

MARK R. MONTGOMERY

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Personal Information

Citizenship US

Addresses

Department of Economics Stony Brook University, Stony Brook, NY 11794; email mark.montgomery@stonybrook.edu

Positions Held

- 1999–2023** Senior Associate, The Population Council
1999– Professor, Department of Economics, Stony Brook University, New York
1993–98 Research Associate, Policy Research Division, The Population Council
1995–96 Acting Chair, Department of Economics, State University of New York, Stony Brook
1992–98 Associate Professor, Department of Economics, State University of New York, Stony Brook
1988–92 Assistant Professor, Department of Economics, State University of New York, Stony Brook.
1988–89 Rockefeller Foundation Senior Fellow, Department of Geography and Planning, University of Lagos, Lagos, Nigeria.
1982–88 Assistant Professor, Department of Economics, and Faculty Associate, Office of Population Research, Princeton University.

Education

- 1982** Ph.D., Economics, University of Michigan, Ann Arbor.
1975 B.A. in Economics, summa cum laude, University of North Carolina, Chapel Hill.

Professional Activities

- 1984, 1991** National Institutes of Health Special Projects Review Board, Population Study Section.
1987–90 Dorothy S. Thomas Award Committee, Population Association of America.
1990 Member, Needs Assessment Team in Population and Family Planning. Population, Health and Nutrition Technical Division, The World Bank.
1990–93 Member, Panel on the Population Dynamics of Sub-Saharan Africa, Working Group on Factors Affecting Contraceptive Use. Committee on Population, National Research Council, National Academy of Sciences.
1991–97 Member, Scientific Advisory Panel, Alan Guttmacher Institute.
1992–95 Member, Fellowship Committee, The Population Council.
1990–93 Organizer (with J. Klerman and W. Sanderson) of Economic Demography Seminar held in conjunction with the Annual Meetings of the Population Association of America.
1993–96 Member and Chair, Mindel Sheps Award Committee, Population Association of America.
1993–95 Member, Panel on The Role of Planned Childbearing in the Health and Welfare of Children, Women and Families. National Institute of Medicine, National Academy of Sciences.
1994–97 Member, Panel on Reproductive Health, National Academy of Sciences.
1993–99 Member, Committee on Population, National Academy of Sciences.
1995 Organizer (with B. Cohen), National Academy of Sciences Workshop, “Re-evaluating the Link Between Infant and Child Mortality and Fertility,” November.
1995–96 Co-organizer (with C. Bledsoe, J. Casterline), National Academy of Sciences Workshop, “Education and Fertility in the Developing World,” Washington D.C., February.
1998–99 Member, Steering Committee, “Cairo in Action” project, Population Reference Bureau.
1997–98 Co-organizer (with J. Casterline), National Academy of Sciences Workshop, “Social Processes Underlying Fertility Change in Developing Countries,” Washington D.C., January.
1999–2002 Member, Advisory Board on the Demography Program, The Mellon Foundation.
1999–2003 Co-Chair (with Richard Stren), Panel on Urban Population Dynamics, Committee on Population, The National Academy of Sciences.

