

GUY C.K. LEUNG

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1. Short Bio

Dr Guy C.K. Leung is a post-doctoral fellow with the Geopolitics of Energy Project at Harvard Kennedy School's Belfer Center for Science and International Affairs. He is also a visiting fellow at Oxford University's China Center between April 2014 and April 2015. He obtained his PhD in human geography at Durham University, and his research interests focus on the geopolitical economy of natural gas industry in China, and China's energy security. His research at Harvard seeks to understand how the state and firm actors are connected functionally, organizationally, institutionally and politically to realize the natural gas transition in China. His articles have appeared in a range of journals, including *Applied Energy*, *Energy Policy*, *Eurasian Geography and Economics*, and *OPEC Energy Review*. His paper "China's energy security: perception and reality" was recognized by ScienceDirect to be one of the 25 most downloaded articles (out of 8542) in *Energy Policy* in 2012. He now serves as an energy consultant to a research center for the State Council of China, and to a Hong Kong-listed natural gas company. He also used to work for Chinese University of Hong Kong, King's College London, University of Manchester, Hong Kong Baptist University and Consulate-General of Kazakhstan to Hong Kong and Macau.

2. Education

Year	Programme and Institution	Supervisor(s)
2014-2015	Post-doctoral Fellow in Geopolitics of Energy Belfer Center for Science and International Affairs John F. Kennedy School of Government Harvard University Massachusetts, US	Prof Meghan O'Sullivan
2013-2014	PhD in Human Geography Durham University Durham, UK Dissertation: "Fuelling the Dragon: A Geopolitical Economy of Natural Gas Transition in China" Examiners: <ul style="list-style-type: none">○ Prof Simon Marvin, Durham University○ Prof Michael Bradshaw, Warwick Business School	Prof Gavin Bridge Prof Marcus Power

2011-2013	PhD Candidate in Human Geography University of Manchester Manchester, UK	Prof Gavin Bridge Prof Neil Coe Dr Martin Hess
2006-2009	MPhil in Geography Hong Kong Baptist University Hong Kong	Prof Larry Chow Dr Xiaojiang Yu
2003-2006	BSSc in Geography (First-class; Highest GPA Award), Hong Kong Baptist University Hong Kong	

3. Research Positions

Year	Position and Institution	Duties
2014-	External Consultant Ningbo City Affiliate Development Research Centre of the State Council Government of the People's Republic of China (June 2014-)	✓ Prepare internal (unpublished) analytical reports on China's economic development, international relations and energy strategy for the State Council
2014-2015	Visiting Research Fellow China Centre School of Interdisciplinary Area Studies University of Oxford (Appointed by Prof Rana Mitter, April 2014-April 2015)	<ul style="list-style-type: none"> ✓ Participate in the Centre's research on China's environment ✓ Present my work to the Oxford community ✓ Contribute a working paper ✓ Serve as the leading editor of a non-academic monograph on "Chinese at Oxford"
2013-2014	External Research Associate Department of War Studies King's College London (Appointed by Prof Friedbert Pfueger, Jan 2013-Jan 2014)	<ul style="list-style-type: none"> ✓ Contribute to their Newsletter ✓ Serve as the department's liaison with universities in Beijing ✓ Publish a journal paper in their capacity
2013	Visiting Scholar David C. Lam Institute for East-West Studies Hong Kong Baptist University (Appointed by Prof Si-ming Li, June-Aug 2013)	<ul style="list-style-type: none"> ✓ Carry out interviews for my own doctoral research ✓ Networking

