

Curriculum Vitae

VU MINH KHUONG

Associate Professor

Lee Kuan Yew School of Public Policy, National University of Singapore

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	Research Interests: Strategy and policy for promoting economic growth and competitiveness; impacts of ICT and the fourth industrial revolution on development; Asia and ASEAN economic integration and structural change.	
	Special appointment: Member of the Vietnamese Prime Minister's Economic Advisory Team.	

Professor Vu's research articles have appeared in prestigious international journals, including *Information Economics and Policy*, *Telecommunications Policy*, *Journal of Policy Analysis and Management (JPAM)*, *Scandinavian Journal of Economics*, and *China Economic Review*. Professor Vu's 2014 book "The Dynamics of Economic Growth: Policy Insights from Comparative Analyses in Asia" (Edward Elgar) explores the history of Asia's economic transition and how this transition defied conventional economic wisdom. He is currently working on a book entitled "ASEAN Economic Integration, Structural Change, and Productivity Performance". Dr. Vu also frequently writes press articles for newspapers and other media, focusing on development policy issues.

Professor Vu (together with co-author Boyd Fuller) won the 2011 Best Article Award from the Public and Non-Profit Division of the Academy of Management (USA). He has also won the highest awards for research and teaching at the Lee Kuan Yew School: the LKY School Research Excellence Award (in 2012) and the LKY School Annual Teaching Excellence Award (in 2009 and 2011).

Professor Vu has provided extensive consulting and advisory services to international organizations and government agencies, including UNIDO, UNDP, IMF, World Bank, IFC, ILO, APO, USAID, KPMG, Monetary Authority of Singapore (MAS), Infocomm Development Authority of Singapore (IDA), Media Development Authority of Singapore (MDA), the Financial and Budgetary Committee of Vietnam's National Assembly, and the Ministry of Planning and Investment of Vietnam. Before transitioning into academia, Professor Vu had held various government positions in Vietnam, including Deputy Chief of the Haiphong City Government Office, Vice-Chairman of Dinh Vu Economic Zone, and Research Associate at the Prime Minister's Advisory Commission.

Elected CEO of the Song Cam Chemical Company by workers and staff in 1988, Professor Vu presided over a major turnaround of the company. He was subsequently awarded a Fulbright Scholarship to pursue an MBA at Harvard Business School in 1993.

Education

Ph.D in Public Policy **Harvard University, 2005**

- Thesis: *Information and Communication Technology and Global Economic Growth: Contributions, Impacts, and Policy Implications*
- Thesis Committee: Dale W. Jorgenson (Primary Adviser), Dwight Perkins, Robert Jensen

M.B.A. **Harvard Business School, 1995**

B.A. (Highest Honours), Mathematics **Hanoi National University, 1980**

Employment Experience

Assistant and Associate Professor **Singapore**
Lee Kuan Yew School of Public Policy, 2006 – Present
National University of Singapore

Guest Associate Professor **Tokyo, Japan**
Faculty of Business and Commerce, Keio University May 2006 – June 2006

Visiting Assistant Professor **Boston, USA**
Sawyer Business School, Suffolk University 2005 – 2006

Research Associate **Cambridge, MA, USA**
Program on Technology and Economic Policy, 2004 – 2006
Harvard Kennedy School of Government

Research Associate **Hanoi, Vietnam**
Prime Minister's Research Commission 1998 – 1999

Chief Economic Adviser **Haiphong City, Vietnam**
City Mayor's Office 1996 – 1998

Vice-Chairman **Haiphong City, Vietnam**
Dinh Vu Economic Zone 1996 – 1999

Senior Consultant **Washington D.C., USA**
Barents Group of KPMG Consulting 1995 – 1996

Chief Executive Officer
Song Cam Chemical Company

Haiphong City, Vietnam
1988 – 1992

Chief Financial Officer
Song Cam Chemical Company

Haiphong City, Vietnam
1986 – 1988

Computer Programming Analyst
Computing Center, Vietnam National Power Company No. 2

Ho Chi Minh City
1983 – 1986

Army Officer
Corp. 318

Vung Tau, Vietnam
1981 – 1983

Awards and Scholarships

- Research Excellence Award, Lee Kuan Yew School of Public Policy, 2012.
- Best Journal Article Award from the Academy of Management (Public and Non-profit Division), 2011.
- Annual Teaching Excellence Award, Lee Kuan Yew School of Public Policy, 2011.
- Annual Teaching Excellence Award, Lee Kuan Yew School of Public Policy, 2009.
- Dean's Award for Excellence in Student Teaching, Harvard Kennedy School of Government, Harvard University, 2003.
- Fulbright Scholarship, 1993-1995.
- Ministry of Education Award for the Most Distinguished University Graduates, 1980.