- 2003–2007 Chair, Scientific Panel on Urbanization, International Union for the Scientific Study of Population.
- 2005–10 Member, Board of Directors of the African Population and Health Research Centre, Nairobi, Kenya
- 2008– Member, Advisory Board, Urban Health Resource Centre, New Delhi, India.
- 2008–18 Member, Editorial Board, *Journal of Urban Health*
- 2009–2010 Chair, Epidemiology and Population Sciences (EPS) Integrated Review Group ZRG1 EPS-C 90, Center for Scientific Review, National Institutes of Health.
- 2009–2013 Member, User Working Group, NASA Socioeconomic Data and Applications Center (SEDAC), Center for Integrated Earth Science Information Network (CIESIN), Earth Institute, Columbia University.
- 2009–11 Member, Roundtable for Urban Living Environment Research (RULER) on urban health metrics and methods, supported by the Rockefeller Foundation.
- 2011–15 Member, Population Sciences Subcommittee Initial Review Group, National Institute of Child Health and Human Development (NICHD), National Institutes of Health.
- 2011– Member, Scientific Advisory Board, Wittgenstein Center for Demography and Global Human Capital, Vienna, Austria.
- 2012–13 Member, PURSUIT 2012T1-005, “Where Cities Get Their Water,” National Socio-Environmental Synthesis Center (SESYNC) working group, supported by the National Science Foundation.
- 2012–14 Member, Advisory Board, Integrated Demographic and Health Series Project (I-DHS), Minnesota Population Center.
- 2012–13 Session Organizer for 2013 Meetings, International Union for the Scientific Study of Population.
- 2014 Steering Committee Member, Scenarios and Interpretive Science Working Group of the U.S. Global Change Research Program (USGCRP).
- 2015–16 2015–16 Organizer, chair, and discussant for Population Association of America annual meetings, sessions on “Migration Responses to Climate Extremes” and “Extreme Event Risk Perceptions and Consequences” (Washington, DC: 1–2 April 2016).
- 2016–19 Member, Robert J. Lapham Award Committee, Population Association of America
- 2018 Member, Program Committee, 2019 Population Association of America Meetings.
- 2018–23 IUSSP Panel on Family Planning for Urban Development.
- 2019 Member, Program Committee, 2019 Interdisciplinary Association of Population Health Science (IAPHS) Meetings.
- 2019– Editorial Board Member, *Urban Sustainability* (a Partner Journal of *Nature Research*)
- 2020–21 Lead Organizer of all urbanization sessions, Program Committee, 2021 Meetings of the International Union for the Scientific Study of Population.

Other Service to Professional Organizations: Discussant for PAA annual meetings session “The Heat Is On: Impacts of Heat on Early-Life Outcomes” (Chicago: 28 April 2017). Co-organizer (with Jessie Pinchoff, Deborah Balk, and others) of the 2018–20 New York-area seminar series “Population Dynamics and Environmental Change,” co-hosted by the Population Council, the CUNY Institute for Demographic Research, CIESIN (Columbia University), and the United Nations Population Division.

Reviewer (2018–23) for *Demography*; *Population Studies*; *Population and Development Review*; *World Development*; *PNAS* (Guest Editor); *PLOS*; *Nature Sustainability*; *Environmental Research Letters*; *Population and Environment*; *Environment & Urbanization*; *Remote Sensing of Environment*; *Journal of Urban Health*; *International Health*; *Health and Place*; *Population, Space, and Place*; *Malaria Journal*; *Social Networks*; *Population Research and Policy Review*; *Global Policy*; *Sapiens*; *Conflict Management and Peace Science*; *the Journal of African Economies*; *Science of the Total Environment*; *Africa Today*; *Global Environmental Change*; *Remote Sensing*; *Urban Sustainability*; *Scientific Data*; *Nature Cities*; *Economics of Disasters and Climate Change*.

Teaching and Advising

Ph.D level: Population and Development, Applied Econometrics, Mathematical Statistics, Introduction to Mathematical Economics. *Undergraduate level:* Intermediate Microeconomics, Population and Economic Development, Mathematical Statistics, Data Science and Machine Learning for Economists.

Ph.D committee chair (since 2000): Yijiao Liu (2019); Deniz Sumengen (2016); Tamara Gurevitch (2016); Donghwan Kim (2011); Tracy-Ann Henry (2003); Rania Roushdy (2003); and Cem Mete (2000). Outside-department advising: Member, Ph.D thesis committee, Andrew Hargrove, Sociology (2021)

Undergraduate honors thesis advisor: Olga Aristova (2019); Nazya Ahmed (2021).

Recent University and Departmental Service

Economics Undergraduate and Grievance Committees Member, 2021–23

Promotion and Tenure Committee (PTC) for the School of Marine and Atmospheric Sciences (SoMAS)
Member, 2021–.