2013	Visiting Scholar Center for Energy and Environmental Policy Research Beijing Institute of Technology (Appointed by Prof Yi-Ming Wei, Mar-June 2013)	<ul style="list-style-type: none"> ✓ Carry out interviews for my own doctoral research ✓ Networking ✓ Publish a journal paper in its capacity
2010-2011	Research Fellow Hong Kong Energy Studies Centre Hong Kong Baptist University (Appointed by Prof Larry Chow, Jan 2010-Jan 2011)	<ul style="list-style-type: none"> ✓ Organise seminars and conferences ✓ Write op-ed for local newspapers ✓ Publish a journal paper in its capacity
2008-2009	Analyst Consulate General of Kazakhstan to Hong Kong (Appointed by Consul-General Usen Sulciman, Sep 2008-Sept 2009)	<ul style="list-style-type: none"> ✓ Serve as a research assistant ✓ Prepare policy memos for the Consul-General ✓ Help arrange logistics for the Consul-General

4. Teaching Positions

Year	Position	Duties
2012-2013	Part-time Lecturer MSc in Global Political Economy Chinese University of Hong Kong <i>Students' satisfaction level for the class was 5.61/6.00 and that for the teacher's performance was 5.59/6.00; official student evaluation report is available on request</i>	<ul style="list-style-type: none"> ✓ Establish and teach GPEC5301 Natural Resources and the Global Political Economic System
2011-2012	Graduate Teaching Assistant MSc in Environmental Governance School of Environment and Development University of Manchester	<ul style="list-style-type: none"> ✓ Provide assistance to the course GEOG30291 Critical Perspectives on Development ✓ Lead tutorial classes on academic writing and career development for undergraduate geography students at University of Manchester ✓ Provide academic and IT support to the programme director of MSc in Environmental Governance

2009-2011	Secondary School Teacher Beacon College	✓ Teach HKCEE English, HKCEE Geography, HKDSE Geography and HKDSE Liberal Studies
2006-2008	Graduate Teaching Assistant Geography Department Hong Kong Baptist University	✓ Lead tutorial groups and organize field-trips for courses including: <ul style="list-style-type: none"> ○ GEOG 1210 Globalization of Economic Activities ○ GEOG 1620 Hong Kong & the Pearl River Delta: A Survey ○ GEOG 2110 Regional Geography of China ○ GEOG 2160 Energy Problems & the Environment ○ GEOG 3660 Political Geography ○ GEOG 3730 Seminar in Energy Problems ○ GEOG 3840 Energy Development in China

5. Editorial Services

2011- Journal Reviewer

■ Applied Economics (2014-), Applied Energy (2013-), Economics Bulletin (2013-), Energy and Power Engineering (2012-), Energy Economics (2014-), Energy Policy (2011-), Energy Research and Social Science (2014), Energy Strategic Reviews (2012-), Economic Modeling (2012-), Global Journal of Business, Management and Accounting (2011-), International Journal of Global Energy Issues (2012-), Issues in Business Management and Economics (2014-), Journal of Cleaner Production (2014-), Journal of Economics and International Finance (2013-), Natural Hazard (2013-), Physica A (2014-), Renewable and Sustainable Energy Reviews (2011-), Sustainability (2014-)

2014- Book Reviewer

■ Wiley (2014-)

