

CURRICULUM VITAE

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ACADEMIC BACKGROUND

Harvard University, Cambridge, MA, USA
MA, Ph.D. Economics
Special Fields: Monetary Economics, International Trade, Economic Development
Dissertation topic: Rural Social Relations and Agricultural Development in Pakistan

Cambridge University, UK
B.A. (Honors) Economics
Special Fields: Money and Banking, International Trade, Public Finance

PROFESSIONAL EXPERIENCE

- 2011- Chief Economist, Growth Dialogue, School of Business, George Washington University, Washington DC, USA.
- 2015- Adjunct Professor, School of Advanced Studies, Johns Hopkins University, Washington DC.
- 2015-2017 Member, Singapore Workforce Development Agency's Research International Advisory Panel.
- 2017 - Non-resident Fellow, Center for Global Development, Washington DC.
- 2010 - Consultant to the World Bank; Africa Center for Economic Transformation (ACET); International Growth Center (London); Centennial Group Inc. (Washington DC); Asian Development Bank; IDRC (Canada); UNDP (New York); OECD (Paris); the IMF; Brookings Institution; and Nazarbayev University, Astana, Kazakhstan.
- 1974-2009 World Bank Staff member
- 2009 Economic Adviser and Manager of East Asia Prospects Study, World Bank Institute
- 2000-2009 Economic Adviser and Manager of East Asia Prospects Study, Development Economics Research Group
- 1998-1999 Staff Director, World Development Report 1999/2000, "Entering the 21st Century-

Globalization, Decentralization and Urbanization”

1997-98	Economic Adviser to Chief Economist and Senior Vice President
1996-97	Lead Specialist, Macroeconomics II, Africa Region
1995-96	Lead Economist, East Africa Dept., Africa Region
1994-94	Adviser to the Director, PRD, Development Economics
1993-94	Research Administrator, Research Advisory Staff, Development Economics
1989-93	Lead Economist, China and Mongolia Department, East Asia Region
1987-89	Principal Economist, COD, China and Mongolia Department, East Asia Region
1984-87	Principal Economist, Malaysia, PNG and Pacific Islands Division, East Asia Region
1980-84	Economist/Senior Economist, Korea Division, East Asia Region
1975-80	Economist, Public and Private Finance Division, Development Economics Department
1975	Young Professional, Chief Economist’s Office, East Asia Region
1974-75	Young Professional, Public Finance Division, Development Economics Department

BOOKS

China and the Global Economy, ed. Shahid Yusuf. Edward Elgar Publishing. (October 2017).

Economic Challenges for Korea: Mega Trends and Scenario Analysis. With Danny Leipziger and Carl Dahlman. Korea Institute for International Policy. Seoul. 2017.

How Economies Grow, eds. Shahid Yusuf and Danny Leipziger. Growth Dialogue, Washington DC, 2014.

The Buzz in Cities: New Economic Thinking. ed. Shahid Yusuf. Growth Dialogue, Washington DC. 2014

Five Cities Going Green, Shahid Yusuf. Growth Dialogue. Washington DC, 2013.

Some Small Countries do it Better: Rapid Growth and its Causes in Singapore, Finland and Ireland, with Kaoru Nabeshima. Washington DC. World Bank. 2012.

Geography of Growth, with Raj Nallari and Breda Griffith. Washington DC. World Bank, 2012.

Frontiers in Development Policy: A Primer on Emerging Issues, with Raj Nallari, Breda Griffith and Rwitwika Bhattacharya. Washington DC. World Bank. 2011.

Changing the Industrial Geography of Asia: The Impact of China and India, with Kaoru Nabeshima. Washington DC. World Bank. 2010

Two Dragon Heads: Contrasting Development Paths for Beijing and Shanghai, with Kaoru Nabeshima, Washington, DC: World Bank, 2010.

Tiger Economies Under Threat: A Comparative Analysis of Malaysia’s Industrial Prospects and Policy

Options, with Kaoru Nabeshima, Washington, DC: World Bank, 2009.

Development Economics Through the Decades: A Critical Look at 30 Years of the World Development Report, World Bank, 2009

Poverty Reduction and Beyond: Development Strategies for Low-Income Countries, with Takashi Shiraishi and Tatsufumi Yamagata (eds.), Palgrave Macmillan. 2009

Accelerating Catch-up: Tertiary Education for Growth in Sub-Saharan Africa, with William Saint and Kaoru Nabeshima World Bank, 2009.

