association of American Geographers Meeting, Philadelphia, March 2004).
- D. Balk. "Integrating Socioeconomic and Demographic Data with Satellite Data for Public Health Applications," paper presented at a Special Session at the American Public Health Association Annual Meetings, San Francisco, November 2003.
- S. Findley, D. Balk, N. Sogoba, O. Nyiade, and M. Barlow. "Tracking the Sensitivity of Early Childhood Diseases to Climate Variability in Niono District, Mali" paper presented at the Population Association of America Annual Meeting, Washington, DC, Atlanta, May 2002.
- S. Nghiem, D. Balk, C. Small et al. Nov. 2001, "Global Infrastructure Mapping: The Potential for SRTM to Break New Ground" White Paper produced from Workshop on, available at: <http://www.ciesin.columbia.edu/whitepaperfinal.pdf>.
- A. Fairchild, D. Balk, M. Lynch, E. Robilloti, and M. Brickman. "Death and density: TB, population, and housing in turn-of-the century New York City, Paper presented at the Annual Meeting of the American Public Health Association, Atlanta, GA, October 2001.
- U. Deichmann, D. Balk and G. Yetman, Oct. 2001. "Transforming Population Data for Interdisciplinary Usages: From Census to Grid," available at <http://sedac.ciesin.columbia.edu/plue/gpw/GPWdocumentation.pdf>.
- D. Balk. 1997. "Changes come slowly for women in rural Bangladesh," *Asia-Pacific Population and Policy*, no. 41, April.

D. Balk, T. Brown, G. Cruz, and L. Domingo. 1997. "Are young people in the Philippines taking chances with AIDS?" *Asia-Pacific Population and Policy*, no. 40, January.

S. Lahiri, D. Balk, and K. B. Pathak. 1995. "Women in 13 States Have Little Knowledge of AIDS," *NFHS Bulletin*, No. 2. October.

D. Balk, K. K. Faiz, U. Rob, J. Chakraborty, and G. Simmons, 1988. *An Analysis of the Costs and Cost-Effectiveness of the Family Planning Health Services Project in Matlab*, Bangladesh (Dhaka: International Centre for Diarrhoeal Disease Research, Bangladesh).

Papers presented frequently at these annual or periodic meetings:

Population Association of America

Association of American Geographers

International Union for the Scientific Study of Population Conference

Open Meeting of the Human Dimensions of Global Change Research Community

A full list of conference presentations and invited lectures is available upon request.

Training Materials

(Interview) "The Habitable Planet: A systems approach to Environmental Science" (video).

<http://envdev.digitalgizmo.com/channel/courses/envsci/about/index.php> (a multimedia course for high school teachers and adult learners). Harvard/Smithsonian, 2007.

Contributor to *Measuring Human Development: A Primer*. (Guidelines and Tools for Statistical Research, Analysis and Advocacy) New York: United Nations Development Program, 2007.

Wirth, M., E. Delamonica, E. Sacks, D. Balk, A. Storeygard, and A. Minujin, January 2006. *Monitoring Health Equity in the MDGs: A Practical Guide*. New York: CIESIN, Columbia University and UNICEF. (Available at: http://sedac.ciesin.columbia.edu/povmap/downloads/analysis/Health_equity_Guidelines.pdf) Accompanied by "Indicators for Policy Management and Advocacy," MDGs and Statistical Literacy, United Nations Development Programme, March 2006.

INFORMATION RESOURCES

On-line guides:

de Sherbinin, A., D. Balk, K. Yager, M. Jaiteh, F. Pozzi, C. Giri, and A. Wannebo. 2002. *Social Science Applications of Remote Sensing*, A CIESIN Thematic Guide (peer-reviewed), Palisades, NY: Center for International Earth Science Information Network of Columbia University. Available on-line at http://sedac.ciesin.columbia.edu/tg/guide_main.jsp

O'Neill, B., D. Balk, M. Brickman, and M. Ezra. 2001. *A Guide to Global Population projections: A CIESIN Thematic Guide* (peer-reviewed) available at http://sedac.ciesin.columbia.edu/tg/guide_main.jsp

DATABASES

The following peer-reviewed databases are those to which I made fundamental contributions to the development and dissemination. Citation links provide details:

Global Rural Urban Mapping Project (GRUMP) Data Collection.

GRUMP Human Settlements

Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IPFRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Settlement Points. Palisades, NY: CIESIN, Columbia University. Available at: <http://sedac.ciesin.columbia.edu/gpw>.

GRUMP Urban Extents

Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IPFRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Urban Extents. Palisades, NY: CIESIN, Columbia University. Available at: <http://sedac.ciesin.columbia.edu/gpw>.