6. Publications

Peer-reviewed Journals

Year	Publication	Journals' Ranking and Category (Thomson Reuters)	Listing
Review	Alon, I., A. Cherp, T.J. Simpson & G.C.K. Leung "Outward Foreign Direct Investment by Chinese National Oil Companies" <i>International Journal of Emerging Markets</i>	N/A	SSCI
Accept	Leung, G.C.K. "China's methanol mirage: why methanol cannot help China's energy security and global climate change?" <i>Renewable and Sustainable Energy Reviews</i>	5/81 (Energy & Fuel)	SCI
2014	Leung, G.C.K., A. Cherp, J. Jewell & Y.M. Wei "Securitization of energy supply chains in China," <i>Applied Energy</i> 123: 316-326	6/81 (Energy & Fuel)	SCI
2012	Leung, G.C.K. and S. Shen "Will the Chinese leave some Turkmen gas for Europeans?" <i>OGEJ Journal</i> 10 (5)	N/A	N/A
2012	Li, R. & G.C.K. Leung "Gasoline consumption in China – a dynamic panel data analysis" <i>Economics Bulletin</i> 32(3)	N/A	EBSCO
2012	Leung, G.C.K., R. Li & W.D. Walls "Transitions in the Chinese market for refined petroleum products" <i>OPEC Energy Review</i> 36 (2): 349-372	N/A	EBSCO
2012	Leung, G.C.K. "Book review on China, Oil and Global Politics by Philip Andrews-speed and Roland Dannreuther" <i>TJOGEJ Journal</i> 7 (1): 101-105	N/A	N/A
2011	Leung, G.C.K., R. Li and M. Low "Transitions in China's oil economy, 1990-2010" <i>Eurasian Geography and Economics</i> 52 (4): 483-500	1/65 (Area Studies)	SSCI
2011	Li, R. & G.C.K. Leung "Coal consumption and economic growth in China" <i>Energy Policy</i> 40 (1): 433-438	7/93 (Environmental Studies)	SSCI/SCI
2011	Li, R. & G.C.K. Leung "The integration of China into the world crude oil market since 1998" <i>Energy Policy</i> 39 (9): 5159-5166	7/93 (Environmental Studies)	SSCI/SCI
2011	Leung, G.C.K. "China's energy security: perception and reality" <i>Energy Policy</i> 39 (3): 1330-1337	7/93 (Environmental Studies)	SSCI/SCI
2010	Leung, G.C.K. "China's oil use, 1990-2008" <i>Energy Policy</i> 38 (2): 932-944	7/93 (Environmental Studies)	SSCI/SCI
2009	Leung, G.C.K. "Sectoral consumption of oil in China, 1990-2006" <i>OGEJ Journal</i> 7 (3)	N/A	N/A

Peer-reviewed Book Chapters

Year	Publication
2015	Leung, G.C.K. "Natural gas as a clean fuel", in: Y.M.Wei (eds.) <i>Handbook of Clean Energy Systems</i> , Hoboken, NJ: Wiley.
2013	Leung, G.C.K., "A Socio-economic introduction to Natural Gas Extraction: Actors, Networks and Institutions", in: China Energy Fund Committee (eds.) <i>CEFC China Energy Focus: Natural Gas 2013</i> , pp. 146-158
2013	Leung, G.C.K., R. Li and M. Kuhn "China's new energy security: a swing of the pendulum", in: W. Leal Filho and V. Voudouris (eds.) <i>Global Energy Policy and Security</i> , London: Springer, pp.195-208

Non Peer-reviewed Publications

Year	Publication
In Press	Leung, G.C.K. "China's Stake in Climate Change" Institute of China Policy Blog, University of Nottingham

In Press	Bridge, G., M. Bradshaw M., S. Bouzarovski, J. Dutton & G.C.K. Leung. "Globalising Gas": developing a GPN approach for understanding 6rganizational and geographical integration in the international natural gas industry" <i>Oxford Institute of Energy Studies Working Paper</i> , Oxford University.
2014	Leung, G.C.K. "Energy in China" Royal Geographical Society (with IBG), http://www.rgs.org/OurWork/Schools/Geography+in+the+News/Ask+the+experts/Energy+in+China.htm
2011	Leung, G.C.K. "Asking the wrong question: will China leave Turkmen gas for Europe?" <i>EUCERS Newsletter</i> 9, King's College London.
2011	Leung, G.C.K. "Book review on China's International Petroleum Diplomacy by Kong" Hong Kong <i>International Relations Review</i> 1 (1): 51-52
2009	Leung, G.C.K. "China's energy demand and diplomacy threaten the world?" <i>Lingdaoze</i> [Leaders] 20: 42-45
2007	Leung, G.C.K. "Sectoral consumption of oil in China" <i>1st IAEE Asian Conference Proceeding</i> , Cleveland, Ohio: IAEE