Tenure Review Committee, 2021 Chair of review committee.

External Search Committee for Departmental Chair, 2021–22 Committee member.

Data Literacy, 2021–22 Member of committee to report on SBU needs in data science coursework and resources

IDEA Fellows Search Committee, 2022–23 Co-chair of committee on health disparities.

Departmental Search Committee for Endowed Chairs, 2022–23 Co-chair of search committee.

Honors and Research Awards

1977 National Institutes of Health Economic Demography Training Grant, Population Studies Center, University of Michigan.

1983–84 Female First Marriage in Southeast Asia, NICHD research award.

1985–86 First Marriage and Husband's Schooling in East and Southeast Asia, NICHD research award.

1989–90 The Demographic Implications of Structural Adjustment in Nigeria, with Olukunle Adegbola, Felicia Oyekanmi and Gloria Jinadu, University of Lagos. Ford Foundation research award.

1990–93 "The Diffusion of Fertility Control in Costa Rica and Taiwan," with John Casterline (co-principal investigator), Roger Avery and Luis Rosero-Bixby. NICHD research award.

1991–92 "The Quantity-Quality Tradeoff in Côte d'Ivoire." World Bank Research Committee award.

1994–95 "Social Structure and the Diffusion of Fertility Control in Ghana," with John Casterline (Population Council), Dominic Agyeman and Peter Aglobitse (University of Cape Coast, Ghana), Rockefeller Foundation research award.

1995–98 "Interrelationships Between Fertility and Investments in Children: New Research Frontiers," with Cynthia Lloyd (Population Council), Rockefeller Foundation research grant to the Population Council.

1997–2000 "The Implications of Excess Fertility and Unintended Births for Children's Schooling," Futures Group research award, under the "Policy Project," to the Population Council.

1997–2002 "Social Learning, Social Influence and the Diffusion of Fertility Control," with John Casterline and James Phillips (Population Council), National Institute of Child Health and Human Development research award.

2007–2009 "Revitalizing Urban Population Projections," with Deborah Balk (Baruch College), National Institute of Child Health and Human Development research award.

2009–2011 "Urban Health in Developing Countries: Knowledge Gaps and Intervention Design," Rockefeller Foundation research award.

2011–2013 "Adolescent Migration," Better World Foundation (Nike Foundation and the UN Foundation) research award.

2014–18 "Multi-scale processes determining spatial population distribution," National Science Foundation (Deborah Balk, PI).

2015–17 "Estimating city growth, urbanization and climate-related risks in the 21st century," AXA (Deborah Balk, PI).

2018–21 "Integrating 30 Years of Settlement-Level Census Data for India," NICHD (Montgomery, PI).

2022–26 "Global projections of the Degree of Urbanization," European Commission (Deborah Balk, PID)

Publications

Edited Volumes

Mark R. Montgomery and Barney Cohen (eds.) 1998. *From Death to Birth: Mortality Decline and Reproductive Change*, Washington D.C.: National Academy Press.

Panel on Urban Population Dynamics (Mark R. Montgomery, Richard Stren, Barney Cohen, and Holly E. Reed, eds.) 2003. *Cities Transformed: Demographic Change and Its Implications in the Developing World*. National Research Council, Committee on Population. Washington, D.C.: National Academies Press.

George Martine, Gordon McGranahan, Mark R. Montgomery, and Rogelio Fernández-Castilla (editors), 2008. *The New Global Frontier: Urbanization, Poverty and Environment in the 21st Century*. London: Earthscan Publishers.

Deborah L. Balk and Mark R. Montgomery (guest editors), *Spatial Demography* 3(1): 2015, Special issue on Urban Demography. Editorial: "Spatializing demography for the urban future."

Refereed Articles and Book Chapters

Montgomery, Mark R., Toni Richards, and Henry Braun. 1986. "Child health, breastfeeding, and survival in Malaysia: A random-effects logit approach." *Journal of the American Statistical Association* 81: 297–309.

