

Dr. Guy Chun-kai Leung 梁俊佳博士

Associate in Research, Fairbank Center for Chinese Studies, Harvard University, Cambridge, MA.
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Education

- 2011-2014 Ph.D. in Geography, Faculty of Social Sciences & Health, Durham University, UK (Thesis: Fueling the Dragon: A Geopolitical Economy of Natural Gas Transitions in China; Supervisors: Professor Gavin Bridge, Professor Neil Coe, Professor Martin Hess and Professor Marcus Power)
- 2006-2009 M.Phil. in Geography, Faculty of Social Sciences, Hong Kong Baptist University, HK (Thesis: Sectoral Oil Consumption of China; Supervisors: Professor Larry Chow and Dr Xiaojiang Yu)
- 2003-2006 BSc in Geography (First Hons), Faculty of Social Sciences, Hong Kong Baptist University, HK (Thesis: Hong Kong Transport Energy Use and Its Implications; Professor Larry Chow and Professor Carolyn Cartier)

Research Interests

- International relations of fossil fuels and climate change
- Fragmented authoritarianism and China's energy politics
- National oil companies (NOC) and the Belt & Road Initiative (BRI)
- Energy transitions and Covid-19
- Resource wars, democracy and human right
- Smart governance and Global Production Networks (GPN)

Work Experiences & Positions

Associate in Research, Fairbank Center for Chinese Studies, Harvard University

Sep 2015 -

- Appointed by Professor Mark Elliott.
- Help organize a Harvard China Education Symposium.
- Single-author a book chapter on natural gas.
- Co-author a peer-reviewed paper about China's oil companies.
- Single-author a journal article about methanol as transport fuel in China. (accepted with a need of revision)
- Co-author a piece that utilizes panel data methodologies to re-estimate the relationship between renewable energy consumption and economic growth (Submitted)
- Co-author a piece that evaluate the effectiveness of carbon trading in China on carbon emission reduction. (Submitted)
- Co-author a piece that examines the relationship between bureaucratic turnover and corporate donation in China, using the data of 300 Chinese cities during 2001-2016. (Final draft stage)
- Co-author a piece that theorizes the differential impact of political connections and political embeddedness on charitable donations. (Early draft stage)
- Single-author an economic geography paper about China's natural gas supply chains. (Early draft stage)

Director of International Development, BExcellent Group Holdings Ltd (01775.HK)

Sep 2015 - Jun 2021

- Teach an exam prep class of HKDSE Liberal Studies.
- Publish a Harvard Business School case (Case 415-082).
- Explore partnership with the Greater Bay Area stakeholders for an International school project.

Post-doctoral Fellow in Public Policy and Geopolitics of Energy, Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University, US

Sep 2014 - Aug 2015

- Provide research and teaching assistance Professor Meghan O'Sullivan (Director of Geopolitics of Energy Project) and Mr Kevin Rudd (retired Prime Minister of Australia and senior fellow of HKS).
- Lead a research Harvard and MIT team (mainly MPA and MBA students) to work on a global energy economy project.
- Present a paper in the Harvard School Engineering and Applied Sciences
- Guest-lecture a lesson on China's Belt and Road Initiative for Harvard College students.

Gas Industry Consultant, International Standard Resources Holdings Ltd (00091.HK)

Sep 2014 - Dec 2014

- Work with experts of China United Coalbed Methane Corp. (a state-owned company).
- Provide an internal report for potential investors.

Visiting Scholar, China Centre, School of Interdisciplinary Area Studies, Oxford University, UK

Jun 2014 - Aug 2014

- Sponsored by Professor Anna Lora-Wainwright at Oxford University's geography department.
- Help organize a small-scale conference about China's environment
- Present a paper about China's energy policy.

Graduate Teaching Assistant, Geography Department, Durham University, UK

Sep 2013 - Jun 2014

- Serve as an assistant to the Royal Geographical Society's Energy Geographies Research Group.

Research Associate, European Centre for Energy and Resource Security (EUCERS), Department of War Studies, King's College London, UK

Sep 2013 - Aug 2014

- Appointed by Professor Friedbert Pflueger.
- Assist the editorship of EUCERS Strategy Papers.
- Co-author a peer-reviewed book chapter with Maximilian Kuhn (Columbia University and Chatham House) and Raymond Li (University of Canberra).

Intern, Development Research Center of State Council, P.R.China

Jun 2014 - Aug 2014

- Write an internal report about China's energy development for the reference of policy-makers in the State Council.

Visiting Scholar, Center for Energy and Environmental Policy Research, Beijing Institute of Technology (BIT-CEEP)

Mar 2013 - Jun 2013

- Appointed by the Vice President, Professor Yi-ming Wei.
- Carry out 50 interviews in Beijing and informants include senior executives or researchers of the State Council, NDRC, National Energy Administration (NEA), CNPC, Sinochem, CNOOC, Beijing Gas, Kunlun Gas, Australian LNG, Schlumberger, BP China, Petroleum University of China and Beijing Energy Club, etc.
- Co-author a paper with two Nature authors on Applied Energy (IF: 8.848)
- Serve as a discussant for a Energy Summit of Asia Centre (Paris)
- Present a paper at BIT-CEEP
- Present a paper at Renmin University's School of Economics
- Present a paper at Peking University's School of International Studies

Part-time Lecturer, MSSc in Global Political Economy, Faculty of Social Sciences, Chinese University of Hong Kong

Sep 2012 - Mar 2013

- Design and deliver twelve 3-hour lectures about global political economy of energy for 40 MSSc students at CUHK.
- Teaching evaluation score: 5.7/6.0 (2nd highest in the program).