Academic Service

- **Editorial Board Memberships:** *Journal of Telecommunications Policy* (since 2013); *Journal of Asian Policy* (since 2009).
- **Managing Guest Editor:** *Journal of Telecommunications Policy*, Special Issue on Effects of ICT on Economic Growth and Structural Change (2014-15).
- **Reviewer:** *Economica*, *Journal of Development Economics*, *World Development*, *Journal of Economic Geography*, *Telecommunications Policy*, *Oxford Development Studies*, *Empirical Economics*, *Journal of International Development*, *International Journal of Public Administration*, *Technological Forecasting & Social Change*, *Technology in Society*, and *Journal of Southeast Asian Economies*.

Selected Recent Conference/Seminar Activities (since 2015)

2017

1. Lead lecturer; Workshop: “Productivity measurement and analysis”; Asian Productivity Organization and Bangladesh’s National Productivity; Dhaka, Bangladesh, November 26-December 1, 2017.
2. Guest panelist; “Emerging Economies and Their Role in a Changing World Order”: A Policy Forum; Yale-NUS College; Singapore; 8 November 2017.
3. Invited presenter, Conference: “4IR: 4ASEAN and 4theFuture”; LKYSPP, NUS in collaboration with Microsoft; Manila, Philippines; 6 October 2017.
4. Invited presenter; Conference: “A new Paradigm in Trade Governance to Increase Domestic Efficiency and to Strengthen Global Competitiveness”; Ministry of Trade and Industry and Australian Indonesia Partnership for Economic Governance (AIPEG); Jakarta, Indonesia; 5-6 September 2017.
5. Keynote speaker; Presentation: “The New Economy: Digital Transformation, Growth Effects, and Policy Challenges”; The Vietnam Economist Annual Meeting (VEAM); Ho Chi Minh City, Vietnam; 1-2 August 2017.
6. Co-chair; Panel: “T08P11 - Towards Digital Policy Research: Retrospective and Prospective Research Agendas”; The 3rd Conference on Public Policy (ICPP3); Singapore; 28-30 June 22 2017.
7. Keynote speaker; Conference: “Vietnam and the Fourth Industrial Revolution: Fostering Digital Transformation with Cloud Computing”; Vietnam Software and IT Services Association (VINASA) in collaboration with LKYSPP, NUS; Hanoi, Vietnam; 22 June 2017.
8. Keynote speaker, National Conference: “The Economic Landscape 2017”; Vietnam National University in Ho Chi Minh City in collaboration with Paris Graduate School of Management; Ho Chi Minh City, Vietnam; 15 April 2017.
9. Invited presenter; Conference: “Trade, Industrialization and Structural Reforms in ASEAN”; The Centre on Asia and Globalization (CAG), LKYSPP; Ho Chi Minh City, Vietnam; 9-10 January 2017.

2016

1. Invited presenter; The 5th International Conference on Vietnam Studies: “Economy and Livelihood”; Vietnam National University, Hanoi, Vietnam; 15 December 2016.
2. Invited discussant; Symposium on APEC 2017 Priorities; APEC Secretariat; Hanoi, Vietnam; 8 December 2016.
3. Keynote speaker; The 2016 Japanese Economic Policy Association (JEPA) Conference: “The Global and Regional Effects of New Communication Systems”; Hakodate-Onuma, Japan; 28-29 October 2016.
4. Invited discussant; Seminar: “Leadership for Regional Cooperation in Asia for the 21st Century”; Salzburg Global Seminar; Schloss Leopoldskron, Austria; 5-8 October 2016.
5. Invited presenter; Conference: “2nd Malaysia Productivity-Linked Wage;” Department of Industrial Relations in collaboration with Malaysia Productivity Corporation (MPC) and Asian Productivity Organization (APO); Kuala Lumpur, Malaysia; 10 August 2016.

