

Xiaohong "Iris" Quan

Assistant Professor of Entrepreneurship
Department of Organization & Management
College of Business, San Jose State University
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EDUCATION

Ph.D. (2005): Regional Economic Development, University of California, Berkeley.

Minor: Computer Networking

M. Econ. (2000): Peking University. P. R. China.

B. S. (1997): Peking University. P. R. China. *Minor: Law*

RESEARCH/TEACHING INTERESTS

Technology & Innovation Management

Business Strategy

Entrepreneurship

International Business

PUBLICATIONS

Peer Reviewed Journals:

1. **Xiaohong Quan**, Yasuyuki Motoyama (2010). "Empirical Disaggregation of Social Networks: A Study of Ethnic Professional Associations and Entrepreneurship in Silicon Valley." *Journal of Small Business & Entrepreneurship*, Vol.23, No.4, pp. 509-526. (forthcoming)
2. **Xiaohong Quan**, Henry Chesbrough (2010), "Hierarchical Segmentation of R&D Process and Intellectual Property Protection: Evidence from Multinational R&D labs in China". *IEEE Transactions on Engineering Management*, Vol.57, No.1, pp.9-21.
3. **Xiaohong Quan** (2010), "Knowledge diffusion from MNC R&D Labs in developing countries: Evidence from interaction between MNC R&D labs and local universities in Beijing", *International Journal of Technology Management*. Vol. 51, Nos. 2/3/4, pp.364-386.
4. William Y. Jiang, **Xiaohong Quan**, Shu Zhou, (2010). 'Historical, Entrepreneurial and Supply Chain Management Perspectives on the Semiconductor Industry'. *International Journal of Innovation and Technology Management*, Vol.7, No.1. pp.1-18.
5. **Xiaohong Quan**, AnnaLee Saxenian (2009). "Globalization of entrepreneurship – Evidence from a survey of Chinese and Indian immigrant professionals in Silicon Valley", *Journal of Management of Innovation and Entrepreneurship*. vol. 4. pp.36-64. (in Chinese)
6. **Xiaohong Quan** (2008) 'The government's multirole and a resulting importance of *guanxi* in the Chinese software industry', *International Journal of Technology Marketing*, Vol. 3, No. 3, pp.258–275.
7. Zhongxiao Chen, Yanglin Wang, **Xiaohong Quan**, Yafei Niu. (2000) 'Research on the Planning of Tourist Resources Development in Jinggangshan Scenic Resort', *Resource Development & Market*, 16(5) (in Chinese).
8. **Xiaohong Quan**, Kaizhong Yang. (1999) 'Comparative Advantage of Beijing's Industrial Structure', *China Industrial Economy*, No.11. (in Chinese)
9. **Xiaohong Quan**, Tiyan Shen. (1999) 'Analysis of Education Factor in Regional Innovation and Its

- Policy Implications’, *Chinese Geography Science*, No.4.
10. **Xiaohong Quan**, Kaizhong Yang. (1999) ‘Coordinated Development Pattern of Beijing and Tianjin’, *Economic Geography*, No.2. (in Chinese)
 11. **Xiaohong Quan**, Tiyan Shen. (1999) ‘Analysis of Education Factor in Regional Innovation and Its Policy Implications’, *China Soft Science*, No.11. (in Chinese)
 12. Kaizhong Yang, **Xiaohong Quan**, Wenzhang Dou. (1998). ‘Research on the Reform of Administrative Territorial Division in China’, *Chinese Territory*, No.2 (in Chinese)

Books and Book Chapters

13. **Xiaohong Quan**, Henry Chesbrough, Jihong Sanderson (2008). ‘Managing Intellectual Property in China: Case of the Semiconductor Industry’, in *Greater China's Innovative Capacities: Progress and Challenges*, The Walter H. Shorenstein Asia-Pacific Research Center, Stanford University, & Brookings Institution Press.
14. **Xiaohong Quan**. ‘China’s Ambition to be a Technological Power’, in G. Wang & J. Wong (Eds.), *Interpreting China's Development*. World Scientific Publishing Co. Pte Ltd. 2007.
15. **Xiaohong Quan**, Litao Zhao. ‘China’s Higher Education: Explosive Expansion Coming to an End’, in G. Wang & J. Wong (Eds.), *Interpreting China's Development*. World Scientific Publishing Co. Pte Ltd. 2007.
16. AnnaLee Saxenian, **Xiaohong Quan**. ‘Guanxi and Government: The Chinese Software Industry in Transition’, In S. Commander (Ed.), *The Software Industry in Emerging Markets: 73-132*. Cheltenham: Edward Elgar Publishing Limited. 2005.
17. AnnaLee Saxenian, Yasuyuki Motoyama, **Xiaohong Quan**. (2002) *Local and Global Networks of Immigrant Professionals in Silicon Valley*. Public Policy Institute of California.
18. **Xiaohong Quan**. ‘Transportation System Planning Strategy for Beijing’, *Sustainable Beijing*, Chapter 9, 1999. Beijing. (Chinese)
19. **Xiaohong Quan**. ‘Reconstruction of Economic Development Model’, *Sustainable Development –Choice at the turn of the Centuries*, Chapter 5, 1997. Beijing. (Chinese)

