

Leiwen Jiang

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Education:

PhD of in Environment Sciences (Demography), The University of Amsterdam, Amsterdam, 1999

Master of Law (Sociology), Peking University, Beijing, 1991

Bachelor of Law (Sociology), Peking University, Beijing, 1988

Employment Experiences:

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|--------------|--|
| 2009-present | Project Scientist III, Climate and Global Dynamics Division and Integrated Science Program, National Center for Atmospheric Research, Boulder, USA |
| 2008-2009 | Senior Demographer on Population and Climate Change/Environment, Population Action International, Washington DC, and, Adjunct Assistant Professor, Watson Institute for International Studies, Brown University, Providence, USA |
| 2003-2008 | Assistant Professor (Research), Watson Institute for International Studies and Faculty Associate of Population Study and Training Center, Brown University, Providence, USA |
| 2004-2009 | Guest Researcher, Population and Climate Change Program, International Institute for Applied Systems Analysis, Laxenburg, Austria |
| 2007-2009 | Distinguished Oversea Guest Researcher, Institute of Geographic Sciences and Natural Resources, China Academy of Sciences, Beijing, China |
| 2000-2002 | Associate Professor, Institute for Population Research, Peking University, Beijing, China |
| 2002 | Visiting Scholar, Vienna Institute of Demography, Vienna, Austria |
| Fall 2000 | Post-doc Fellow, Max Planck Institute for Demographic Analysis, Rostock, Germany |
| Summer 2000 | Summer Faculty Fellow, Center for Institutional, Population and Environmental Changes (CIPEC), Indiana University, Bloomington, USA |
| 1991-1994 | Research Assistant and Lecturer, Institute for Population Research, Peking University, Beijing, China |

Other Professional Experiences:

- 2011- Lead Author, Intergovernmental Panel on Climate Change (IPCC), the Fifth Assessment Report, Working Group III
- 2011- Panel Member, International Union for Scientific Studies of Population (IUPUI) Scientific Panel for Climate Change
- 2011 Panel Member, Moderating Panel for the Programme of Ecosystem Services for Poverty Alleviation (ESPA), Natural Environmental Research Council (NERC)
- 2006-2007 Coordinator, Lecture Series "Population and Environment in China and its Global Implication", Brown University
- 2000-2005 Collaborator, Asia MetaCentre for Population and Sustainable Development Research
- 2002 Consultant to the World Bank China Renewable Energy Development Program
- 2002-2004 Associate Chief Editor of journal "Market and Demographic Analysis"
- 2001 Consultant to UNICEF Beijing Office
- 2001 Group Leader of IHDP/START International Human Dimension Workshop

Professional Honors:

- 2002 Highest academic achievement award of China Association of Population Studies,
- 2001 Highest academic achievement award of Peking University,
- 2002 Research Fellowship from Taiwan Zhongliu Himalaya Foundation
- 2000 Summer Faculty Fellowship, Indiana University
- 1997-1998 US Population Council scholarship of the year,
- 1996 Fellowship of Ma YinChu Scientific Foundation for Population Studies
- 1996 An Tai Scholarship, Peking University
- 1993 Second Prize of the 1st Scientific Research Achievement Award of Population Association of China
- 1990 Yan Jingyao Scholarship for Sociological Studies, Peking University