2015

1. Invited presenter, International Conference on New Structural Economics (ICNSE); Peking University; Beijing, China; 14-15 December 2015.
2. Invited presenter, Forum: Technological Development and Innovation in Vietnam; Ministry of Science and Technology; Hanoi, Vietnam; 4 December 2015.
3. Keynote speaker; Conference: “Exploiting ICT Potentials to Boost Vietnam’s Economic Growth and Development”; Vietnam Association for Information Processing (VAIP) in collaboration with Vietnam Ministry of Information and Communication; Hanoi, Vietnam; 3 December 2015.
4. Invited presenter, Conference: “Vietnam’s National Productivity Program-2006-2015”; Ministry of Science and Technology; Hanoi, Vietnam; 15 September 2015.
5. Invited presenter; The Third Asia KLEMS Conference; Chung-Hua Institution for Economic Research (CIER); Taipei, Taiwan; 12-13 August 2015.
6. Invited presenter; Workshop: “Developmental States Beyond East Asia”; Newcastle University; Newcastle, United Kingdom; 5 June 2015.

Publications (2011)

Books

The Dynamics of Economic Growth: Policy Insights from Comparative Analyses in Asia, Edward Elgar, January 2014.

Việt Nam hành trình đi đến phồn vinh (Vietnam: The Voyage to Prosperity), second edition, Knowledge Publishing House, August 2013 (first edition: 2011).

Refereed Articles

2017

“Promoting Smart Cities in Developing Countries: Policy Insights from Vietnam” (with Kris Hartley), *Telecommunications Policy*, 2017 (forthcoming).

<https://doi.org/10.1016/j.telpol.2017.10.005>

“Structural Change and Economic Growth: Empirical Evidence and Policy Insights from Asian Economies,” *Structural Change and Economic Dynamics*, 2017, 41 (April-June): 64–77.

<https://doi.org/10.1016/j.strueco.2017.04.002>

“The Outlook for Advanced Economies” (with Dale Jorgenson), *Journal of Policy Modeling*, 39 (4), 2017: Pages 670-682.

<https://doi.org/10.1016/j.jpolmod.2016.05.010>

“ICT Diffusion and Production in ASEAN Countries: Patterns, Performance, and Policy Directions,” *Telecommunications Policy*, 41(10), 2017: 964-980

<https://doi.org/10.1016/j.telpol.2017.04.005>

“Embracing globalization to promote industrialization: Insights from the development of Singapore's petrochemicals industry,” *China Economic Review*, 2017 (forthcoming).

<https://doi.org/10.1016/j.chieco.2017.01.003>

2016

“The Outlook for Emerging Economies” (with Dale Jorgenson), *Journal of Policy Modeling* 38 (4): 670–682, 2016.

“The Impact of ICT Investment on Economic Growth: A Global View” (with Dale Jorgenson), *Telecommunications Policy*, 40 (5): 381-382, 2016.

“The ICT revolution, world economic growth, and policy issues” (with Dale Jorgenson), *Telecommunications Policy*, 40 (5): 383-397, 2016.

2015

“Can Vietnam Achieve More Robust Economic Growth? Insights from a Comparative Analysis of Economic Reforms in Vietnam and China,” *Journal of Southeast Asian Economies*, 31(1) April, 2015.

“Effects of China and India on manufactured exports of the G7 economies,” *Contemporary Economic Policy*, 33 (2): 265–278, April 2015.

2014

“Utility sector performance post reforms: investigating the South Asian economies” (with Anjula Gurtoo), *Poverty and Public Policy*, 6(2): 157–175, 2014.

“The Institutional Root Causes of the Challenges to Vietnam’s Long-Term Economic Growth,” *Asian Economics Papers*, MIT Press, 15.1 (2014).

2013

“Information and Communication Technology (ICT) and Singapore’s Economic Growth,” *Journal of Information Economics and Policy*, 25.4 (2013): 284–300.

“The Emergence of the new economic order: Growth in the G7 and the G20” (with Dale W. Jorgenson), *Journal of Policy Modelling*, 35.3 (2013).

“A Note on Interpreting the Beta Convergence Effect,” *Economics Letters*, 118.1 (2013): 46–49.

2011

“Sources of Singapore’s Economic Growth, 1965–2008: Trends, Patterns and Policy Implications,” *Journal of Southeast Asian Economies*, 28.3 (2011): 315-336.

“The Rise of Developing Asia and the New Economic Order” (with Dale W. Jorgenson), *Journal of Policy Modelling*, 33.5 (2011): 698–716.

“ICT as a Source of Economic Growth in the Information Age: Empirical Evidence from the 1996-2005 Period,” *Telecommunications Policy*, 35.4 (2011): 357-372.