Visiting Scholar, David C. Lam Institute for East-West Studies

Sep 2012 - Mar 2013

- Appointed by Prof Si-Ming Li, Chair Professor of Geography
- Single-author a policy paper about China's natural gas for China Energy Fund Committee (CEFC), a UN-NGO.
- Guest-lecture two lessons about China's economic geography of energy for HKBU geography students (Invited by Professor Yang Chun).

Graduate Teaching Assistant, School of Environment, Education and Development, University of Manchester, UK

Sep 2011 - Jun 2012

- Teach academic writing to a group of 8 geography freshmen on a weekly basis.
- Offer feedback to the weekly blog-based assignments of the MSc Environment Science students.

Honorary Fellow, Hong Kong Energy Studies Centre, Hong Kong Baptist University

Sep 2010 - Aug 2011

- Serve as a columnist for Hong Kong Economic Times (香港經濟日報) about China energy.

- Serve as an ad hoc commentator for Hong Kong Economic Journal (信報) about world oil market.
- Serve as a guest for the RTHK program Talkabout (千禧年代) about the role of nuclear power to Hong Kong people.
- Serve as a guest for the RTHK program Pentaprism (左右紅藍綠) about Fukushima nuclear disaster of 2011.
- Serve as a guest for the RTHK program Headliner (頭條新聞) about the Gulf of Mexico oil spill disaster of 2010.

Secondary School Teacher, Beacon College

Sep 2009 - Jun 2011

- Teach HKCEE English.
- Teach HKDSE Geography.

Personal Assistant to the Conul-General, Consulate General of the Republic of Kazakhstan to Hong Kong and Macao SARs

Sep 2008 - Aug 2009

- Employed by Dr Usen Suleimen, now Ambassador of Kazakhstan to Singapore.

Graduate Teaching Assistant, Geography Department, Hong Kong Baptist University

Sep 2006 - Aug 2008

- Provide teaching supports for six undergraduate courses: 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.
- Arrange 3 field trips for geography students to visit manufacturing and energy infrastructure in the Pearl River Delta.

Skills

- Mapping and spatial analysis: ArcGIS, QGIS.
- Quantitative analysis: SPSS.
- Project management: OmniPlan.
- Visualization: OmniGraffle.
- Online teaching: OBS (Open Broadcaster Software).
- Programming: Python (Beginner-level).
- Video editing: Final Cut Pro.

List of My Co-Authors (2010-2021) for Employers' Reference

- Professor Ilan Alon, Professor of Strategy and International marketing, the University of Agder, Norway. (ilan.alon@uia.no)
- Professor Michael Bradshaw, Professor of Global Energy, Business School, Warwick University, UK. (Michael.Bradshaw@wbs.ac.uk)
- Professor Gavin Bridge, Professor of Geography, Durham University, UK. (g.j.bridge@durham.ac.uk)
- Professor Stefan Bouzarovski, Professor of Geography, University of Manchester, UK. (stefan.bouzarovsk@manchester.ac.uk)
- Professor Aleh Cherpa, Professor of the Environmental Sciences and Policy, Central European University, Hungary. (cherpa@ceu.edu)
- Dr Jessica Jewell, Assistant Professor in Energy Transitions, Department of Space, Earth and Environment, Chalmers University of Technology, Sweden. (jewell@chalmers.se)
- Dr Raymond Li, Assistant Professor of Economics, University of Canberra, Australia. (Raymond.Li@canberra.edu.au)
- Dr Qi Li, Assistant Professor of School of Management and Economics, The Chinese University of Hong Kong (Shenzhen Campus), PRC. (liqi@cuhk.edu.cn)
- Professor Christopher Marquis, Samuel C. Johnson Professor in Sustainable Global Enterprise and Professor of Management, Cornell University, US. (cmarquis@cornell.edu)
- Professor Simon Shen, Associate Director of Master of Global Political Economy (MGPE) program, School of Social Science, Chinese University of Hong Kong, HK. (simonshen@cuhk.edu.hk)
- Professor William D. Walls, Professor of Economics, University of Calgary, Canada. (wdwalls@ucalgary.ca)
- Professor Yi-Ming Wei, Vice President and Dean of School of Management and Economics, Beijing Institute of Technology, PRC. (wei@bit.edu.cn)
- Professor Yue-Jun Zhang, Director of Center for Resources and Environmental Management, Business School, Hunan University, PRC. (zyjmis@126.com)