Towards a Knowledge Economy in Thailand, with Kaoru Nabeshima, World Bank and NESDB. 2008.

Growing Industrial Clusters in Asia: Serendipity and Science, with Kaoru Nabeshima and Shoichi Yamashita (eds.). World Bank. 2008.

China Urbanizes, with Anthony Saich (eds.). World Bank. 2008.

Dancing with Giants: China, India and the Global Economy, with Alan Winters (eds.). World Bank. 2007.

How Universities Can Promote Economic Growth, with Kaoru Nabeshima (eds.). World Bank. 2007.

Post-Industrial East Asian Cities, with Kaoru Nabeshima. Stanford University Press. 2006.

China's Development Priorities, with Kaoru Nabeshima. World Bank. 2006.

Under New Ownership: Privatizing China's State-owned Enterprises, with Kaoru Nabeshima and Dwight Perkins. Stanford University Press. 2005.

Global Change and East Asian Policy Initiatives, with M. Anjum Altaf and Kaoru Nabeshima (eds.). World Bank and Oxford University Press. 2004.

Global Production Networking and Technological Change in East Asia. with M. Anjum Altaf and Kaoru Nabeshima (eds.). World Bank and Oxford University Press. 2004.

Innovative East Asia: The Future of Growth, with others. World Bank and Oxford University Press. 2003.

Can East Asia Compete: Innovation and IT for Global Markets, with Simon Evenett. Oxford University Press. 2002.

Rethinking the East Asian Miracle, with Joseph E. Stiglitz (eds.). Oxford University Press. 2001.

Facets of Globalization, with Simon Evenett and Weiping Wu (eds.). World Bank. 2001.

Local Dynamics in an Era of Globalization, with Weiping Wu and Simon Evenett (eds.). Oxford University Press. 2000.

World Development Report 1999/2000, Entering the 21st Century. Oxford University Press. 1999.

The Dynamics of Urban Growth in Three Chinese Cities, with Weiping Wu. Oxford University Press. 1997.

Rural Development in China, with Dwight Perkins. Johns Hopkins Press. 1984.

ARTICLES, DISCUSSION PAPERS, BOOK CHAPTERS AND REVIEWS

- China's Belt and Road Gamble: Can it Deliver? SAIS Review of International Affairs. January 9th 2018.
<http://www.saisreview.org/2018/01/09/chinas-belt-and-road-gamble-can-it-deliver/>
- A Growth Strategy for Africa: Industrialize Agriculture. Policy Brief, Growth Dialogue. May 2018.
<http://growthdialogue.org/growth-strategy-africa-industrialize-agriculture/>
- Playing to Strength: Growth Strategy for Small Agrarian Economies in Africa. Co-authored with Praveen Kumar. World Bank Policy Research Working Paper WPS. 8543. 2018.
<http://documents.worldbank.org/curated/en/198021533665590055/Playing-to-strength-growth-strategy-for-small-agrarian-economies-in-Africa>
- Is China's Silk Road Belt a Path to Prosperity? Policy Brief. Growth Dialogue. July 2018.
<http://growthdialogue.org/chinas-silk-road-belt-path-prosperity/>
- Middle-income countries: trapped or merely slowing? Asia Pacific Economic Literature. October 2017.
<http://onlinelibrary.wiley.com/doi/10.1111/apel.12190/abstract>
- Can the New World of Work be Rendered Inclusive. Brookings Institution. September. 2017.
<https://www.brookings.edu/wp-content/uploads/2017/11/new-world-of-work-brief.pdf>
- Automation, AI and the Emerging Economies. Center for Global Development. September 2017.
<https://www.cgdev.org/publication/automation-ai-and-emerging-economies>
- Accelerating Innovation in China's Wind, Solar and Energy Storage Sectors. Co-authored with Smita Kuriakose et al. World Bank. 2017. <https://openknowledge.worldbank.org/handle/10986/28573>
- Developing a Common Narrative on Urban Accessibility: A Fiscal/Finance Perspective (2016) Brookings Institution. Washington DC.
- A Smart 21st Century Development Model in the Making: Korea Leads the Way. (November 2015) World Bank. Washington DC.
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- The Brave New World of Services Led Growth (2015), *Eurasian Geography and Economics*. Vol 56 (6); 602-617. <https://www.tandfonline.com/doi/abs/10.1080/15387216.2016.1158120>
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- Middle East Transitions: A Long Hard Road. (2015). IMF Working Papers WP/14/135.
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- "Intermediating Knowledge Exchange Between Universities and Businesses." *Research Policy* 37(8): 1167-