GRUMP 1km Population Grid

Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IPFRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Gridded Population of the World, version 3, with Urban Reallocation (GPW-UR). Palisades, NY: CIESIN, Columbia University. Available at: <http://sedac.ciesin.columbia.edu/gpw>.

Gridded Population of the World (GPW) Data Collection.

Center for International Earth Science Information Network (CIESIN), Columbia University; and Centro Internacional de Agricultura Tropical (CIAT), 2004. *Gridded Population of the World (GPW), Version 3*. Palisades, NY: Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.

Poverty Mapping Data Collection.

Global Infant Mortality Database

Center for International Earth Science Information Network (CIESIN). 2005. Global subnational infant mortality rates [dataset]. CIESIN, Columbia University, Palisades, NY, USA. Data are publicly available at <http://ciesin.columbia.edu/povmap/>.

Global Child Underweight Database

Center for International Earth Science Information Network (CIESIN). 2005. Global subnational rates of child underweight status [dataset]. CIESIN, Palisades, NY, USA. Data are publicly available at <http://ciesin.columbia.edu/povmap/>.

Population, Landscape, and Climate Estimates (PLACE)

Center for International Earth Science Information Network (CIESIN), Columbia University, 2002. National Aggregates of Geospatial Data: Population, Landscape and Climate Estimates (PLACE), Palisades, NY: CIESIN, Columbia University. Available at: <http://sedac.ciesin.columbia.edu/plue/nagd/place>

FUNDING ACQUIRED

(PI unless otherwise noted)

National Institutes of Child Health and Development, ARRA Administrative Supplement, R21 HD054846, *Revitalizing Urban Population Projections: New Data, New Methods*, 9/09 – 3/31/11.

National Institutes of Child Health and Development, R21 HD054846, *Revitalizing Urban Population Projections: New Data, New Methods*, 4/16/07 – 3/31/11.

International Institute for Environment and Development, *Urbanization Concept Notes* 6/1/08-6/30/09.

PSC-CUNY Research Award, Retrofitting Demographic and Health Survey Data: A Pilot Study to Determine Geographic Locations of Survey Clusters, 7/07 – 12/08.

United Nations Habitat, 74628-00, *State of the World's Cities: Urbanization and Ecosystems* 6/1/07 –6/30/08.

NASA-Jet Propulsion Laboratory, 74559-00, *Advanced Synthetic Aperture Scatterometer (SAS) Concept and Dense Sampling Method (DSM) for Global Land Use Change in Urban and Suburban Environments*, 9/1/06 – 2/29/08.

National Science Foundation, SBE-0525216/SBE-0525130, (Collaborative Proposal), *Socio-economic and Environmental Drivers of Emerging Infectious Diseases*, 12/1/05 – 12/31/06.

International Union for the Scientific Study of Population 74572-00, *Workshop & Write-up on Advancing New Methods to Revise Urban Population Projections*, Co-sponsored by the International Union for the Scientific Study of Population and the United Nations Population Division. 3/05 – 12/08.

United Nations Millennium Project Task Force of Child and Maternal Mortality, *Setting the Stage for Equity-Sensitive MDG Monitoring*, 6/04 – 6/05.

United Nations Food and Agriculture Organization, *Gridded Global Population Density, Projected to 2015*, 1/04 – 10/04.

An Assessment of Hunger Hotspots in Africa, (co-PI with M. Levy), United Nations Millennium Project Task Force on Hunger, 3/04 – 8/04.

Spatial Analysis of Child Mortality in Sub-Saharan West Africa, Macro International, 3/03 – 3/04.

Development of Spatial Databases of Human Settlements and of Urban and Rural Population Distribution for the Developing World, World Conservation Monitoring Centre, 1/03–12/03; and International Food Policy Research Institute, 1/01–12/02.

Methodology for applying IRI climate forecast for local public health interventions: A pilot study of climate-health-population mobility interactions in Mali, International Research Institute for Climate Prediction, 2/01-12/02, co-PI with Sally Findley (PI).

Human Dimension of Climate and Land Cover Change in Kenya, Columbia University Earth Institute SMART Fund Award, 12/00 – 6/02.

TEACHING

Courses Taught

At CUNY

Research and Analysis II (PAF 9172), School of Public Affairs, Baruch College, CUNY
Map Making for Policy (PAF 9600), School of Public Affairs, Baruch College, CUNY

Elsewhere

Population and Development (Graduate Seminar). Winter 2000. Department of Sociology, Columbia University

Women's Status and Demography: In Theory and In Practice (Graduate seminar). Winter 1993.
Departments of Sociology and Population Planning and International Health/School of Public Health, University of Michigan.

Introduction to Peace Studies. (Undergraduate survey course, team taught with faculty), Winter 1985.
College of Literature, Science and the Arts, University of Michigan.