“Exploring the Dynamics of Policy Interaction: Feedback among and Impacts from Multiple, Concurrently Applied Policy Approaches for Promoting Collaboration” (with Boyd Fuller),

Journal of Policy Analysis and Management, 30.2 (2011): 359-380. (Winner of the 2011 best journal article award from the Public and Non-profit Division of Academy of Management, USA).

2010 and earlier years

“Potential Growth of the World Economy” (with Dale W. Jorgenson), *Journal of Policy Modelling*, 32.5 (2010): 615-631.

“The Use of E-Government to Create Public Value in Developing Countries: Some Conceptual Issues,” *The 6th International Conference on e-Government Proceedings*, 30th September and 1st October 2010 (listed in the Thomson Reuters ISI Index); published by Academic Publishing Limited, Reading, UK, September 2010; ISBN: 978-1-906638-76-4.

“Developing Asia: A Comparative View of Energy Issues and Policy Implications” (with Benjamin Sovacool), *East Asian Policy*, 2.3 (2010).

“Policy Recommendations for Enhancing Vietnam’s Economic Competitiveness and Development,” *Vietnam Economic Management Review*, CIEM, Ministry of Planning and Investment, No. 33, July-August 2010.

“Sources of Singapore’s Economic Growth 1990-2009” (in collaboration with the Monetary Authority of Singapore), *Macroeconomic Review*, Volume IX, Issue 1, April 2010.

“The Barriers to Energy Efficiency in China: Assessing Household Electricity Savings and Consumer Behavior in Liaoning Province” (with Feng Dianshu and Benjamin Sovacool), *Energy Policy*, 38.2 (2010): 1202-1209.

“Projecting World Economic Growth: The Contribution of Information Technology” (with Dale W. Jorgenson), *The Review of Socionetwork Strategies*, 3.2 (2009): 35-49.

“Economic Reform and Performance: A Comparative Study of China and Vietnam,” *China: An International Journal*, 7.2 (2009): 217-253.

“India-Vietnam: A Comparative Analysis of Economic Performance” (with Mukul Asher), *International Journal of Business Insights*, 2.1 (2009): 4-16.

“Growth Accounting within the International Comparison Program” (with Dale W. Jorgenson), *World Bank ICP Bulletin*, 6.1 (2009): 3-13.

“Information Technology and the World Growth Resurgence” (with Dale W. Jorgenson), *German Economic Review*, 8.2 (2007): 125-145.

“Information Technology and the World Economy” (with Dale W. Jorgenson), *Scandinavian Journal of Economics*, 107.4 (2005): 631-650.

Book chapters/Published conference papers/Published reports

“Co-ordination through an Asian Lens”, (with Justin Lin) in John Page and Finn Tarp (eds.), *The Practice of Industrial Policy*, Oxford University Press, April, 2017.

“Vietnam’s Embrace of ICT for Economic Development: Success and Future Challenges” (with Robert Austin), Case Study, *Ivey Publishing*, 2015.

“Improving Efficiency and Effectiveness of Public Administration, Management, and Governance: What Can Vietnam Learn from International Experience?” (with Eduardo Araral and Nguyen Ngoc Anh), published by United Nations Development Program (UNDP), October 2011.

“Использование революции ИКТ в направлении экономического роста развивающихся стран: политика изменений” (Embracing the ICT revolution to promote economic growth in developing countries: policy challenges) in Leonid Melnyk and M. V. Bryukhanov (eds.), *Социально-экономические проблемы информационного общества*, University Book, University of Sumy, Ukraine, September 2010; ISBN: 978-966-680-499-3.

“The Irish Catch-up Success and Reflections on Vietnam’s Economic Reforms,” in M. O’Sullivan and R. Miller (eds.), *What Did We Do Right? Global Perspectives on Ireland's Miracle*, Blackhall Publishing, January 2010; ISBN: 1842181920.

“Latin America and the World Economy” (with Dale W. Jorgenson), in Mario Cimoli, André A. Hofman, and Nanno Mulder (eds.), *Innovation and Economic Development: The Impact of Information and Communications Technologies in Latin America*, Edward Elgar, 2010. ISBN 9781849802413. The Spanish version: “América Latina y la economía mundial,” in Ariel A. Coremberg and Francisco Pérez García (eds.), *Fuentes del crecimiento y productividad en europa y américa latina*, Foudation BBVA, Madrid, 2010.

“Information Technology and the World Economy” (with Dale W. Jorgenson), in Steven N. Durlauf and Lawrence E. Blume (eds.), *The New Palgrave Dictionary of Economics*, Palgrave Macmillan, May 2008.