List of Publications

i. Refereed Journal Articles

1. O'Neill, B.C., B. Liddle, **L. Jiang**, K.R. Smith, S. Pachauri, M. Dalton, R. Fuchs. 2012: Demographic change and emissions of carbon dioxide, the main greenhouse gas, *Lancet*. 380 (9837): 157-164.
2. W. Lutz, W. Butz, M. Castro, P. Dasgupta, P. Demeny, I. Ehrlich, S. Giorguli, D. Habte, W. Haug, A. Hayes, M. Herrmann, **L. Jiang**, D. King, D. Kotte, M. Lees, P. Makinwa-Adebusoye, G. McGranahan, V. Mishra, M. Montgomery, K. Riahi, S. Scherbov, X. peng, B. Yeoh, 2012: Demography's role in sustainable development, *Science* 335 (670): 918.
3. Krey, V., O'Neill, B.C., van Ruijven, B., Chaturvedi, V., Daioglou, V., Eom, J., **Jiang, L.**, Nagai, Y., Pachauri, S., Ren, X., 2012: Urban and rural energy use and carbon dioxide emissions in Asia. *Energy Economics*, online <http://dx.doi.org/10.1016/j.bbr.2011.03.031>.
4. O'Neill, B.C., Ren, X., **Jiang, L.**, and M.G. Dalton. 2012. The effect of urbanization on energy use in India and China in the iPETS model. *Energy Economics*, online <http://dx.doi.org/10.1016/j.bbr.2011.03.031>
5. **Jiang, Leiwen** and Karen Hardee, 2011: How do recent population trends matter to climate change, *Population Research and Policy Review*, 30(2): 287-312.
6. Orenstein, Daniel, **Leiwen Jiang**, and Steve Hamburg, 2011: An elephant in the planning room: political-demography and its influence on sustainable land use planning in drylands, *Journal of Arid Environments*, 75(6): 596-611.
7. O'Neill, Brian, M. Dalton, R. Fuchs, **L. Jiang**, S. Pachauri, and K. Zigova, 2010: Global demographic trends and future carbon emissions, *Proceedings of the National Academy of Sciences of the United States of America*, 107(41):17521-17526.
8. **Jiang, Leiwen**, 2010: The impacts of demographic dynamics on climate change, *Population Research (Chinese)*, 34(1): 59-69.
9. Huang, Youqian and **Leiwen Jiang**, 2009: Housing inequality in transitional Beijing, *International Journal of Urban and Regional Research*, 33(4):936-956.
10. Pachauri, Shonali and **Leiwen Jiang**, 2008: The household energy transition in India and China, *Energy Policy*, 36(11): 4022-4035.
11. Dalton, Michael, Brian O'Neill, Alexia Fuernkranz-Prskawetz, **Leiwen Jiang**, and John Pitkin, 2008: Population Aging and Future Carbon Emissions in the United States, *Energy Economics*, 30(2): 642-675.
12. Zeng, Yi, Zhenglian Wang, **Leiwen Jiang**, and Danan Gu, 2008: Projection of Family Households and Elderly Living Arrangement in the Context of Rapid Population Aging in China – A Demographic Window of Opportunity until 2030 and Serious Challenges thereafter, *Genus*, LXIV, No. 1-2: 9-36.
13. Sherbinin, A. de, D. Carr, S. Cassels and **Leiwen Jiang**, 2007: Population and Environment, *Annu. Rev. Environ. Resour.* 32 (5): 1-29.
14. **Jiang, Leiwen** and Brian O'Neill, 2007: Impact of demographic trend on US household size and structure, *Population and Development Review*, 33 (3): 429-656.
15. Huang, Qian, Zhao Zhijie, and **Leiwen Jiang**, 2006: Analysis of land use/cover change processes in the reclamation area in the lower reaches of the Tarim River, *Arid Land Geography*, 29(6): 894-901.

16. **Jiang, Leiwen**, 2006: Living condition of floating population in urban China, *Housing Studies*, Vol. 21, No. 5, 719–744.
17. **Jiang, Leiwen**, Tong Yufen, Zhao Zhijie, Li Tianhong, Liao Jianhua, 2005: Water resources, land exploitation and population dynamics in arid areas – the case of Tarim River Basin in Xinjiang of China, *Population and Environment*, 26(5):471-503.
18. **Jiang, Leiwen**, Pang Lihua and Zhang Zhiming, 2005: Slum expansion and floating population in urban China, *Population Research (Chinese)*, 29 (4): 16-27.
19. **Jiang, Leiwen** and Ren Qiang, 2005: Projection of households and housing demand in China, *Market and Demographic Analysis (Chinese)*, 11(2):20-29.
20. **Jiang, Leiwen** and Brian O’Neill, 2004: Energy transition in rural China, *International Journal of Global Energy Issues*, 21(1/2): 2-26.
21. Prskawetz, Alexia, **Leiwen Jiang**, and Brian C. O’Neill. 2004. Demographic composition and projections of car use in Austria, *Vienna Yearbook of Population Research* 2004, p. 274-326.
22. Wang, Haitao, Ren Qiang and **Leiwen Jiang**, 2004: Socio-demographic analysis of housing privatization in the large cities of China, *Market and Demographic Analysis (Chinese)*, 10(2): 56-62.
23. **Jiang, Leiwen** and Brian O’Neill, 2004: Towards a new model for probabilistic household forecasts, *International Statistical Review*, 72(1): 51-64.
24. Lu, Jiehua, Wang Guangzhou, Li Jianxin, Cai Wenmei, **Leiwen Jiang**, and Ni Hai-er, 2003: An empirical study of the effects of the change in population, consumption and technology on marine fishery and aquatic products – a case study in Zhoushan Fishery, Zhejiang Province, *Population and Economics (Chinese)*, 138: 1-7.
25. **Jiang, Leiwen**, 2002: On the linkage between Population Sciences and Remote Science, *Marketing and Demographic Analysis (Chinese)*, 8(4): 25-32
26. **Jiang, Leiwen**, 2002: The “European Second Demographic Transition” and population change in China, *Population Research (Chinese)*, 26(3): 45-49.
27. Lu, Jiehua, Cai Wenmei, Li Jianxin, Wang Guangzhou, and **Leiwen Jiang**, 2002: The Establishment of the Simulating Model of Population and Marine Fishery Resource System in China, *Population and Economics (Chinese)*, 132: 3-9.
28. **Jiang, Leiwen** and A. Kuijsten, 2001: Regional disparities of urbanization levels in China, *Chinese Journal of Population Sciences*, No. 1, p. 45-51.
29. ***Jiang, Leiwen** and A. Kuijsten, 2001: Effects of population and household changes on environment: theories, models, and application, *Population Research (Chinese)*, 25(1): 47-55.
30. ***Jiang, Leiwen** and A. Kuijsten, 2001: Theories, methodology and practice of household projection for small areas, *Population and Economics (Chinese)*, 128: 33-42*.
31. **Jiang, Leiwen**, 2001: Study on the differences in individual fertility of the Chinese oldest old, Special Issue of *Chinese Journal of Population Sciences (Chinese)*, October, p. 27-31.
32. **Jiang, Leiwen**, 2000: Demographic analysis on regional environmental protection, *Marketing and Demographic Analysis (Chinese)*, 6(4): 36-41.
33. Zeng, Yi and **Leiwen Jiang**, 1999: Does Rapid Economic Growth Accompanied by Massive Migration Necessarily Result in Severe Environmental Pollution?" *Current Politics and Economics of China*, 3 (3): 427-445.