Periodic guest lecturing in geography, demography, public health, public policy courses, 1998–2006.

SERVICE

To the University

CUNY School of Public Health at Hunter College, Multiple tenure-track faculty lines in Epidemiology (open rank), 2009–2010.

Baruch College, CUNY, School of Public Affairs, Assistant/Associate Professor of Higher Education Search Committee Chair, 2009–2010.

Baruch College, CUNY, School of Public Affairs, Promotions & Budget Committee, Fall 2008 –

Baruch College, CUNY, School of Public Affairs, Ad-hoc service to the Curriculum Committee, Coordinator (with Dahlia Remler), Quantitative Skills Workshop, 2007–2008.

CUNY Institute for Demographic Research, Various Faculty Searches (Director Search Committee, 2006–07; Baruch College, Economic Demography Search 2007–08; Hunter College, Sociology Search, 2007–08); Chair of Search Committees for Director of Administration and Operations; Director of Computing (2007–08).

Baruch College, CUNY, School of Public Affairs, Associate Dean Search Committee, 2007–2008

Baruch College, CUNY, School of Public Affairs, Curriculum Committee, Fall 2007 – present (Chair, 2008 – 2009).

Baruch College, CUNY, Facilities Committee, Fall 2006 –

Columbia University, Earth Institute, CIESIN Director Search Committee, June-December 2006

Columbia University, Institute for Social and Economic Research and Policy (ISERP), Robert Wood Johnson Health & Society Scholars Post-doc recruitment, 2004

Columbia University, Provost's Salary Equity Committee, 2003–2006

Columbia University, Lamont Doherty Earth Observatory, Non-Doherty Appointments and Promotions guidelines working group to the Promotions & Careers Committee, 2000–2004

To the Profession

International Union for the Scientific Study of Population, Member, Panel on Urbanization, 2004-2008.

National Research Council, Member, Panel on Confidentiality Issues Arising from the Integration of Remotely Sensed Data with Social Science Survey, Committee on the Human Dimensions of Global Change, January 2005–December 2006.

National Research Council, Member, Committee on the Effective Use of Data, Methodologies and Technologies to Estimate Sub-national Populations at Risk, *ad hoc* committee of the Geographic Sciences Committee, November 2005-September 2006.

Organizing committee, Bi-annual Meeting URS (Urban Remote Census)/Urban2007 of the ISPRS, 2006–2007.

Measure Demographic and Health Survey GIS Working Group, Macro International, 2000–2005

Organizing Committee, Annual Meetings of Population Association of America, 1997

Reviews

Book Reviews

Women's Empowerment and Demographic Processes: Moving Beyond Cairo, Harriet Presser and Gita Sen, eds., in *Studies in Family Planning*, September 2001, 32 (3).

Fertility Transitions, Family Structure, and Population Policy. Calvin Goldscheider, ed. in *Contemporary Sociology*, March 1993, 22, (2): 219–220.

Invited panel reviews

National Institutes of Health, Reviewer, Special Emphasis Panel, July 2009.

Swedish Research Council, External Reviewer for Linnaeus Grants, 2008.

National Aeronautics and Space Administration, Applied Sciences Program, Panel Reviewer for Decision 05 CAN study proposals, 2005.

National Research Council, Paper review for the Panel on New Research in Population and the Environment, 2004.

National Institutes of Health, Invited to be a panel reviewer for the Health, Environment and Economic Development RFA (declined due to conflict of interest), 2003.

Occasional reviewer for *Population Studies*; *Demography*; *Population, Space and Place*; *Studies in Family Planning*; *International Family Planning Perspectives*; *American Journal of Tropical Medicine and Hygiene*; *Ambio*; *Remote Sensing and Environment*; and *Public Opinion Quarterly* (among others).

Workshop Organization

New York Research Data Center Census Data Workshop, Spring 2008, member, organizing committee

Rethinking the Estimation and Projection of Urban and City Populations, January 2006, co-organizer

Global Spatial Data and Information User Workshop, September 2004, co-organizer

Confidentiality and Geospatial Data Workshop, for NASA's Public Health Applications Program, June 2003, co-organizer

Global Poverty Mapping, March 2003, co-organizer

Global Infrastructure, October 2000, Lead organizer

Gridded Population, May 2000, Lead organizer

ODDS & ENDS

Memberships

International Union for the Scientific Study of Population (long-term)

Population Association of America (long-term)

American Sociological Association (occasional)

American Public Health Association (occasional)

Association of American Geographers (occasional)

Social Science History Association (occasional)

Academic Honors and Scholarships

William and Flora Hewlett Foundation Fellow 1989–1991

Accelerated Master's Degree in Public Policy 1983–1985

Honor's Program, College of LS&A, University of Michigan 1980–1983