“E-Government and Business Competitiveness: A Policy Review” (with Richard Jones and Darrell West), USAID/VNCI Policy Paper #7, May 2006; available at http://www.vnci.org/sites/default/files/VNCI_No7_E-Government_Finalreport.pdf.

“Asia Rising: Patterns of Economic Development and Growth,” (with Florence Jaumotte, Helene Poirson, and Nicola Spatafora), Chapter 3 in *World Economic Outlook: Financial Systems and Economic Cycles*, IMF, Washington DC, September 2006; available at <http://www.imf.org/external/pubs/ft/weo/2006/02/pdf/c3.pdf>.

“A Global Perspective on the ICT Penetration and Economic Growth in Asia: Issues and Policy Implications,” in *Challenges of Economic Policy Reform in Asia*, Center for International

Development, Stanford University, 2006; available at <http://scid.stanford.edu/events/PanAsia/Papers/papersonly.html>.

“The Competitiveness of Vietnam’s Three Largest Cities,” (with Jonathan Haughton), IFC/MPDF, Private Sector Development Discussion Series, 2004; available at [http://www.ifc.org/ifcext/mekongpsdf.nsf/AttachmentsByTitle/PSDP+17/\\$FILE/PSDP-No-17-+EN.pdf](http://www.ifc.org/ifcext/mekongpsdf.nsf/AttachmentsByTitle/PSDP+17/$FILE/PSDP-No-17-+EN.pdf)

Short Articles

The Formation of the ASEAN Economic Community (AEC) & Policy Issues for Japan's Globalization Strategy, *Japan SPOTLIGHT*, Japan Economic Foundation, March 2016.

“Vietnam needs to focus on productivity in its next wave of reforms,” *The East Asia Forum*, Australian National University, February 13, 2015.

“Vietnam plays catch-up with China’s successful reforms,” *The East Asia Forum*, Australian National University, December 13, 2013.

“Building ASEAN as a Learning Community” (with Kris Hartley), *The East Asia Forum*, Australian National University, November 29, 2013.

“Information Technologies and the Rise of Asia” (with Dale W. Jorgenson), *Global-is-Asian*, Issue 10, June, 2011.

Vietnam Outlook, in *Regional Outlook*, 2011-2012, Institute of Southeast Asian Studies, 2011, ISSN: 0218-3056; ISBN: 978-981-4311-00-7.

“Vietnam: Macroeconomic Challenges and the Road to Prosperity,” *The East Asia Forum*, Australian National University, November 17, 2010.

“Vietnam: Today Determines Tomorrow,” *The East Asia Forum Quarterly*, Australian National University, Volume 2, Issue 2, April-June 2010.

Selected recent articles in Vietnamese Newspapers

“Khát vọng lớn - nền móng yếu - khó đi xa,” *Tuoi Tre*, 08/02/2017; available at <http://tuoitre.vn/tin/chinh-tri-xa-hoi/20170208/khat-vong-lon-nen-mong-yeu-kho-di-xa/1261420.html>

“Hãy trỗi dậy, Việt Nam!” *Tuoi Tre*, 31/12/2016; available at <http://tuoitre.vn/tin/chinh-tri-xa-hoi/thoi-su-suy-nghi/20161231/hay-troi-day-viet-nam/1244935.html>; and <https://www.youtube.com/watch?v=DMAyRjirWRg>

“Việt Nam sẽ mạnh hơn ngàn lần nếu tiết trừ nạn chạy chọt, gian dối,” *Voice of Vietnam*, 04/08/2016; available at

<http://vov.vn/chinh-tri/viet-nam-se-manh-hon-ngan-lan-neu-tiet-tru-nan-chay-chot-gian-doi-536673.vov>

“Việt Nam nên sớm thực hiện kiểm toán chiến lược,” *Vietnam Economics Times*, 05/05/2016; available at

<http://vneconomy.vn/thoi-su/viet-nam-nen-som-thuc-hien-kiem-toan-chien-luoc-2016050406191401.htm>

“To improve Ho Chi Minh City: Aspirations for advancement,” TUOI TRE NEWS, 12/17/2015; available at

<http://tuoitrenews.vn/city-diary/32276/to-improve-ho-chi-minh-city-aspirations-for-advancement>

“Nâng tầm chiến lược,” Saigon Times, 09/07/2015; available at

<http://www.thesaigontimes.vn/132762/Nang-tam-chien-luoc---doi-hoi-cua-dat-nuoc.html>