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"Introduction to special section on university-industry linkages: the significant of tacit knowledge and the role of intermediaries" with Fumio Kodama and Kaoru Nabeshima. *Research Policy* 37(6): 1165-1166. 2008.

"Can Clusters Be Made to Order?," in Yusuf, Shahid, Kaoru Nabeshima, and Shoichi Yamashita (eds.), *Growing Industrial Clusters in Asia: Serendipity and Science*. Washington, DC: World Bank. 2008.

"About Urban Mega regions: Knowns and Unknowns", *Singapore Business Roundtable*, 2008.

"Optimizing Urban Development," in Yusuf, Shahid and Tony Saich (eds.), *China Urbanizes: Consequences, Strategies, and Policies*. Washington D.C.: World Bank. 2008.

"Strengthening China's Technological Capability", with Kaoru Nabeshima in Jiwei Lou and Shulin Wang (eds.). *Public Finance in China: Reform and Growth for a Harmonious Society*, World Bank. 2008.

"Two Decades of Reform: The Changing Organization Dynamics of Chinese Industrial Firms" with Kaoru Nabeshima in John R. Logan (ed.). *Urban China in Transition*. Blackwell, 2008.

"Promise and Peril: Regional Development in China's Pearl River Delta and the Northeast" in Allen J. Scott and Gioacchino Garofoli (eds.), *Development on the Ground: Clusters, Networks and Regions in Emerging Economies*, Routledge, 2007.

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"From Creativity to Innovation". Policy Research Working Paper, #4262, World Bank, 2007.

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"Income and Health in Cities: The Messages from Stylized Facts", with Kaoru Nabeshima and Wei Ha. *Journal of Urban Health* 84(S1):35-41, 2007.

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- “Globalisation and the Challenge for Developing Countries”. *Journal of African Economies*, 12 (Supplement) 2003.
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- “Development Issues: Settled and Open”, with Joseph E. Stiglitz, in Gerald M. Meier and J.E. Stiglitz (eds.), *Frontiers of Development Economics*, Washington, D.C. World Bank, 2001.
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- “The Changing Development Landscape”, *Finance & Development* 36 (4), 1999.
- “Financing Cities: The View from the WDR 2000”, with W. Dillinger, *World Urban Economic Development*, World Competitive Cities Congress 19-21 May 1999.
- “The Non-Farm Road to Higher Growth: Comparative Experience and Bangladesh’s Prospects”, *The Bangladesh Development Studies*, Vol. XXIV, Nos. 3 & 4, Sept.-Dec. 1996.
- “Developing the Non-Farm Sector in Bangladesh”, with P. Kumar, World Bank *Discussion Paper* No. 340, 1996.
- “Red Capitalism: Growth and Inflation in China”, with E. Cardoso, *Challenge*, May-June 1994.
- “Budget Policy in China”, with Bert Hofman, in *Reforming China’s Public Finances*, E. Ahmad et. al (eds.), IMF, 1995.
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- “China’s Collective and Private Enterprises: Growth and its Financing”, in G. Caprio et. al. (eds.), *Building Sound Finance in Emerging Market Economies*, IMF, 1994.
- “The Sectoral Foundations of China’s Development”, with S.J. Burki, World Bank *Discussion Paper* No. 148, 1992.
- “The Rise of China’s Non-State Sector”, World Bank mimeo, 1993.
- “China: The Achievement and challenge of Price Reform”, World Bank mimeo, 1993.
- “Developing Mongolia”, World Bank *Discussion Paper* No. 145, 1992, with S.J. Burki.
- “The Many Faces of Redistribution: A Selective Review of International Experience”, in Lee Kiang Hock and Shyamala Nagaraj (eds.), *The Malaysian Economy Beyond 1990*, P.E.M., 1991.
- “Western Samoa: The Experience of Slow Growth and Resource Imbalance”, with R. Kyle Peters, World Bank *Staff Working Paper* No. 754, 1985.
- “Savings Behavior and its Implications for Domestic Resource Mobilization: The Case of the Republic of

Korea”, with R. Kyle Peters, World Bank *Staff Working Paper* No. 628, 1984.

