

RELEVANT POSITIONS HELD:

2015-Present Assistant Professor, Indiana University School of Public and Environmental Affairs
2012-2015 Fellow, Resources for the Future
2012-2015 Visiting Assistant Professor of Economics, Cheung Kong Graduate School of Business
2013-2015 Senior Research Fellow, the Environment for Development initiative
2008 Visiting Fellow, Shanghai Academy of Development
2005-2007 Research Analyst, The Brookings Institution
2004 Analyst, Charles Rivers Associates
2000-2003 Manager of Business Operations and Strategies, RedWhale Software Corporation

EDUCATION:

Ph.D., Economics, UC San Diego, 2012.
MA, Economics, UC Santa Barbara, 2005.
BA, Economics, Stanford University, 2000. Minor: Chemistry.

PUBLICATIONS:

“Imitating to Export,” with Xiaoyang Li. *Forthcoming, China Economic Review*.

“Vehicle Ownership Restrictions and Fertility in Beijing,” *Journal of Development Economics*, 2018, 135, pages 85-96, with Joshua Linn, Ping Qin, and Jun Yang.

“Environmental Policy in the Presence of an Informal Sector,” *Journal of Environmental Economics and Management*, 2018, 90, pages 61-77, with Antonio Bento and Mark Jacobsen.

“Efficacy of Command-and-Control and Market-Based Environmental Regulation in Developing Countries,” *Annual Review of Resource Economics*, 2018, 10, with Allen Blackman and Zhengyan Li.

“The Effects of Subway Expansion on Traffic Conditions: Evidence from Beijing,” *Journal of Environmental Economics and Management*, 2018, 88, pages 114-133, with Jun Yang, Shuai Chen, Ping Qin, and Fangwen Lu.

“Environmental Policy in the Presence of Induced Technological Change,” *Environmental and Resource Economics*, 2018, 71 (1), pages 279-299, with Hiroaki Yamagami.

“A Review of Beijing’s Vehicle Lottery: Short-term Effects on Vehicle Growth and Fuel Consumption,” *Energy Policy*, 2014, 75, pages 157-166, with Jun Yang, Ying Liu, and Ping Qin.

“Fiscal Decentralization and Environmental Infrastructure in China,” *The B.E. Journal of Economic Analysis and Policy*, 2013, 13 (2), pages 733-759, with Junjie Zhang.

“Tax Evasion and Optimal Environmental Taxes.” *Journal of Environmental Economics and Management*, 2013, 66 (3), pages 656-670.

WORKING PAPERS:

“The Effect of Vehicle Ownership Restrictions on Female Labor Supply,” with Joshua Linn, Ping Qin, and Jun Yang. *Reject-and-resubmit, Journal of Public Economics*.

“Comparing the Cost of a Carbon Tax in China and the United States,” with Richard Carson and Mark Jacobsen.

ANTUNG ANTHONY LIU

“The Effect of Owning a Car on Travel Behavior: Evidence from the Beijing License Plate Lottery,” with Jun Yang, Ping Qin, and Josh Linn.

“A Description of the Market for Informal Taxis in Beijing,” with Jun Yang.

OTHER PUBLICATIONS:

“Carbon Tax Guide: A Handbook for Policy Makers,” (co-authored with many other investigators). World Bank, Washington, DC.

“Analysis on the Influencing Factor of Tax Inspection under the Tax-sharing System” (with Li Hua). Finance and Trade Economics, 3 (2011).

TEACHING EXPERIENCE:

2015 - 18 International Environmental Policy, Public Program Evaluation (IU SPEA), Environment and People
2014 Managerial Statistics (MBA, CKGSB).
2013, 2014 Sustainability Management in China (MBA, CKGSB).
2011 Market Imperfections & Policy (Undergraduate, UCSD).
2007 – 2012: Teaching Assistant: Energy Economics, Environmental Economics, Intermediate Microeconomics, Decisions Under Uncertainty, Corporate Finance, Financial Accounting. (Undergraduate, UCSD).

