

Carsten A. Holz

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University of Southern California
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Date of birth: 5 Sept. 1964

Fields: economic development, China's economy

Academic employment

2010 - 2011 Visiting Professor, Department of Economics, University of Southern California
2010 - Professor, Social Science Division, Hong Kong University of Science & Technology (HKUST)
2007 - 2008 Visiting Research Scholar, Princeton Institute for International and Regional Studies, and Visiting Associate Professor, Department of Economics and Woodrow Wilson School, Princeton University
2003 - 2004 Visiting Scholar, Asia-Pacific Research Center, Stanford University
2002 - 2010 Associate Professor, Social Science Division, HKUST
1999 - 2000 Visiting Assistant Professor, Department of Economics, Cornell University
1995 - 2002 Assistant Professor, Social Science Division, HKUST
1990 - 1991 Lecturer in economics at the University of East Asia, Macau

Education

1991 - 1995 Ph.D., Department of Economics, Cornell University
1986 - 1987 Chinese language studies at Northwest University, Xi'an, PRC
1984 - 1989 Diplom Volkswirt Regionalstudium China (B.A./M.A. in economics and area studies China),
Tübingen University, Germany

Awards

2002 Gordon White Prize 2001 for my article "Economic Reforms and State Sector Bankruptcy in China" as the most original article or research report published in *The China Quarterly* in 2001

Publications

Monographs

In preparation: *Measuring Chinese Productivity Growth, 1952-2008*. The MIT Press.

China's State-owned Enterprises between Profitability and Bankruptcy. Singapore: World Scientific, August 2003, 351pp.

The Role of Central Banking in China's Economic Reforms. Cornell East Asia Series, no. 59. Ithaca: Cornell University East Asia Program, 1992, 220pp.

Journal articles

"The Unbalanced Growth Hypothesis Revisited: the Role of State Ownership in China's Economic Growth." Forthcoming in the *Journal of Development Economics*.

"No Razor's Edge: Reexamining Alwyn Young's Evidence for Increasing Inter-Provincial Trade Barriers in China." *The Review of Economics and Statistics* 91, no. 3 (Aug. 2009): 599-616.

"China's Economic Growth 1978-2025: What We Know Today about China's Economic Growth Tomorrow." *World Development* 36, no. 10 (Oct. 2008): 1665-91.

"Revisions to China's GDP Data Following the 2004 Economic Census: More Questions Than Answers?" *The China Quarterly*, no. 193 (March 2008): 150-63.