“Capital Accumulation and Economic Growth: The Korean Paradigm”, with R. Kyle Peters, World Bank *Staff Working Paper* No. 712, 1985.

“Institutional Change and Agricultural Development”, in S.J. Burki and R. Laporte (eds.), *Pakistan’s Development Priorities*, Oxford University Press, 1984.

“A Strategy for Agricultural Development”, *Asian Survey*, December 1974.

“Technical Indivisibilities and the Distribution of Income. A Mixed Integer Programming Model of Punjab Agriculture”, *Stanford Food Research Institute Studies*, No. 1, 1975, with Carl Gotsch.

WORLD BANK REPORTS

China’s Growth through Technological Convergence and Innovation. In *China 2030*, World Bank 2012.

East Asian Experience with Industrial Policy and its Implications for South Africa: Towards an Urban-Industrial Growth Policy. World Bank 2011.

Industrial Change in the Bangkok Region. World Bank 2010

China: Growth through Innovation: An Industrial Strategy for Shanghai, World Bank, 2009

Malaysia: Knowledge Deepening and Industrial Change in Malaysia, World Bank, 2008

Thailand: Towards a Knowledge Economy in Thailand, World Bank, 2006

China: Policies for the 11th Plan, World Bank, 2005

Brazil: Rio de Janeiro: A City Study, World Bank, 1999.

Tanzania: Peri-Urban Development in the African Mirror, World Bank, 1999

Tanzania: Country Assistance Strategy, World Bank, 1997

Tanzania: Structural Adjustment Credit, World Bank, 1997

China: The Achievement and Challenge of Price Reform, World Bank, 1993

China: Industrial Restructuring. A Tale of Three Cities, World Bank, 1993

China: Between Plan and Market, World Bank, 1990

China: Macroeconomic Stability and Industrial Growth Under Decentralized Socialism, World Bank, 1990

Malaysia: Industrializing a Primary Producer, World Bank, 1986

Fiji: A Transition to Manufacturing, World Bank, 1987

Malaysia: Development Strategies and their Financing, World Bank, 1985

Korea: Development in a Global Context, World Bank, 1984

The Labor Market and Korea's Industrial Development, World Bank, 1983

Indexation: A Policy Paper, World Bank, 1976

RECENT BACK GROUND PAPERS FOR WORLD BANK REPORTS

The Case for Renewable Energy Innovation in China. February 2017. Prepared for the T&C Global Practice

China: On the Road to becoming an Innovative Nation. March 2017. Prepared for T&C Global Practice

Growth Policies for Malawi, Rwanda and Uganda. December 2016. Prepared for East Africa Region

Growth and the Old Normal. August 2016. Prepared for the T&C global Practice.

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Karachi Matters. September 2015. Prepared for South Asia Region.

Panama: Small Country, Bright Future. May 2014. Prepared for LAC Region.

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POLICY NOTES: THE GROWTH DIALOGUE

Policy Brief No. 3- The Changing Geography of Innovation, the Current Crisis, and Implications for Economic Growth. January 2012

Policy Brief No. 5- China's 12th Plan: Big Challenges, Vast Opportunities. January 2012

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Korea Megatrends Study: Notes on US-China trade; US-Korea Trade; Korea-China Trade; and Impact of Uncertainty on Korea/China/US relations. December 2016-April 2017.

OTHER ACTIVITIES

Lead facilitator and contributor to World Bank/edX, Massively Online Open Course on Policy Lessons from South Korea's Development, 2016-2017.

Member of International Advisory Committee for Journal of Southeast Asian Economies 2014-

Co-Editor, World Bank Research Observer, 1992 - 2004

Member, World Bank Editorial Sub-Committee, 1993 – 1998, 2000-2009

Member, World Bank Research Committee, 1992 – 1998 and 2001-2008

Reviewer for various journals including Research Policy, Developing Economies, Asia-Pacific Economic

Review, etc.

Frequent presenter at seminars and conferences on growth, workforce development, urbanization and STI issues.