Conference Proceedings and Reports

20. **Xiaohong Quan**, Jihong Sanderson. “A Comparison on International R&D Strategies of Chinese Companies in Europe and the U.S.” Stanford-SJSU conference on The Future of Industry & Innovation in Asia, July 2010.
21. Jieyin Zhang, Alberto Di Minin and **Xiaohong Quan** (2010) ‘A Comparison on International R&D Strategies of Chinese Companies in Europe and the U.S.’. The R&D Management Conference 2010. 'Information, imagination and intelligence in R&D management' Manchester, 30 June - 2 July 2010.
22. Asbjorn Osland, **Xiaohong Quan**, Aparajitha Vadlamannati, William Jiang. (2010) “How Should Nutriset Deal With Intellectual Property?”. Society for Case Research Annual Meeting 2010. Chicago, March 24-26.
23. **Xiaohong Quan** and Henry Chesbrough, (2008) ‘Hierarchical Segmentation of R&D Process and Intellectual Property Protection: Evidence from Multinational R&D Labs in China’. 2008 Industry Studies Conference Paper. Issue 6. Available at SSRN: <http://ssrn.com/abstract=1123570>
24. William Y. Jiang, **Xiaohong Quan**, Shu Zhou, (2008). ‘Historical, Entrepreneurial and Supply

- Chain Management Perspectives on the Semiconductor Industry’. PICMET (Portland International Conference on Management of Engineering and Technology) 2008 Proceedings, 27-31 July, Cape Town, South Africa.
25. **Xiaohong Quan**, ‘China’s Rising Software Industry: a Government-driven Model’. East Asian Institute. Background Brief No. 319. Feb 2007.
 26. **Xiaohong Quan**, ‘MNCs Rush to Set Up R&D Labs in China: What is the Nature?’ East Asian Institute. Background Brief No. 332. May 2007.
 27. **Xiaohong Quan**. ‘An Illustration of Public Diplomacy: The Role of Ethnic Chinese and Their Associations in Silicon Valley’. Stanford-USF conference on Public Diplomacy. April, 2007.
 28. **Xiaohong Quan**. ‘Hierarchical Modular R&D Structure and Intellectual Property Protection’. *2006 IEEE International Conference on Management of Innovation and Technology Proceedings*. A different version of the paper was presented at *Academy of International Business*.
 29. Xia Gao, **Xiaohong Quan**, Ravi Jain, Toshiro Kawahara, Ged Powell, ‘Wireless local loop at the bottom of the pyramid’, *WCNC 2004 - IEEE Wireless Communications and Networking Conference*, Vol. 5, No. 1, March 2004. pp. 459-464.
 30. **Xiaohong Quan**, Yasuyuki Motoyama. ‘Social Networks and Entrepreneurship: An Empirical Study on Roles of Ethnic Professional Associations in Silicon Valley’. Academy of Management conference. August 2007.
 27. David Teece, Henry Chesbrough, **Xiaohong Quan**. ‘The Globalization of R&D in the Semiconductor Industry’, Report for the Alfred P. Sloan Foundation, 2005.

Conference Presentations and Invited Talks

1. Stanford-SJSU conference on The Future of Industry & Innovation in Asia, July 2010.
2. The R&D Management Conference 2010. Manchester, 30 June - 2 July 2010.
3. Society for Case Research Annual Meeting 2010. Chicago, March 24-26. 2010
4. IEEE Technology Management Council (Santa Clara Valley/San Francisco Chapter) meeting. June 2010. “Doing R&D in China”.
5. Sloan Industry Studies Annual Conference, Boston, May 2008.
6. Sanjaya Lall Programme conference: Confronting the Challenges of Technology for Development: Experiences from the BRICS Oxford University, May 2008
7. PICMET (Portland International Conference on Management of Engineering and Technology), Cape Town, South Africa, July 2008
8. Academy of Management. Philadelphia, August 2007.
9. Stanford-USF conference on Public Diplomacy. April 2007.
10. Academy of International Business. June 2006.
11. IEEE International Conference on Management of Innovation and Technology. June 2006
12. Standford—Tsinghua workshop on ‘Greater China's Innovative Capacities: Progress and Challenges’, May 2006.
13. The Walter H. Shorenstein Asia-Pacific Research Center, Stanford University. Nov. 2005.
14. Sloan Industry Studies Annual Conference, MIT, Boston, 2005.
15. Department of Business Policy, NUS Business School, National University of Singapore. June 2006.
16. Singapore Management University. June 2006.

Awards

2009-2010: SJSU Junior Faculty Career Development Grant
2009-2010: College of Business Cost Share Funds
2009-2010: San Jose State University Planning Council Release Time Grant
2008-2009: CSU Research Grant: "Prior experience, social networks, and entrepreneurship"
2005 ~ 2006: Stanford University SPRIE Research Fellowship.
2004 ~ 2005: Alfred P. Sloan Foundation Fellowship.
2004 ~ 2005: Pacific Rim Research Grant, UC system-wide research grant.
2003 ~ 2004: Dean's Normative Time Fellowship, University of California, Berkeley.
2003 ~ 2004: Academic Progress Award, University of California, Berkeley.
2000 ~ 2002: Departmental Block Grant, University of California, Berkeley.
1995 ~ 1999: Academic Excellence Fellowship, Peking University.

Professional Affiliation & Community Service

Technical Chair, 2011 IEEE International Technology Management Conference.

It will be held in San Jose. The theme of the conference is Managing Technology in Challenging Times. The conference organization work has been started since August 2009.

Member, Academy of Management. (since 2004)

Member, Academy of International Business. (since 2005)

Served on the committee of the Academy of Innovation of Entrepreneurship Conference (AIE).
2007-2009

Invited paper reviewer, *IEEE Transactions of Engineering Management* 2008-2009.

Invited paper reviewer, *Technovation*. 2006-2010.

Invited paper reviewer, *Journal of Ethnic and Migration Studies*. 2006-2007.

Invited paper reviewer, *International Journal of Technology Management*. 2008-2009.

Invited paper reviewer, *International Journal of Technology Marketing*. 2007-2008.

Invited paper reviewer, *Journal of Chinese Technology Management*. 2008-2009.

Ad hoc paper reviewer, *Academy of Management conference*. 2006-2009.