- “Spatial Price Differences in China: Estimates and Implications.” With Loren Brandt. *Economic Development and Cultural Change* 55, no. 1 (Oct. 2006): 43-86.
- “New Capital Estimates for China.” *China Economic Review* 17, no. 2 (2006): 142-85.
- Also in the same issue: “Response to Gregory C. Chow’s ‘New Capital Estimates for China: Comments,’” pp. 193-97.
- “China’s Reform Period Economic Growth: How Reliable Are Angus Maddison’s Estimates?” *Review of Income and Wealth* 52, no. 1 (March 2006): 85-119.
- With “China’s Reform Period Economic Growth: How Reliable Are Angus Maddison’s Estimates? Response to Angus Maddison’s Reply.” *Review of Income and Wealth* 52, no. 3 (Sept. 2006): 471-5.
- “China’s Statistical System in Transition: Challenges, Data Problems, and Institutional Innovations.” *Review of Income and Wealth* 50, no. 3 (Sept. 2004): 381-409.
- “Deconstructing China’s GDP Statistics.” *China Economic Review* 15, no. 2 (2004): 164-202.
- “‘Fast, Clear and Accurate:’ How Reliable Are Chinese Output and Economic Growth Statistics?” *The China Quarterly*, no. 173 (March 2003): 122-63.
- “Long Live China’s State-owned Enterprises: Deflating the Myth of Poor Financial Performance.” *Journal of Asian Economics* 13, no. 4 (July/Aug. 2002): 493-529.
- “Institutional Constraints on the Quality of Statistics in a Developing and Transitional Economy: the Case of China.” *China Information* 16, no. 1 (2002): 25-67.
- “The Impact of Competition and Labor Remuneration on Profitability in China’s Industrial State-owned Enterprises.” *Journal of Contemporary China* 11, no. 32 (Aug. 2002): 515-38.
- “The Impact of the Liability-Asset Ratio on Profitability in China’s Industrial State-owned Enterprises.” *China Economic Review* 13, no. 1 (2002): 1-26.
- “The 1997-1998 Break in Industrial Statistics: Facts and Appraisal.” With Yi-min Lin. *China Economic Review* 12, no. 4 (2001): 303-16.
- “Pitfalls of China’s Industrial Statistics: Inconsistencies and Specification Problems.” With Yi-min Lin. *The China Review* 1, no. 1 (Fall 2001): 29-71.
- “Economic Reforms and State Sector Bankruptcy in China.” *The China Quarterly*, no. 166 (June 2001): 342-67.
- “Why Do Aggregate Production Functions Work? Fisher’s Simulations, Shaik’s Identity and Some New Results.” With Jesus Felipe. *International Review of Applied Economics* 15, no. 3 (July 2001): 261-85.
- “Identifying the Patterns of Profitability Across Chinese State-owned Enterprises: Which Industrial State-owned Enterprises in China Are Profitable?” *Journal of Asian Business* 17, no. 2 (2001): 33-62.
- “Banking and Enterprise Reform in the People’s Republic of China after the Asian Financial Crisis: An Appraisal.” With Tian Zhu. *Asian Development Review* 18, no. 1 (2000/2001): 73-93.
- “China’s Monetary Reform: The Counterrevolution from the Countryside.” *Journal of Contemporary China* 10, no. 27 (May 2001): 189-217.
- “The Changing Role of Money in China and Its Implications.” *Comparative Economic Studies* 42, no. 3 (Fall 2000): 77-100.
- “Contractionary Investment Policies in China 1988/89: Accounting for the Implementation Difficulties and Successes.” *The China Quarterly*, no. 160 (Dec. 1999): 881-918.

Short articles

- “Statistics,” in David Pong (editor-in-chief), *Encyclopedia of Modern China*, Detroit, MI: Charles Scribner’s Sons, 2009, Vol. 3, pp. 497-9.
- “Have China Scholars All Been Bought?” *Far Eastern Economic Review* 170, no. 3 (April 2007): 36-40.
- “More Number Games.” *China Economic Quarterly* 10, no. 3 (third quarter, 2006): 40-44.

- “Why China’s Growth Is Sustainable.” *Far Eastern Economic Review* 169, no. 3 (April 2006): 41-6.
- “Why China’s New GDP Data Matters.” *Far Eastern Economic Review* 169, no. 1 (Jan./Feb. 2006): 54-7.
- “China’s Economic Growth Statistics: Trustworthy in the Long Run, Less So in the Short Run.” Asia-Pacific Research Center, Stanford University, *APARC Dispatch October 2004*.
- “China’s GDP Growth Numbers: Can We Believe Them?” *China Economic Quarterly* 7, no. 1 (first quarter, 2003): 33-7.
- “The People’s Bank of China in the mid-1990s.” *China Finance* 2, no. 3 (May 1996), 5pp.