34. **Jiang, Leiwen**, 1996: Round up on the International Seminar on Population and Sustainable Development, *Chinese Journal on Population Sciences*, no. 1, p. 51-58.
 35. **Jiang, Leiwen**, 1994: Macau impression, *Sociology and Social Survey* (Chinese), no. 4, p. 72-76.
 36. **Jiang, Leiwen** and Li Jianxin, 1994: Impacts of migration on rural communities, *Sociology and Social Survey* (Chinese), no. 5, p. 9-12.
 37. Zheng, Xiaoying, **Leiwen Jiang**, and Zheng Zhenzhen, 1994: The current condition and trends of contraceptive continuity in China, *Population Research* (Chinese), 18(4):16-22.
 38. **Jiang, Leiwen**, 1993: Applied demography and social development, *Population* (Chinese), no. 4, p. 25-29.
 39. **Jiang, Leiwen**, 1993: Roundup on the national symposium on in-depth analysis of China 4th Census and demographic statistical skills, *Population News* (Chinese), no. 1, p. 55-61.
 40. **Jiang, Leiwen**, Liu Yi and Dong Ligu, 1993: A Study of women's marriage, fertility and family life in Hunan Province, *Southern Population* (Chinese), no. 3, p. 37
 41. Cai, Wenmei and **Leiwen Jiang**, 1993: Political participation of Chinese women, *Women Studies* (Chinese), 19(4): 26-27.
 42. Zheng, Xiaoying, **Leiwen Jiang** and Han Yonghua, 1993: Impacts of induced abortion on women's psychology and choices and conversions of contraceptive methods, *China Journal of Family Planning* (Chinese), 4:206-207.
 43. **Jiang, Leiwen**, 1993: Summary on symposium of in-depth analysis and demographic statistical skills, *Chinese Journal on Population Science* (Chinese), no. 4, p. 53-57.
 44. **Jiang Leiwen**, 1993: Demographics and community management and social development, *Population* (Chinese), no. 12.
 45. **Jiang Leiwen**, 1992: Social mobility of China urban population, in China Reform and Ten-Year of Sociology, *Supplement volume of Sociology and Social Survey* (Chinese), p. 72-80.
- Jiang, Leiwen**, Duan Hongyu, Liu Jinglei, Li Guangjian and Ling Yonghong, 1991: Comparative study on occupational prestige between Beijing and Guangzhou, *Sociology and Social Survey* (Chinese), no. 5, p. 34-42.

ii. **Book Review**

1. **Jiang, Leiwen**, 2008: Zhongwei Zhao and Fei Guo (eds.): Transition and Challenge: China's Population at the Beginning of the 21st Century. *European Journal of Population*, 24:453-454.

iii. **Books:**

1. **Jiang, Leiwen**, 1999: Population and Sustainable Development in China – Population and Household Scenarios for Two Regions, Amsterdam: Thela Thesis.
2. Zheng Xiaoying, **Leiwen Jiang**, and Zheng Zhenzhen (eds.), 1996: Study on the Problems and Development of Chinese Women Population, Peking University Press (Chinese).
3. **Jiang, Leiwen**, Song Dong and Zhu Youhong, 1992: Psychology of Job Searching, China Science and Technology University Press (Chinese).

4. Tu, Ping, **Leiwen Jiang** and Zeng Yi (eds.), 1992: China Population Situation in 1990 – In-Depth Analysis on Statistics from National Census, Beijing: Ministry of Education and China Population Association (Chinese).