7. Papers Presented

Year	Title	Organiser
2014	"A Geographical Political Economy of Natural Gas Transition in China" China's Health, Environment and Welfare 2014 Conference (30/04/2014)	Oxford University
2014	"A Geographical Political Economy of Natural Gas Transition in China" PGR Conference, Department of Geography (29/04/2014)	Durham University
2013	Invited Discussant for Asia Centre's Energy Roundtables: China Facing The Gas Challenge (17-18/06/2013)	Asia Centre, Paris
2013	"Conceptualizing China's energy security: the past and the future" School of International Studies (22/05/2013)	Peking University
2013	"Redefining China's energy security: a synthetic approach" Department of Energy Economics (15/05/2013)	Renmin University
2013	"Redefining China's energy security: a synthetic approach" Center for Energy and Environmental Policy Research, Beijing Institute of Technology (11/05/2013)	Beijing Institute of Technology
2013	"Economic geography of energy: a regional perspective" Department of Geography (01/03/2013)	Hong Kong Baptist University
2012	"China's new energy security: a swing of the pendulum" Royal Geographical Society (with IBG), at Imperial College London (11/05/2012)	Royal Geographical Society (with IBG)
2011	"Methanol mirage: China's energy security and policy inconsistency", at Imperial College London (20/10/2011)	UK Energy Research Centre
2011	"Nuclear or not? Myths in Hong Kong Anti-nuclear movement"(16/04/2011)	Roundtable Community
2010	"China's energy security: fact and fiction", MGPE Luncheon (17/04/2010)	Chinese University of Hong Kong
2009	"China and Central Asia: energy politics" (27/10/2009)	Global Studies Institute in Hong Kong
2009	"Sino-African relations: oil as a determinant?" Politics and Public Administration Association (27/03/2009)	University of Hong Kong
2008	"Why the world's factory now needs less energy to make money?" Hong Kong Geography Day 2008 (15/11/2008)	University of Hong Kong
2008	"Industrial demand for energy in China: why fluctuate?" the 31 st IAEE International Conference, Istanbul, Turkey (18/06/2008)	International Association for Energy Economics
2007	"Sectoral consumption of oil in China?" the 1 st IAEE Asian Conference, Taipei, Taiwan (05/11/2007)	International Association for Energy Economics

2007	“Sectoral consumption of oil in China.” Department of Geography (15/05/2007)	Hong Kong Baptist University
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8. Funding & Awards

2014-2015	Post-doctoral Fellowship, Harvard Kennedy School
2013-2014	Durham University Scholarship
2013	Elsevier’s 25 Top Articles in <i>Energy Policy</i> 2012
2013	Royal Geographical Society (with IBG) Postgraduate Research Award
2012-2013	University of Manchester Teaching Bursaries
2008	ExxonMobil Scholarship
2007	IAEE Student Scholarship
2007	Hong Kong Electric Co Ltd Scholarship
2006-2008	University Grant Committee Studentship
2006	ExxonMobil Scholarship
2006	Royal Geographical Society (with IBG) Hong Kong Dissertation Scholarship

9. Reference

Ref#1	Prof Gavin Bridge	Durham, UK
	<ul style="list-style-type: none"> ■ Relationship: PhD supervisor ■ Title: Professor of Human Geography, Durham University, UK ■ Contact: g.j.bridge@durham.ac.uk / +44 191 33 43502 ■ Remark: Editor-in-chef of <i>Transactions of the Institute of British Geographers</i> 	
Ref#2	Prof Neil Coe	Singapore
	<ul style="list-style-type: none"> ■ Relationship: PhD supervisor ■ Title: Department Head, Professor of Economic Geography, National University of Singapore, Singapore ■ Contact: geonmc@nus.edu.sg / +65 6516 3851 ■ Remark: Editor-in-chef of <i>Journal of Economic Geography</i> 	
Ref#3	Prof Meghan O'Sullivan	Massachusetts, US
	<ul style="list-style-type: none"> ■ Relationship: Employer ■ Title: Kirkpatrick Professor of the Practice of International Affairs, J.F.K. School of Government, Harvard University ■ Contact: Meghan_OSullivan@hks.harvard.edu / +617 496 4308 	