Montgomery, Mark R. and James Trussell. 1987. "Models of marital status and childbearing." In O. Ashenfelter and R. Layard (eds.) *Handbook of Labor Economics*. Amsterdam: North-Holland.

Montgomery, Mark R. 1987. "The impacts of urban population growth on urban labor markets and the costs of urban service delivery." In D. Gale Johnson and Ronald D. Lee (eds.) *Population Growth and Economic Development: Issues and Evidence*. Madison, Wisconsin: University of Wisconsin Press.

Montgomery, Mark R. 1987. "A new look at the Easterlin 'synthesis' framework." *Demography*, 24,4:481–496.

Montgomery, Mark R. 1988. "How large is too large? Implications of the city size literature for population policy and research." *Economic Development and Cultural Change* 36,4:691–720.

Montgomery, Mark R., Paul Cheung, and Donna Sulak. 1988. "Rates of courtship and first marriage in Thailand." *Population Studies* 42: 375–388.

Montgomery, Mark R. and Donna Sulak. 1989. "Female first marriage in East and Southeast Asia: A Kiefer-Neumann model." *Journal of Development Economics* 30: 225–240.

Montgomery, Mark R. 1989. "Dynamic behavioral models and contraceptive use." *Journal of Biosocial Sciences*, Supplement to Vol.11, *Dynamics of Contraceptive Use*: 17–40.

Goldman, Noreen and Mark R. Montgomery. 1990. "Fecundability and husband's age." *Social Biology* 36,3-4: 146–166.

Montgomery, Mark R. 1991. "Household formation and home ownership in France." In James Trussell, Richard Hankinson and Judith Tilton (eds.), *Demographic Applications of Event History Analysis*, Oxford: Clarendon Press.

Mark R. Montgomery and John B. Casterline. "The Diffusion of Fertility Control in Taiwan: Estimates from Pooled Cross-Section, Time-Series Models". *Population Studies* 47.3 (1993), pp. 457–479

Mark R. Montgomery (principal author). 1993. "The socioeconomic context," and "The household, kinship and community context," Chapters 3 and 4 in National Research Council, *Factors Affecting Contraceptive Use in Sub-Saharan Africa*, Washington, D.C.: National Academy Press.

Mark R. Montgomery. 1993. "Migration responses to adjustment," in L. Demery, M. Ferroni and C. Grootaert (eds.) *Understanding the Social Effect of Policy Reforms*. Washington, D.C.: The World Bank.

Mark R. Montgomery. 1993. "Effects of structural adjustment on fertility," in L. Demery, M. Ferroni and C. Grootaert (eds.) *Understanding the Social Effect of Policy Reforms*. Washington, D.C.: The World Bank.

Mark R. Montgomery. 1995. "Assessing program effectiveness and cost effectiveness." In Sarah Brown and Lawrence Eisenberg (eds.) *The Best Intentions: Unintended Pregnancy and the Well-Being of Children and Families*. Washington D.C.: National Academy Press.

Mark R. Montgomery and Cynthia Lloyd. 1996. "Fertility and maternal and child health." In D. Ahlburg,