iv. **Chapters in Books:**

1. Zeng, Yi, **Leiwen Jiang**, Zhenglian Wang and Danan Gu, 2010: Chinese family and living arrangement for the elderly, in Zeng, Yi (ed.), Research on Elderly Population, Family, Health and Care Needs/Costs. Beijing: Science Press, p. 220-230 (Chinese).
2. **Jiang, Leiwen**, Tong Yufen, Zhao Zhijie, Li Tianhong, Han Wei, 2009: Impacts of Population Migration on Land Degradation in Tarim River Basin, Xinjiang of China, in ABE Ken-ichi (ed.), Impacts on the Good Earth, Tokyo University Press.
3. **Jiang, Leiwen** and Ren Qiang, 2005: Studies on population and household dynamics and housing changes in China, in Selected Papers of Scientific Studies on China's Fifth Census, China Statistical Press (Chinese).
4. **Jiang, Leiwen**, Anton Kuijsten, 2003: Urbanisation and temporary population in China, in Thierry Eggerickx, Catherine Gourbin, Bruno Schoumaker, Christophe Vandeschrick et Eric Vilquin (eds.), Chaire Quetelet 1999: Populations et Defis Urbains, Belgium: Ed. Academia-Bruylant, p. 165-192 (French).
5. **Jiang, Leiwen**, 2002: Population, Development and Environment, in I. Attane (ed.): China in Transition: Population and Society Issues, Paris: INED, p. 545-562 (French).
6. Zhao Shidong, Zeng Yi, Bai Wangqi, Qi Wenhua, Liu Guiping, Zhang Taolin, Qin Mingzhou, and **Leiwen Jiang**, 2001: Population, Consumption, and Land Use in the Pearl River Delta, Guangdong Province, in Indian National Science Academy, Chinese Academy of Sciences, U.S. National Academy of Science, Growing Population, Changing Landscapes, Washington D.C.: National Academy Press, p. 178-205.
7. Zhao Shidong, Lu Jiehua, Zeng Yi, Qi Wenhua, Liang Zhiwu, Zhang Taolin, Liu Guiping, Qin Mingzhou, **Leiwen Jiang**, 2001: Population, Consumption, and Land Use in the Jitai Basin Region, Jiangxi Province, in Indian National Science Academy, Chinese Academy of Sciences, U.S. National Academy of Science, Growing Population, Changing Landscapes, Washington D.C.: National Academy Press, p.206-230.
8. **Jiang, Leiwen**, 1996: Demographics on social development and local administration, in Wu Zhong and Zeng Yi (eds.), Demographic Studies and Market Economy, Peking University Press, p. 65-72 (Chinese).
9. Cai Wenmei, Song Yuhua, **Leiwen Jiang**, 1995: The Chapter of China, in Jordan I. Kosbrg (ed.), International Handbook on Services for the Elderly, Greenwood Press, Westport, Conn.
10. **Jiang, Leiwen**, 1995: Study on marriage and family in Guangdong Province, in Rufino Ramos, Duan Dayuan, John E. M. Barnes, Huang Hanqiang (eds.), Population and Development in Macao, University of Macao Press, p. 149-169.
11. **Jiang, Leiwen**, 1992: Chapter 3, Industrial Structure, in Yuan Fang (ed.), Labour Sociology, China Labour Publisher, p. 45-67 (Chinese).

12. **Jiang, Leiwen**, 1992: Chapter 5, Occupation and Occupation Selection, in Yuan Fang (ed.), Labour Sociology, China Labour Publisher, p82-108 (Chinese).

v. **Non-refereed Articles**

1. **Jiang, Leiwen** and B.C. O'Neill, 2011: Urbanization in developing Asia: alternative scenarios and implications for rural-urban migration. IUSSP Working Paper, presented at Seminar on Internal Migration and Urbanization and their Socioeconomic Impacts in Developing Countries: Challenges and Policy Responses, Fuzhou, China, 10-12 Dec. 2011.
1. **Jiang, Leiwen** and B.C. O'Neill (2009). Household projections for rural and urban areas of major regions of the world. IIASA Interim Report IR-09-026. Laxenburg, Austria: IIASA.
2. **Jiang, Leiwen** and Karen Hardee, 2009: How do recent demographic trend matter to climate change? Population Action International Working Paper 2009-01, Washington, USA.
3. Brian O'Neill and **Leiwen Jiang**, 2007: Project US household changes with a new household model, International Institute for Applied System Dynamics Analysis, Interim Report, IR-07-012, Laxenburg, Austria.
4. **Jiang, Leiwen** and Brian O'Neill, 2006: Impact of demographic events on the US household changes, IIASA, IR-06-030.
5. **Jiang, Leiwen**, Tong Yufen, Zhao Zhijie, Li Tianhong, Liao Jianhua, 2004: Water resources, land exploitation and population dynamics in arid areas – the case of Tarim River Basin in Xinjiang of China, Asian MetaCentre for Population and Sustainable Development Analysis, Research Paper Series 18.
2. **Jiang, Leiwen** and Brian C. O'Neill, 2003: The Energy Transition in Rural China, *International Institute for System Dynamic Analysis, Interim Report IR-03-070*.
3. **Jiang, Leiwen** and Brian C. O'Neill, 2003: Toward a New Model for Probabilistic Household Forecasts, *International Institute for System Dynamic Analysis, Interim Report IR-03-050*.
4. Prskawetz, Alexia, **Leiwen Jiang**, and Brian C. O'Neill. 2002. Demographic composition and projections of car use in Austria. *MPIDR Working Paper WP-2002-034*.
<http://www.demogr.mpg.de/papers/working/wp-2002-034.pdf>
5. **Jiang, Leiwen**, 2002: New perspective on population and sustainable development, *China Population Newspaper*, May 15 (Chinese).
6. **Jiang, Leiwen**, 2000: Socio-Demographic Changes and Deforestation and Forest Regrowth in Indiana, Bloomington: *Publication CSFF-1, CIPEC, Indiana University*.
7. Zeng Yi and **Leiwen Jiang**, 1996: On population growth and land use, in Proceedings of International Symposium "Resources, Environment, and Sustainable Development in Northeast Asia and Its Adjacent Regions", Shenyang, Augu 7-10, p. 225-227.
8. **Jiang, Leiwen**, 1996: What do we know about social-cultural research and population policy formulation in China, in Final Report of Asian Regional Director Meeting for Project (UNESCO) "Socio-Cultural Factors Affecting Demographic Behavior and Implications for the Formulation and Execution of Population Policies and Programmes", Bangkok, Thailand, March 15-23, p.4-5.
9. **Jiang, Leiwen**, 1995: Regional Family Projection in China, *PDOD (PDOD-Paper) No. 32*,

Amsterdam, the Netherlands.