Book chapters

- “*Zhongguo tongji xitong de bianqian: tiaozhan, ziliao wenti he zhidu chuangxin*” (China’s Statistical System in Transition: Challenges, Data Problems, and Institutional Innovations), Chapter 10 in Guan Xinji and Xiong Jingming (eds.), *Zhongwai ming xuezhe lun 21 shiji chu de zhongguo* (Famous Chinese and Overseas Scholars Discuss China at the Beginning of the 21st Century). Hong Kong: Chinese University Press, 2009, pp. 177-204. Previously published as English language journal article.
- “Institutional Arrangements for the Production of Statistics,” Chapter 5 in OECD, *China in the Global Economy: Governance in China*, Paris, 2005, pp. 169-96.
- “Assessment of the Current State of China’s Economic Reforms.” With Tian Zhu. In Alvin So (ed.), *China’s Developmental Miracle: Origins, Transformations, and Challenges*. Armonk, NY: M.E. Sharpe, 2003, pp. 183-223.
- Also as journal article in *The Chinese Economy* 35, no. 3 (May-June 2002): 26-51.
- “The Functional, Institutional, and Personnel Changes in China’s Financial System: Reasons and Implications.” In Johann Heinrich von Stein (ed.), *China’s Changing Financial System*. Frankfurt am Main: Fritz Knapp Verlag, 1997, pp. 107-38. [chapter and book in German]

Book reviews

- Chen, Chien-Hsun and Hui-Tzu Sh Yuann, James K., and Jason Inch. *Supertrends of Future China: Billion Dollar Business Opportunities for China’s Olympic Decade*. (Singapore: World Scientific, 2008.) *Journal of Asian Business*, forthcoming.
- Chen, Chien-Hsun and Hui-Tzu Shih. *Mergers and Acquisitions in China: Impacts of WTO Accession*. Advances in Chinese Economic Studies. (Cheltenham: Edward Elgar, 2008). *Journal of Asian Business*, forthcoming.
- Shue, Vivienne, and Christine Wong (eds.), *Paying for Progress in China: Public Finance, Human Welfare and Changing Patterns of Inequality*. (Milton Park and New York: Routledge, 2007). *The China Review* 7, no. 2 (Fall 2007): 225-8.
- Cousin, Violaine, *Banking in China*. (Houndmills, Basingstoke, Hampshire, and New York: Palgrave Macmillan, 2007). *The China Quarterly*, no. 191 (Sept. 2007): 763f.
- Yusuf, Shahid, Kaoru Nabeshima, and Dwight H. Perkins, *Under New Ownership: Privatizing China’s State-Owned Enterprises*. (World Bank, Washington DC, and Stanford University Press, Palo Alto, 2006). *Asian-Pacific Economic Literature* 20, no. 2 (Nov. 2006): 75f.
- Garnaut, Ross, and Song Ligang (eds.), *China: Is Rapid Growth Sustainable?* (Canberra: Asia Pacific Press at The Australian National University, 2004). *The China Journal*, no. 54 (July 2005): 155-7.
- Lin, Justin Yifu, Fang Cai, and Zhou Li, *The China Miracle: Development Strategy and Economic Reform*, revised edition. (Hong Kong: The Chinese University Press, 2003). *The China Review* 3, no. 2 (Fall 2003): 173-6.
- Song, Ligang (ed.), *Dilemmas of China’s Growth in the Twenty-First Century*. (Canberra: Asia Pacific Press at The Australian National University, 2002). *Journal of Asian Business* 19, no. 2 (2003): 103-5.
- Jae Ho Chung (ed.), *Cities in China: Recipes for Economic Development in the Reform Era*. (London and New York: Routledge, 1999). *The China Journal*, no. 46 (July 2001): 162-5.

Jean C. Oi, *Rural China Takes Off: Institutional Foundations of Economic Reform*. (Berkeley: University of California Press, 1999). *The Journal of Asian Studies* 59, no. 2 (May 2000): 416-8.

Gang Yi, *Money, Banking, and Financial Markets in China*. (Boulder: Westview Press, 1994). *China Review International* 3, no. 2 (Fall 1996): 582-7.