- A. Kelley and K. Mason (eds.), *The Impact of Population Growth on Well-being in Developing Countries*. Berlin: Springer-Verlag.
- Mark R. Montgomery and John B. Casterline. "Social Learning, Social Influence, and New Models of Fertility". *Population and Development Review* 22.Supplement (1996). In John B. Casterline and Ronald D. Lee and Karen A. Foote, eds., *Fertility in the United States: New Patterns, New Theories*, pp. 151–175
- Mark R. Montgomery. 1996. "Men, women and unintended pregnancy." In John Casterline, Ronald Lee and Karen Foote (eds.), *Fertility in the United States: New Patterns, New Theories*. (Supplement to *Population and Development Review* Volume 22: 100–107.)
- Mark R. Montgomery (principal author). 1997. "Estimating the cost of intervention: The Mother-Baby Package." In Amy Tsui, Judy Wasserheit and John Haaga (eds.), *Reproductive Health in Developing Countries: Expanding Dimensions, Building Solutions*. Washington D.C.: National Academy Press, 279–296.
- Mark R. Montgomery and Cynthia Lloyd. 1998. "Excess fertility, unintended births, and children's schooling." In Caroline Bledsoe, John Casterline, J. Johnson-Kuhn and John Haaga (eds.) *Critical Perspectives on Schooling and Fertility in the Developing World*. Washington D.C.: National Academy Press, 1998.
- Barney Cohen and Mark R. Montgomery. 1998. "Introduction." In Mark R. Montgomery and Barney Cohen (eds.) *From Death to Birth: Mortality Decline and Reproductive Change*, Washington D.C.: National Academy Press.
- Mark R. Montgomery. 1998. "Learning and lags in mortality perceptions." In Mark R. Montgomery and Barney Cohen (eds.) *From Death to Birth: Mortality Decline and Reproductive Change*, Washington D.C.: National Academy Press.
- Mark R. Montgomery and Woojin Chung. 1999. "Social networks and the diffusion of fertility control in Korea." In Richard Leete (ed.) *Dynamics of Values in Fertility Change*. Oxford: Oxford University Press.
- Mark R. Montgomery, Michele Gragnolati, Kathleen A. Burke, and Edmundo Paredes. "Measuring Living Standards With Proxy Variables". *Demography* 37.2 (2000), pp. 155–174
- Mark R. Montgomery, Mary Arends-Kuenning, and Cem Mete. "The Quantity-Quality Transition in Asia". *Population and Development Review* 26.Supplement (2000). in C.Y. Cyrus Chu and Ronald D. Lee, eds., *Population and Economic Change in East Asia*, pp. 223–256
- Mark R. Montgomery. "Perceiving Mortality Decline". *Population and Development Review* 26.4 (2000), pp. 795–819
- Mark R. Montgomery and Paul C. Hewett. "Urban Poverty and Health in Developing Countries: Household and Neighborhood Effects". *Demography* 42.3 (2005), pp. 397–425
- Mark R. Montgomery and Alex C. Ezeh. "The Health of Urban Populations in Developing Countries: An Overview". *Handbook of Urban Health: Populations, Methods, and Practice*. Ed. by Sandro Galea and David Vlahov. New York: Springer, 2005
- Mark R. Montgomery and Alex C. Ezeh. "Urban Health in Developing Countries: Insights from Demographic Theory and Practice". *Handbook of Urban Health: Populations, Methods, and Practice*. Ed. by Sandro Galea and David Vlahov. New York: Springer, 2005
- Mark R. Montgomery. "The Urban Transformation of the Developing World". *Science* 319.5864 (2008), pp. 761–764
- Paul C. Hewett, Barbara S. Mensch, Manoel Carlos S. de A. Ribeiro, Heidi E. Jones, Sheri A. Lippman, Mark R. Montgomery, and Janneke H. H. M. van de Wijgert. 2008. "Experimental evaluation of interviewing methods using sexually transmitted infection biomarkers to validate reporting of sexual behavior." *American Journal of Epidemiology*, 168(2): 202–211.
- Mark R. Montgomery. "The Demography of the Urban Transition: What We Know and Don't Know". *The New Global Frontier: Cities, Poverty And Environment in the 21st Century*. Ed. by George Martine, Gordon McGranahan, Mark Montgomery, and Rogelio Fernández Castilla. London, UK: Earthscan, 2008. Chap. 1, pp. 17–35
- Mark R. Montgomery. 2009. *Urban Poverty and Health in Developing Countries*. *Population Bulletin* 64, no. 2. Washington, DC: Population Reference Bureau.
- Mark R. Montgomery. "Urban Health in Low- and Middle-Income Countries". *Oxford Textbook of Public Health*. Ed. by Roger Detels, Robert Beaglehole, Mary Ann Lansang, and Martin Gulliford. Fifth. Oxford,