10. **Jiang, Leiwen**, 1993: Seminar on the prevention and control of STDs, *China Population Today*, No. 3, p. 19-20.
11. Cai Wenmei and **Leiwen Jiang**, 1992: Family planning policy and women reproductive health, *Proceedings on International Conference on China Women Studies*, Peking University Press, p. 48-52 (Chinese).
12. **Jiang, Leiwen**, 1992: Summary of Seminar on in-depth analysis of the Fourth Census Data, *Newsletter of China Population Association*, no. 3, p. 4-8 (Chinese).

vi. Invited Lectures:

1. **Jiang, Lewien**, 2012: Demographic changes and carbon dioxide emissions. Speak at the launch of a special theme issue of The Lancet, in London, England, July 7-12.
2. **Jiang, Leiwen**, 2012: Population and climate change. Speak at China Population Information and Research Center, Beijing, June 28.
3. **Jiang, Leiwen**, 2012: Scenario development in climate change researches. Speak at Fudan University, Shanghai, June 1.
4. **Jiang, Leiwen**, Brian O'Neill, Karen Hardee, Samir KC, Regina Fuchs, and Shonali Pachauri, 2012: Education, fertility decline, and climate change. Speak at the Shanghai Forum, Shanghai, May 26-28.
5. **Jiang, Leiwen**, 2010: Population and energy consumption in China, speak at Annual Conference of the Dutch Demographic Society, on 5th November 2010, Bilthoven, the Netherlands.
6. **Jiang, Leiwen**, 2010: Population Dynamics and Climate Change, Speak at Groningen University, Nov. 9th, 2010, Groningen, the Netherlands.
7. **Jiang, Leiwen** and Brian O'Neill, 2010: Changing population composition and its implications for climate change adaptation, presented at United Nations Population Fund (UNFPA) expert meeting on Population Dynamics and Climate Change II: Building for Adaptation, Oct. 15., Mexico City, Mexico.
8. B. O'Neill, M. Dalton, R. Fuchs, **L. Jiang** (presenter), S. Pachauri, K. Smith, K. Zigova, 2010: Demographic change and greenhouse gas emissions, presented at Working Group Meeting on Population, Family Planning and Achievement of the Millennium Development Goals, Dec. 1-3, 2010, Chapel Hill, USA.
9. **Jiang, Leiwen**, 2009: Socioeconomic and demographic modeling in climate change research, speak at the Third Biannual NCAR Workshop on Climate and Health, July 12-17, Boulder, USA.
10. **Jiang, Leiwen**, 2009: Population and Climate Change Initiative in Population Action International, presented at anonymous donor board meeting, July 9, Portola Valley, CA.
11. **Jiang, Leiwen**, 2009: Demographic component in IPCC climate change modeling, United Nations Population Fund (UNFPA) expert meeting on Population and Climate Change Program, June 23-25, London, UK.
12. **Jiang, Leiwen**, 2009: Influences of population dynamics on climate change, United Nations Population Fund (UNFPA), May 22, New York.
13. **Jiang, Leiwen**, 2009: Population and Climate Change in, speak at **Power Shift '09**, Session on Reproductive Justice and Climate Change, Feb. 27, Washington, DC.