Published working papers

“The Institutional Arrangements for the Production of Statistics.” OECD Statistics working paper, STD/DOC (2005) 1, 19 Jan. 2005. (In slightly abridged/revised version as book chapter, see above.) At: [http://www.oalis.oecd.org/oalis/2005doc.nsf/43bb6130e5e86e5fc12569fa005d004c/79bd1182713f436ec1256f8e0033ebb2/\\$FILE/JT00177141.PDF](http://www.oalis.oecd.org/oalis/2005doc.nsf/43bb6130e5e86e5fc12569fa005d004c/79bd1182713f436ec1256f8e0033ebb2/$FILE/JT00177141.PDF)

Other working papers

“The Quantity and Quality of Labor in China 1978-2000-2025.” May 2005. (Manuscript, not in paper format, 81pp.)

“Financing Constraints and Investment in China’s Township and Village Enterprises.” Dec. 1999, Social Science Division working paper, HKUST.

“China’s Bad Loan Problem.” April 1999, Social Science Division working paper, HKUST.

Dissertation

“Economic Policy Transmission During China’s Transition: A Theoretical Framework and a Case Study of Central Control Over Investment.” Ph.D. dissertation, Cornell University, Department of Economics, August 1995.

Research Grants

- 1/2008- Research Grants Council (Hong Kong), Competitive Earmarked Research Grant 2007-2008: ‘Economic Fragmentation and Domestic Trade Patterns in China’ (HKD 376,508, Principal Investigator)
 - 8/2005-1/2008 Research Grants Council (Hong Kong), Competitive Earmarked Research Grant 2005-2006: ‘China’s Economic Growth Prospects’ (HKD 117,600, PI)
 - 2/2005-12/2007 Direct Allocation Grant (HKUST): ‘The Contribution of Sample Surveys to GDP Statistics in China’ (HKD 50,000, PI)
 - 7/2003-6/2005 Research Grants Council (Hong Kong), Competitive Earmarked Research Grant 2003-2004: ‘The Role of State Ownership in China’s Economic Growth’ (HKD 135,000, PI)
 - 11/2002-10/2004 Direct Allocation Grant (HKUST): ‘Price Indices in China’ (HKD 65,000, PI)
 - 12/2001-9/2002 Direct Allocation Grant (HKUST): ‘State-owned Enterprise Profitability in China’ (HKD 37,000, PI)
 - 4/1999-6/2002 Direct Allocation Grant (HKUST): ‘Explaining Informal Finance in China’ (HKD 63,800, PI)
 - 4/1996-9/1998 Direct Allocation Grant (HKUST): ‘Financing and the Growth of Small- and Medium-Sized Enterprises in China’ (HKD 82,000, PI)
- Various small grants (travel, conference attendance, software purchase, ‘Salzburg Seminar’ fellowship, visits to overseas institutions)

Service

Reviewer for: Asian Development Review, Canadian Journal of Economics, China Economic Review, China Information, The China Quarterly, China Review, Comparative Economic Studies, Eastern Economic Journal, Economic Development and Cultural Change, Economic Systems, Governance, Journal of Asian Economics, Journal of Chinese Economic and Business Studies, Journal of Comparative Economics, Journal of Development Studies, Modern China, Oxford Bulletin of Economics and Statistics, Quarterly Journal of Economics, Review of Income and Wealth, World Development, World Politics

Reviewer for the Hong Kong Research Grants Council

Member of the Editorial Board of the *Review of Income and Wealth* (Sept. 2006-)

Member of the Editorial Advisory Board of the *China Economic Review* (1 Jan. 2005-)

Member of the Advisory Board of the *China Economic Quarterly* (2003-)

Professional membership: American Economic Association, International Association for Research in Income and Wealth, Chinese Economists Society, Chinese Economists Association of North America, Hong Kong Economic Association

Courses

Undergraduate level

Introduction to China's Economy, China's Economy, The Chinese Economy (also at USC, 2010)

Money and Banking in China

Money and Banking (at the University of East Asia, 1990)

International Monetary and Financial Economics

Intermediate Microeconomics (at Cornell University, 1999/2000)

Principles of Macroeconomics (at USC, 2011)