- United Kingdom: Oxford University Press, 2009. Chap. 10.7, pp. 1376–1394
- Deborah Balk et al. “Mapping Urban Settlements and the Risks of Climate Change in Africa, Asia, and South America”. *Population Dynamics and Climate Change*. Ed. by José Miguel Guzmán, George Martine, Gordon McGranahan, Daniel Schensul, and Cecilia Tacoli. New York: United Nations Fund for Population Activities (UNFPA), International Institute for Environment, and Development (IIED), 2009. Chap. 5, pp. 80–103. URL: <http://www.iied.org/pubs/pdfs/G02650.pdf>
- Deborah Balk, Mark R. Montgomery, Gordon McGranahan, and Megan Todd. “Understanding the Impacts of Climate Change: Linking Satellite and Other Spatial Data with Population Data”. *Population Dynamics and Climate Change*. Ed. by José Miguel Guzmán, George Martine, Gordon McGranahan, Daniel Schensul, and Cecilia Tacoli. New York: United Nations Fund for Population Activities (UNFPA), International Institute for Environment, and Development (IIED), 2009. Chap. 13, pp. 206–217. URL: <http://www.iied.org/pubs/pdfs/G02658.pdf>
- Mark R. Montgomery. “The Demographics of Urbanization in Poor Countries”. *Urban Health: Global Perspectives*. Ed. by David Vlahov, Jo Ivey Boufford, Clarence Pearson, and Laurie Norris. San Francisco: Jossey-Bass/John Wiley & Sons, 2010. Chap. 3, pp. 27–44
- Mark R. Montgomery and Deborah Balk. “The Urban Transition in Developing Countries: Demography Meets Geography”. *Global Urbanization*. Ed. by Eugenie L. Birch and Susan M. Wachter. The City in the Twenty-first Century. Philadelphia: University of Pennsylvania Press, 2011
- Christopher Small, Christopher D. Elvidge, Deborah Balk, and Mark R. Montgomery. 2011. “Spatial scaling of stable night lights,” *Remote Sensing of Environment* 115: 269–280.
- Robert I. McDonald, Pamela Green, Deborah Balk, Balazs Fekete, Carmen Revenga, Megan Todd, and Mark R. Montgomery. 2011. “Urban growth, climate change, and freshwater availability,” *Proceedings of the National Academy of Sciences (PNAS)*, published March 28, 2011 as manuscript 2010-11615R in the online Early Edition.
- Deborah Balk, Mark R. Montgomery, and Gordon McGranahan. 2011. “Coastal demography: Distribution, composition, and dynamics,” in Robert Bowen, Michael Depledge, Cinnamon Piñon Carlane and Lora Fleming (eds.), *Seas, Society, and Human Well-Being*, Sudbury, MA: Jones and Barlett Learning.
- David Vlahov, Siddharth Raj Agarwal, Robert M. Buckley, Waleska Teixeira Caiaffa, Carlos F. Corvalan, Alex Chika Ezeh, Ruth Finkelstein, Sharon Friel, Trudy Harpham, Maharufa Hossain, Beatriz de Faria Leao, Gora Mboup, Mark R. Montgomery, Julie C. Netherland, Danielle C. Ompad, Amit Prasad, Andrew T. Quinn, Alexander Rothman, David E. Satterthwaite, Sally Stansfield, and Vanessa J. Watson. 2011. “Roundtable on Urban Living Environment Research (RULER),” *Journal of Urban Health* 88, 5: 793–857.
- Andrew J. Tatem, Susana Adamo, Nita Bharti, Clara R. Burgert, Marcia Castro, Audrey Dorelien, Gunther Fink, Catherine Linard, John Mendelsohn, Livia Montana, Mark R. Montgomery, Andrew Nelson, Abdisalan M. Noor, Deepa Pindolia, Greg Yetman, and Deborah Balk. 2012. “Mapping populations at risk: Improving spatial demographic data for infectious disease modeling and metric derivation,” *Population Health Metrics*, May (on-line).
- Clémentine Rossier, Abdramane Soura, Banza Baya, Georges Compaoré, Bonayi Dabiré, Stéphanie Dos Santos, Géraldine Duthé, Bilampoa Gnoumou, Jean Francois Kobiané, Seni Kouanda, Bruno Lankoandé, Thomas Legrand, Cheikh Mbacke, Roch Millogo, Nathalie Mondain, Mark Montgomery, Aude Nikiema, Idrissa Ouili, Gilles Pison, Sara Randall, Gabriel Sangli, Bruno Schoumaker and Younoussi Zourkaleini. 2012. “Profile: The Ouagadougou Health and Demographic Surveillance System,” *International Journal of Epidemiology*: 1–9.
- Robert I. McDonald, Katherine Weber, Julie Padowski, Martina Flörke, Christof Schneider, Pamela A. Green, Thomas Gleeson, Stephanie Eckman, Bernhard Lehner, Deborah Balk, Timothy Boucher, Günther Grill, Mark Montgomery. 2014. “Water on an urban planet: Urbanization and the reach of urban water infrastructure,” *Global Environmental Change* 27:96–105 (July).
- Mark R. Montgomery. 2015. “Urban health in low and middle-income countries.” In R. Detels, R. Beaglehole, M. Gulliford, and M. Lansang (editors) *Oxford Textbook of Public Health, Sixth Edition*, Volume 3: The practice of public health, Chapter 9.7. Oxford, UK: Oxford University Press.
- Mark R. Montgomery, Deborah Balk, Zhen Liu, Siddharth Agarwal, Eleri Jones, and Susana Adamo. “Urban Migration of Adolescent Girls: Quantitative Results from Developing Countries”. *International*