14. **Jiang, Leiwen**, 2009, Household Energy Transition in India and China, speak at an expert meeting on Frontier of Research on Low-Income Energy Services, convened at Stanford University Program on Energy and Sustainable Development, in February 24-25, 2009.
15. **Jiang, Leiwen**, 2009: Population and climate change, United Nations Foundation, March 26, Washington DC.
16. **Jiang, Leiwen**, Population and climate change – implications for population policies, EuroNGOs 2008 Conference, Oct. 2, 2008, Lyon, France.
17. **Jiang, Leiwen**, Malea Hoepf Young, Karen Hardee (presenter): Population, urbanization and environment, Woodrow Wilson Center, September 30, Washington DC.
18. **Jiang, Leiwen**, Population/household dynamics, energy consumption and carbon emission in the US, China and India, Policy Research Initiative, Government of Canada, Ottawa, Canada, Dec. 13, 2007.
19. **Jiang, Leiwen**, Population and Environment in China, Bryant University, US-China Institute, Smithfield, RI, US. Nov. 23, 2006.
20. **Jiang, Leiwen**, Economic development, urbanization and energy consumption in China, Asia/Pacific Studies Institute, Duke University, March 24, 2006.
21. **Jiang, Leiwen**, Population, Environment and Development in China, China's Future Challenges: The 2005-06 TILIP International Symposium Program, Feb. 24, 2006, Tufts University, Boston, US.
22. **Jiang, Leiwen**, Brian O'Neill: Residential Energy Consumption of Rural and Urban Population in China, invited lecture at Energy, Technology Innovation Project, Kennedy School, Harvard University, April 7, 2005, Cambridge, USA.
23. **Jiang, Leiwen**, Brian O'Neill: The Impact of Demographic Events on the US Household Formation and Dissolution, invited lecture at Vienna Institute of Demography of Austria Academy of Sciences, March 13, 2005, Vienna, Austria.
24. **Jiang, Leiwen**: Systematic analysis of population impacts on the environment, invited lecture at Institute of Population Research, Peking University, June 25, 2003, Beijing, China.
25. **Jiang, Leiwen**: Socio-demographic Dynamics and Housing Conditions – Evidence from China's 2000 Census, invited lecture at Population Studies and Training Center, Brown University, April 16, 2003, Providence, USA.
26. **Jiang, Leiwen**: Development in the Methodologies of Population-Environment Relationship Studies, invited lecture at Institute of Population Research, Renmin University, March 22, 2002, Beijing, China.
27. **Jiang, Leiwen**: Theories and Methods in the Studies of Population-Environment Interactions, invited lecture at Summer Institute for Environment Assessment and Monitoring, the Center for the Studies of Institution, Population and Environmental Changes, Indiana University, May 2000, Bloomington, USA.
28. **Jiang, Leiwen**: Impact of Population and Household Changes on Environment, invited lecture, Asian MetaCenter for Population and Sustainable Development Analysis, March, 2000, Penang, Malaysia.

vi. Paper read

1. **Jiang, L.** and B.C. O'Neill. Urbanization Scenarios. Presented at meeting on Socioeconomic Pathways for Climate Change Research, The Hague, Netherlands. May 14-16, 2012.
2. **Jiang, L.** and B.C. O'Neill: Urbanization in developing Asia: alternative scenarios and implications for rural-urban migration. Presented at Seminar on Internal Migration and Urbanization and their Socioeconomic Impacts in Developing Countries: Challenges and Policy Responses, Fuzhou, China, 10-12 Dec. 2011.
3. **Jiang, L.** Determinants of China fertility in the future decades. Presented at the workshop 'The likely future developments of fertility in low-fertility countries'. Vienna, Austria. Dec. 2, 2011.
4. **Jiang, L.** and B.C. O'Neill. New urbanization projections for use in socioeconomic scenario development. Presented at meeting on The Nature and Use of New Socioeconomic Pathways for Climate Change Research. Boulder, Nov. 2-4, 2011
5. B. O'Neill, R. Fuchs, **L. Jiang** (presenter), S. KC, and S. Pachauri, 2011: The effects of education on future energy demand and carbon emissions, presented at Population Association of America, April 30-May 2, 2011, Washington DC, USA.
6. **Jiang, Leiwen**, 2009: Urbanization, energy consumption and climate change. Presented at Population Association of America, April 30-May 2, 2009, Detroit, US.
7. O'Neill, B., M. Dalton, R. Fuchs, **Leiwen Jiang** (presenter), S. Pachauri, K. Zigova, 2009: The Influence of future demographic change on global greenhouse gas emissions. Paper presented at the 7th International Sciences Conference on the Human Dimensions of Global Environmental Change, 26-30 April 2009, Bonn, Germany.
8. Pachauri, Shonali (presenter) and **Leiwen Jiang**, 2009: Urbanization and household energy choices in developing countries. Paper presented at the 7th International Sciences Conference on the Human Dimensions of Global Environmental Change, 26-30 April 2009, Bonn, Germany.
9. **Jiang, Leiwen** and Shenghe Liu, 2009: Social segregation and integration in Peri-urban region of globalizing China. Paper presented at the 7th International Sciences Conference on the Human Dimensions of Global Environmental Change, 26-30 April 2009, Bonn, Germany.
10. **Jiang, Leiwen**, 2009: Urbanization, energy consumption and climate change. Paper presented at Association of American Geographers Annual Meeting, March 22-27, Las Vegas.
11. **Jiang, Leiwen** and Michael White, 2008: Migration, urbanization and spatial dispersion in China, paper presented at the Population Association of America annual meeting, New Orleans, April 30, 2008.
12. Dalton, M., **Jiang, L.**, Pachauri, S., and B.C., O'Neill. 2007, Demographic change and future carbon emissions in China and India. Presented at Population Association of America, March 28-31, New York.
13. **Jiang, Leiwen** and Brian O'Neill, 2007: Projecting US household changes with a new household model. Presented at Population Association of America, March 28-31, New York.
14. **Jiang, Leiwen**, 2006: The impact of urbanization on energy use in China, presented at the 3rd Beijing Forum, Beijing, Oct. 27-30.