Intermediate Macroeconomics (at Cornell University, 2000, and at USC, 2011)

Statistics

Quantitative Methods in the Social Sciences

East Asian Economic Development (also at Princeton University, 2008, and at USC, 2010)

Utopian Economies (at the University of East Asia, 1991)

(Post-)graduate level

Social Science Research Methods

Quantitative Analysis in the Social Sciences

China's Economic Growth

The Chinese Economy (also in the Woodrow Wilson School, Princeton University, 2008)

Economics of Development

Conferences and seminars

Presentations

Labour Market Statistics in China

Hong Kong Institute for Monetary Research, Hong Kong Monetary Authority, The Seventh HKIMR Conference on the Mainland Economy "Macroeconomic Statistics and Surveillance in Mainland China," 16-17 Nov. 2009

Measuring Economic Growth and Productivity Change in China

Hong Kong Institute for Monetary Research, Hong Kong Monetary Authority, 27 May 2009

Department of Economics, Lingnan University, 28 April 2009

Institut fuer Sinologie, Universitaet Heidelberg, 24 April 2009 ("Economic Growth and Structural Change in China")

Chinese Economic Association in North America, Allied Social Science Association Meetings, San Francisco, 4 Jan. 2009 ("Measuring Productivity Change in China")

UCSD School of International Relations and Pacific Studies, 17 Nov. 2008

Bank of Finland Institute for Economies in Transition, 29 Oct. 2008

- Conference on Thirty Years of Economic Reform and Opening in China, Chinese University of Hong Kong, 23 Oct. 2008
- The Role of State Ownership in China's Economic Growth*
International Symposium on Chinese Economic Growth: Causes, Prospects and Its Implications for Macao, Macao, 3 March 2007
- Western Economic Association International Pacific Rim Conference, Beijing, 12 Jan. 2007
- No Razor's Edge: Reexamining Alwyn Young's Evidence for Increasing Inter-Provincial Trade Barriers in China*
American Economic Association Meetings, Boston, 7 Jan. 2006
- China's Economic Growth 1978-2025: What We Know Today about China's Economic Growth Tomorrow*
Bank of Finland, 30 Oct. 2008
- Princeton Institute for International and Regional Studies, 24 Oct. 2007
- Salzburg Seminar Session 438, 6 Dec. 2006
- Stanford Center for International Development, 21 Nov. 2006
- Chinese Economists Society Meetings, Shanghai, 2 July 2006
- Macao University, 12 May 2006
- OECD Statistics Directorate, Paris, 14 Nov. 2005
- China Economic Quarterly / Gavekal Seminar, Hong Kong, 8 Nov. 2005
- Center on China's Transnational Relations, HKUST, 30 Sept. 2005
- Western Economic Association Meetings 2005, San Francisco, 7 July 2005
- Universities Service Center of China Studies, Chinese University of Hong Kong, 30 June 2005
- Association for Asian Studies Meetings, San Diego, 5 March 2004 ("Economic Growth in China: Past and Future")
- Center for East Asian Studies, Stanford University, 23 Feb. 2004 ("Economic Growth in China: Past and Future")
- China's Statistical System in Transition: Challenges, Data Problems, and Institutional Innovations*
40th Anniversary Conference, The State of Contemporary China, Universities Service Center for China Studies, Hong Kong, 7 Jan. 2004
- Chinese Data*
School of Economics and Finance, University of Hong Kong, 12 March 2003
- 'Fast, Clear and Accurate:' *How Reliable Are Chinese Output and Economic Growth Statistics?*
International Conference in Honor of Gregory Chow ("China and the World Economy"), City University of Hong Kong, 15 June 2002
- Long Live China's State-owned Enterprises: Deflating the Myth of Poor Financial Performance*
Social Science Seminar, HKUST, 19 April 2001
- Chinese Economic Association in North America, Allied Social Science Association Meetings, 9 Jan. 2000
- Some Common Misperceptions on the Development of the Liability-Asset Ratio and Its Impact on Profitability in China's Industrial State-owned Enterprises*
Chinese Economic Association in North America, Allied Social Science Association Meetings, 5 Jan. 2001
- Economic Reforms and State Sector Bankruptcy in China*
First Biennial Conference, Hong Kong Economic Association, 16 Dec. 2000
- Cong zhongguo guoyou shangye yinhang daikuan zhiliang yu daikuan qishi kan difang jinrong* (The loan quality and lending bias of China's state commercial banks and the development of local financial intermediation)
Conference on local finance organized by *Jinrong shibao* (Financial Times newspaper) and *Difang jinrong zazhishe* (Local Finance journal), Beijing, 1 May 1999
- Financing Constraints and Investment in China's Township and Village Enterprises*
Association for Asian Studies Annual Meeting, 12 March 1999
- China's Monetary Reform: The Counterrevolution from the Countryside*
Chinese Economic Association in North America, Allied Social Science Association Meetings, 5 Jan. 1999
- China's Bad Loan Problem*
Chinese Economists Society, Allied Social Science Association Meetings, 3 Jan. 1999
- Zhongguo qianzai jinrong weiji: buliang daikuan wenti* (China's latent financial crisis: the bad loan problem)
Huanan Ligong Daxue (South China University of Technology), Guangzhou, PRC, 28 Nov. 1998
- China's Financial Crisis*
Dept. of Economics, HKUST, 9 Nov. 1998