Handbook of Migration and Population Distribution. Ed. by Michael White. Springer, 2015

Mark R. Montgomery and Deborah Balk. 2018 . "The urbanization of low- and middle-income Asia." Chapter 16 in Zhongwei Zhao and Adrian C. Hayes (editors), *Routledge Handbook of Asian Demography*. London and New York: Routledge.

Deborah Balk, Stefan Leyk, Bryan Jones, Mark R. Montgomery, and Anastasia Clark. 2018 (26 December). "Understanding Urbanization: A study of census and satellite-derived urban classes in the United States, 1990–2010". *PLoS ONE* 13 (12): e0208487. <https://doi.org/10.1371/journal.pone.0208487>

Deborah Balk, Mark R. Montgomery, Hasim Engin, Natalie Lin, Elizabeth Major, and Bryan Jones. "Urbanization in India: Population and Urban Classification Grids for 2011". *Data* 4.35 (Feb. 26, 2019). doi: doi:10.3390/data4010035. URL: <https://www.mdpi.com/journal/data>

Stefan Leyk, Deborah Balk, Bryan Jones, Mark R. Montgomery, and Hasim Engin. "The heterogeneity and change in the urban structure of metropolitan areas in the United States, 1990–2010". *Scientific Data* 6.1 (Dec. 2019), p. 321. ISSN: 2052-4463. URL: <https://doi.org/10.1038/s41597-019-0329-6>

Deborah Balk, Stefan Leyk, and Mark R. Montgomery. "Revitalizing urban research: What is the future role of demographers?" *Spatial Demography* (2021). doi: 10.1007/s40980-021-00084-9

James Duminy, John Cleland, Trudy Harpham, Mark R. Montgomery, Susan Parnell, and Ilene S Speizer. "Urban Family Planning in Low- and Middle-Income Countries: A Critical Scoping Review". *Frontiers in Global Women's Health* (Oct. 2021). doi: 10.3389/fgwh.2021.749636

Deborah Balk, Stefan Leyk, Mark R. Montgomery, and Hasim Engin. "Global Harmonization of Urbanization Measures: Proceed with Care". *Remote Sensing* 13.24 (2021). ISSN: 2072-4292. doi: 10.3390/rs13244973. URL: <https://www.mdpi.com/2072-4292/13/24/4973>