15. **Jiang, Leiwen** and Brian O'Neill, 2005: urbanization and residential energy consumption in China, presented at the 6th Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Bonn Germany, Oct. 9-13.
16. **Jiang, Leiwen**, Tong Yufen and Zhaozhijie, 2005: Water, land resources and population dynamics in Tarim River Basin in Xinjiang of China, presented at the 6th Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Bonn Germany, Oct. 9-13.
17. Huang, Qian, Zhao Zhijie and **Leiwen Jiang**, 2005: Monitoring and assessment of the impacts of water management on land use in the downstream of Tarim River Basin, presented at the 6th Open Meeting of the Human Dimensions of Global Environmental Change Research Community, Bonn Germany, Oct. 9-13.
18. **Jiang, Leiwen**, Tong Yufen, Zhao Zhijie and Li Tianhong, 2005: Population migration and land degradation in Tarim River Basin, presented at International Workshop "Research on Population, Resources and Environment", Beijing-Xinjiang, China, Aug. 11-18.
19. **Jiang, Leiwen** and Brian O'Neill, 2005: Population change, economic growth and residential energy use in China, presented at 2005 IUSSP conference, July 18-23, Tours, France.
20. Dalton, Michael, Brian O'Neill, **Leiwen Jiang**, and John Pitkin, 2005: Households, consumption, and energy use: population age structure and future carbon emissions for the United States, presented at annual meeting of Population Association of America, March 31-April 3, Philadelphia, US.
21. **Jiang, Leiwen**. 2004: Housing condition of floating population in urban China, presented at the conference "China's migrants and urbanization", organized by China Association of Population Studies, June 16, Beijing, China.
22. **Jiang, Leiwen**, Tong Yufen, Zhao Zhijie, Li Tianhong, Liao Jianhua, 2004: Water resources, land exploitation and population dynamics in arid areas – the case of Tarim River Basin in Xinjiang of China, Paper presented at annual meeting of Population Association of America, April 30 – May 2, Boston, US.
23. **Jiang, Leiwen**, 2004: Living condition of floating population in urban China, Paper presented at annual meeting of Population Association of America, April 30 – May 2, Boston, US.
24. **Jiang, Leiwen**, Tong Yufen, Zhao Zhijie, Li Tianhong, Han Wei, 2003: Impacts of Population Migration on Land Degradation in Tarim River Basin, Xinjiang of China, paper presented annual meeting of Population Association of America, May 1-3, Minneapolis, US.
25. Alexia Fuernkranz-Prskawetz, **Leiwen Jiang** and Brian O'Neill, 2003: Future household transportation demand: a comparative analysis of the US and Austria, poster session at annual meeting of Population Association of America, May 1-3, Minneapolis, US.
26. Zhou Qiong, Ren Qiang and **Leiwen Jiang**, 2003: Family and household transition in China, paper present at annual meeting of Population Association of America, May 1-3, Minneapolis, US.
27. Pang Lihua and **Leiwen Jiang**, 2003: Migration and housing condition in China, paper presented at Conference on Scientific Study of China 5th Census, March 28-31, Beijing, China.
28. Cai Tianji, **Leiwen Jiang** and Ren Qiang, 2003: Housing arrangement and elderly support, paper presented at Conference on Scientific Study of China 5th Census, March 28-31, Beijing, China.

29. **Jiang, Leiwen**, 2002: On the possibility of probabilistic household projection, paper presented at workshop "How to deal with uncertainty in population forecasting?" organized by Vienna Institute for Demography and International Institute for Applied Systems Analysis, Vienna, December 12-14.
30. **Jiang, Leiwen** and Guo Youde, 2002: Projection of human capital for China 2000-2050, presented at Workshop on "Projections of Human Capital", organized by Asia MetaCenter for Population and Sustainable Development, Population College of Population Studies, Chulalongkorn University in Bangkok, 7-18 October.
31. **Jiang, Leiwen**, 2002: Has China completed demographic transition, paper presented at IUSSP Regional Conference, in Session 2: Fertility Trends and Prospects, 10-13 June, Bangkok, Thailand.
32. Alexia Fuernkranz, **Leiwen Jiang**, and Brian O'Neill, 2002: Demographic Composition and Projections of Car Use in Austria, presented at Population Association of America annual meeting, Atlanta Georgia, May 9-11.
33. **Jiang, Leiwen**, 2002: Demographic transition in China, paper presented at Fertility Decline, Below Replacement Fertility and the Family in Asia: Prospects, Consequences and Policies, organized by Asian MetaCentre, National University of Singapore, 10-12 April.
34. **Jiang, Leiwen**, 2001: On the differential fertility of Chinese oldest old, paper presented at International Seminar on Healthy Longevity in China, jointly organized by Healthy Longevity and Aging Committee of IUSSP, the Center for the Studies of Healthy Aging and Family, Peking University, and Chinese Association for Population Studies, October 25, Beijing, China.
35. **Jiang, Leiwen**, 2001: Application of remote sensing sciences in demographic studies, paper presented at the First Seminar of 21st Century on Scientific Study of Population, jointly organized by the Institute of Population Research, Renmin University and Chinese Association of Population Studies. October 17-19, Beijing.
36. Alexia Prskawetz, **Leiwen Jiang**, Brian C. O'Neill, 2001: Demographic changes and future car use in Austria, paper presented at International Union for Scientific Study of Population (IUSSP) general conference, Salvador, Brazil, August 18-24.
37. Brian O'Neill, **Leiwen Jiang** and Alexia Prskawetz, 2001: Aging, changes in household characteristics and energy use, presented at open meeting of the Human Dimensions of Global Environmental Changes Research Community, Rio de Janeiro, Oct. 6-8.
38. **Jiang, Leiwen**, A. Prskawetz, and Brian O'Neill, 2001: Demographic changes and future car use in Austria, paper presented at "the second workshop on population and environment: simulating and modeling this complex interactions", organized by Max Planck Institute for Demographic Research, Rostock, Germany, May 18 – 24.
39. **Jiang, Leiwen**, 2001: Studies of fertility of Chinese oldest old, paper presented at workshop on Healthy Aging of Chinese Oldest Old, jointly organized by the Institute of Population Research, Peking University, March 2-4, Beijing.
40. **Jiang, Leiwen**, 2001: Population, Development and Environment, paper presented at seminar "China in Transition: Population and Society Issues", organized by French National Institute for Demographic Research, January 30 – February 2, Paris.