Financing and the Growth of Rural Enterprises in China

Western Economic Association International, 73rd Annual Conference, 30 June 1998

The Changing Role of Money in China and Its Implications

Universities Service Center, Chinese University of Hong Kong, 19 Feb. 1998

Chinese Economic Association in North America, Allied Social Science Association Meetings, 4 Jan. 1998

Social Science Seminar, HKUST, 19 Nov. 1997

Economic Policy Implementation During the PRC's Transition: A Case Study of Central Control Over Investment

Chinese Economic Association in North America, Allied Social Science Association Meetings, 4 Jan. 1997

Social Science Seminar, HKUST, 5 Dec. 1996

On Production Functions, Technical Progress, and Time Trends (With Jesus Felipe)

Dept. of Economics Seminar, Hong Kong University, 4 Nov. 1996

Dept. of Economics Seminar, HKUST, 11 Oct. 1996

China's Monetary System: Advances and Limitations

Social Science Seminar, HKUST, 27 March 1996

Chaired conference sessions

"Economic Development in China," Chinese Economic Association in North America, Allied Social Science Association Meetings, San Francisco, 4 Jan. 2009

"Technology and Productivity," Western Economic Association International Pacific Rim Conference, Beijing, 12 Jan. 2007

"Financial Reform," The Third Annual Graduate Seminar on China, Universities Service Center for China Studies, Chinese University of Hong Kong, 8 Jan. 2007

"Aspects of China's Economy" and "China's Economic Growth III," All China Economics International conference, City University, Hong Kong, 18 and 19 Dec. 2006

"Financial Reform," The First Annual Graduate Seminar on China, Universities Service Center for China Studies, Chinese University of Hong Kong, Jan. 2003

"Current issues in China," first biennial conference of the Hong Kong Economic Association, 16 Dec. 2000

Discussant

Etsuro Shioji, "Investment and Capital Stock," Asian Development Bank and Chinese University of Hong Kong Workshop on Long-Term Projections of Asian GDP and Trade, Hong Kong, 8 July 2010

Joseph P.H. Fan, Jun Huang, Randall Morck, and Bernard Yeung, "The Visible Hand behind China's Growth," Chinese University of Hong Kong and National Bureau of Economic Research *Conference on Capitalizing China*, Hong Kong, 15-16 Dec. 2009

Languages

English: near-native

Mandarin: fluent

German: mother tongue, in disuse

French: good reading and listening, poor speaking and writing

Arabic: good around 1993, not used since