Mark R. Montgomery, Jessie Pinchoff, and Erica Chuang. "Cities and their environments". *International Handbook of Population and Environment*. Ed. by Lori M. Hunter, Clark Gray, and Jacques Véron. Vol. 10. International Handbooks of Population. Springer, 2022. Chap. 17, pp. 349–374. ISBN: 978-3-030-76432-6

Hamidreza Zoraghein, Jessie Pinchoff, Deborah Balk, Mark Montgomery, and Hasim Engin. "People and infrastructure: multi-scale assessment of coastal and fluvial flood exposure in India". *Environmental Research Communications* 4.12 (2023), p. 121009. doi: 10.1088/2515-7620/aca9aa. URL: <https://dx.doi.org/10.1088/2515-7620/aca9aa>

Submitted for publication: James Duminy, Alex Ezech, Sandro Galea, Trudy Harpham, Mark R. Montgomery, J. M. Ian Salas, Daniela Weber, Amy Weimann, Danzhen You (2023). "Demographic change and urban health: Towards a novel agenda for delivering sustainable and healthy cities for all". *F1000Research/Collections*. This article is under peer review for the collection *Making the Case for Urban Health: Defining Value and Relevance to Contemporary Challenges*, Collection Advisor José Siri, World Health Organization (WHO), <https://f1000research.com/collections/urbanhealth/about-this-collection>

Book Reviews

Montgomery, Mark R. 1984. Review of *Research in Population Economics*, Volume 4. In *Journal of Economic Literature* 22: 633–634.

Mark R. Montgomery. 1994. Review of Julian Simon, *Population and Development in Poor Countries: Selected Essays*. In *Population Studies* 48,2: 371–72.

Mark R. Montgomery. 2005. Review of Robert Neuwirth, *Shadow Cities: A Billion Squatters, A New Urban World*. In *Population and Development Review* 31(2): 373–376.

Mark R. Montgomery. 2009. Review of World Bank, *World Development Report 2009: Reshaping Economic Geography*. In *Population and Development Review* 35(1): 197–200.

Selected Reports and Recent Presentations

Reports

Montgomery, Mark R. and Edward Brown. 1990. "Accommodating urban growth in Sub-Saharan Africa." In G. Acsadi, G. Johnson-Acsadi, and R. Bulatao (eds.) *Population Growth and Reproduction in Sub-Saharan Africa*. Washington, D.C.: The World Bank.

Mark R. Montgomery, Cynthia Lloyd, Paul C. Hewett and Patrick Heuveline. 1997. "The consequences of imperfect fertility control for children's survival, health and schooling." *Demographic and Health Surveys Analytical Reports*, No. 7. Calverton, Maryland: Macro International Inc.

Mark R. Montgomery and Paul C. Hewett. 2005. "Poverty and children's schooling: A structural equations approach using MICS data." In A. Minujin, E. Delamonica, and M. Komarecki (editors), *Human Rights and Social Policies for Children and Women: The Multiple Indicator Cluster Survey (MICS) in Practice*. New York: The New School University with the support of UNICEF.

Mark R. Montgomery. 2005. "The place of the urban poor in the Cairo Programme of Action and the Millennium Development Goals." In United Nations, *Seminar on the Relevance of Population Aspects for the Achievement of the Millennium Development Goals*, Department of Economic and Social Affairs, Population Division. New York: United Nations.

S. Chandrasekhar and Mark R. Montgomery. 2010. "Broadening Poverty Definitions in India: Basic Needs in Urban Housing." *International Institute for Environment and Development (IIED)*, Human Settlements Working Paper Series, no. 27 (December), London: IIED.

Miriam Temin, Mark R. Montgomery, Sarah Engebretsen, and Kathryn M. Barker. 2013. *Girls on the Move: Adolescent Girls and Migration in the Developing World*. New York: Population Council.