41. **Jiang, Leiwen**, 2001: Population migration and land degradation in Xinjiang, China, paper presented at workshop "population and sustainable development", held by Advanced Study Center of Singapore National University, February 3 – 6, 2001, Singapore.
42. **Jiang, Leiwen**, 2000: Household Change and Environment, paper presented at Annual meeting of International Association for the Study of Common Property, Indiana University, June 2-7, Bloomington, US.
43. **Jiang, Leiwen**, 2000: Effects of Household Change on Environment – with Illustrative Simulations in Two Regions of China, paper presented at workshop on "Population and Environment: Methods of Analysis", April 10-11, Penang, Malaysia.
44. **Jiang, Leiwen** and A. Kuijsten, 1999: Urbanization and Temporary Population in China, paper presented at Chaire Quetelet 1999 "Populations and Urban Challenges", Oct. 26-29, Louvain-la-Neuve, Belgium.
45. **Jiang, Leiwen** and A. Kuijsten, 1999: Household Projections for Two Regions of China, paper presented at European Population Conference 1999, Aug. 31-Sept. 4, Den Hague, the Netherlands.
46. **Jiang, Leiwen** and A. Kuijsten, 1999: Effects of Changing Households on Environment – case studies in two regions of China, paper presented at the workshop "Population and Environment", Max Planck Institute for Demographic Research, August 12-14, Rostock, Germany.
47. **Jiang, Leiwen**, 1996: On Population Growth and Land Use, paper presented at International Symposium "Resources, Environment and Sustainable Development in North-East Asia and Its Adjacent Regions", August 7-10, Shenyang, China.
48. **Jiang, Leiwen**, 1996: What Do We Know about Social-Cultural Research and Population Policy Formulation in China, paper presented at Asian Regional Director Meeting for Project (UNESCO) "Socio-Cultural Factors Affecting Demographic Behaviour and Implications for the Formulation and Execution of Population Policies and Programmes", March 15-23, Bangkok, Thailand.
49. **Jiang, Leiwen**, 1994: Male participation in family planning, paper presented at International Symposium on Reproduction, Sex, Ethics and Women Rights – the Feminist Perspectives, Feb. 25- March 1, Beijing.
50. **Jiang, Leiwen**, 1993: Demographic and sociological perspectives on STDs prevalence, International Experts Symposium on Prevalence of and Countermeasures against STDs, Beijing, March.
51. **Jiang, Leiwen** and Zheng Xiaoying, 1992: Social determinants of psychological pressure of induced abortion on women, paper presented at Social Scientific Studies on Reproductive Health, Chengdu, September 8-12.
52. Cai Wenmei and **Leiwen Jiang**, 1992: Comparative Study of Population Distribution and Age Structure in China and India", paper accepted by the 22nd International Union for the Scientific Study of Population (IUSSP), Montreal, Canada, Oct.

Teaching:

Courses:

1. Teaching at Brown University
 - a. Population and Environment Research Methods (module), 2003, 2004, 2006, 2007
 - b. Population and Environment in China, 2005, 2006, 2007
2. Teaching at Indiana University
 - a. Population and Environment Research Methods (module), 2000
3. Teaching at Peking University,
 - a. Introduction to Population Studies (1993)
 - b. Demographic Research Methods (1994)
 - c. Classic works on Demographic Analysis (2000)
 - d. Population and Environment (2001)

Students advised:

1. PhD. student advising board at Peking University, advising 3 Ph.D. students 2001-2002.
2. Master degree student advising board at Brown University, 2004, 2005, 2006, 2007;
3. As the advisor for 6 students of master degree at Peking University (2000-2005).
4. Master degree student advising board Peking University, 40 students advised from 2000, as outside examiner for 2 master degree thesis for China Renmin University, 2002.
5. As reader for 6 theses of students in the International Relation Program, Brown University (2004-2008)