Other Academic Publications

- 023. Marquis, C., Q. Li & G.C.K. Leung. 2015. "Beacon Group of Hong Kong: Finding light in the shadow education industry". Harvard Business School Case 415-082.
- 024. Leung, G.C.K. 2015. "China's stake in climate change" Institute of China Policy Blog, University of Nottingham.
- 025. Bridge, G., M. Bradshaw M., S. Bouzarovski, J. Dutton & G.C.K. Leung. 2015 "Globalising Gas': developing a GPN approach for understanding organizational and geographical integration in the international natural gas industry" Oxford Institute of Energy Studies Working Paper, Oxford University.
- 026. Leung, G.C.K. 2014. "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>
- 027. Leung, G.C.K. 2011. "Asking the wrong question: will China leave Turkmen gas for Europe?" EUCERS Strategic Paper 9, King's College London.
- 028. Leung, G.C.K. 2011. "China's international petroleum diplomacy" Hong Kong International Relations Review 1 (1): 51-52. (Book Review)
- 029. Leung, G.C.K. 2009. "China's energy demand and diplomacy threaten the world?" Lingdaoze [领导者] 20: 42-45 (In Chinese)
- 030. Leung, G.C.K. 2007. "Sectoral consumption of oil in China" 1st IAEE Asian Conference Proceeding, Cleveland, Ohio: IAEE

Presentations, Talks & Siminers Chaired

- 001. "China's natural gas transitions" (28/05/2015) organized by John A. Paulson School of Engineering and Applied Sciences, Harvard University, US.
- 002. "A geographical political economy of natural gas transition in China" China's Health, Environment and Welfare 2014 Conference (30/04/2014), organized by Geography Department, Oxford University, UK.
- 003. "A geographical political economy of natural gas transition in China" PGR Conference (29/04/2014), organized by Department of Geography, Durham University, UK.
- 004. Invited Discussant for Asia Centre's Energy Roundtables: China Facing The Gas Challenge (17-18/06/2013), organized by Asia Center (Paris), Beijing, PRC.
- 005. "Conceptualizing China's energy security: the past and the future" (22/05/2013) organized by School of International Studies, Peking University, PRC.
- 006. Redefining China's energy security: a synthetic approach" (15/05/2013) organized by Department of Energy Economics, Renmin University, PRC.
- 007. "Redefining China's energy security: a synthetic approach" (11/05/2013) organized by Center for Energy and Environmental Policy Research, Beijing Institute of Technology, PRC.
- 008. "Economic geography of energy: a regional perspective" (01/03/2013) organized by Department of Geography, Hong Kong Baptist University, HK.
- 009. "China's new energy security: a swing of the pendulum" (11/05/2012) organized by Royal Geographical Society (with IBG), Imperial College London, UK.
- 010. "Methanol mirage: China's energy security and policy inconsistency" (20/10/2011) organized by UK Energy Research Centre, Imperial College London
- 011. "Nuclear or not? Myths in Hong Kong Anti-nuclear movement"(16/04/2011) organized by Roundtable Community, HK.
- 012. "China's energy security: fact and fiction", MGPE Luncheon (17/04/2010), organized by Chinese University of Hong Kong, HK
- 013. "China and Central Asia: energy politics" (27/10/2009) organized by Global Studies Institute Hong Kong, HK.
- 014. "Sino-African relations: oil as a determinant?" (27/03/2009) organized by Politics and Public Administration Association, the University of Hong Kong, HK.
- 015. "Why the world's factory now needs less energy to make money?" (15/11/2008) Hong Kong Geography Day 2008, University of Hong Kong, HK.
- 016. "Industrial demand for energy in China: why fluctuate?" (18/06/2008) the 31st IAEE International Conference, Istanbul, Turkey.
- 017. "Sectoral consumption of oil in China?" (05/11/2007) the 1st IAEE Asian Conference, Taipei.
- 018. "Sectoral consumption of oil in China?" (15/05/2007) Department of Geography, Hong Kong Baptist University, HK.

Professional Services

- Journal Reviewer (2011-Present): Applied Economics (2014-), Applied Energy (2013-), The China Journal (2019-), 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-), Geoforum (2014-), 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-), Journal of Economic Geography (2015-), Political Geography (2015-), Natural Hazard (2013-), Physica A (2014-), Renewable and Sustainable Energy Reviews (2011-), Sustainability (2014-)
- Book Proposal Reviewer: Wiley (2014)
 - Guest expert, a Legislative Council special meeting of Environment Bureau, Hong Kong SAR Government (2011)

Scholarships & Awards

- 2014-2015 Post-doctoral Fellowship, Harvard Kennedy School
- 2013-2014 Durham University Scholarship
- 2013 Royal Geographical Society (with IBG) Postgraduate Research Award
- 2012-2013 University of Manchester Teaching Bursaries
- 2012 Elsevier's Award for Top 25 Most Downloaded Papers in Energy Policy in the Year of 2011 (23rd out of 8,542 papers in the world)
- 2008 ExxonMobil Scholarship
- 2007 International Association for Energy Economics Student Scholarship
- 2007 Hong Kong Electric Co Ltd Scholarship
- 2006-2008 UGC Studentship
- 2006 ExxonMobil Scholarship
- 2006 Royal Geographical Society (with IBG) Hong Kong Dissertation Scholarship