HONORS, GRANTS, AND FELLOWSHIPS:

2014 National Science Foundation of China, Grant 71403279, “Cost and Behavioral Changes in Beijing’s car lottery.” (~\$33,000)
2011 Clive Granger Research Fellowship, UCSD
2011 Research Grant, Center on Emerging and Pacific Economies
2011 Hsiao Memorial Economics Scholarship, the Asian Pacific Fund
2011 Young Professional and Graduate Student Travel Grant, AAEA Trust
2010 Mini-grant, UC Center of Energy and Environmental Economics (~\$10,000)
2010-2012: Dissertation Fellowship, Department of Economics, UCSD
2008-2010: Graduate Summer Research Award, Department of Economics, UCSD
2007 Merit Award for Outstanding Research Assistance, The Brookings Institution
2007 Passed Certified Public Accounting (CPA) exam

CASE STUDIES AUTHORED:

“Monetizing the Social Enterprise,” CKGSB Case Center, August 2014.

PRESENTATIONS AND INVITED SEMINARS:

2018 Heartland Environmental and Resource Economics Workshop, China Meeting of the Econometric Society, International Energy Workshop 2018, World Congress of Environmental and Resource Economists 2018.
2017 American Economic Association (AEA) Annual Meeting, AERE 2017 Summer Conference, China Meeting of the Econometric Society
2016 Invited speaker for National Committee on U.S.-China Relations China Town Hall, NBER Energy and Environmental Economics Spring Conference, AERE 2016 Summer Conference, Asian Meeting of the Econometric Society, Indiana University, 4th Canadian Ph.D. and Early Career Workshop in Environmental Economics and Policy, Aoyamagakuin University.

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- 2015 American Economic Association (AEA) Annual Meeting, University of Kansas, Indiana University, Environment for Development Annual Meeting, Association for Budgeting and Financial Management Annual Meeting.
- 2014 Asian Meeting of the Econometric Society, China Meeting of the Econometric Society, World Congress of Environmental and Resource Economists (WCERE Istanbul), Conference on Industrial Upgrading and Urbanization (co-author presentation), Renmin University, Peking University, Fudan University, Shanghai University of Finance and Economics.
- 2013 Renmin University, Environment for Development 2013 Meetings
- 2012 13th Occasional California Workshop on Environmental and Resource Economics , AERE 2012 Summer Conference (Sponsored Session), Cheung Kong Graduate School of Business, National University of Singapore Department of Economics, National University of Singapore Lee Kuan Yew School of Public Policy, Resources for the Future, University of Maryland, University of Massachusetts at Amherst, University of Oregon, University of South Carolina, Williams College
- 2011 Southern Economic Association, AAEA & NAREA Joint Annual Meeting, 2nd Annual UC Energy and Environmental Economics Conference, AERE 2011 Summer Conference, Association for Public Economic Theory
- 2010 4th World Congress of Environmental and Resource Economists (WCERE Montreal), 11th Occasional California Workshop on Environmental and Resource Economics
- 2009 11th Annual Colorado University Environmental and Resource Economics Workshop

JOURNAL REFEREE: *Journal of Environmental Economics and Management, Energy Policy, Environmental and Resource Economics, Contemporary Economic Policy, Foundations and Trends in Microeconomics, Ecological Economics, Environment and Development Economics, Journal of Comparative Economics, Sustainability*

PROFESSIONAL SERVICE:

Ad hoc reviewer for NSF Economics Program

POLICY BRIEFS, PRESS COVERAGE:

- “Yes: Earth-saving tax makes economic sense,” Tribune News Service, April 13, 2017.
- “India has the most polluted cities, yet the world doesn’t pay attention,” Mashable, December 4, 2015.
- “China gets a little more fresh air,” Bloomberg Businessweek, September 3, 2015.
- “China Slowly Starts to Tame Its Traffic,” Bloomberg Businessweek, June 3, 2015.
- “China readies national carbon market to fight climate change,” Associated Press, May 23, 2015.
- “Lessons for Beijing’s Smog From the City of Angels,” Bloomberg Brief, April 28, 2015.
- “Can Carbon Taxes be Good for China and the United States?” Paulson Institute Paper on Energy and Environment, April 21, 2015.
- “Smog and China’s Olympic Bid – a hurdle or an opportunity?” Forbes Asia, January 8, 2015.
- “Potential Business Opportunities for PM 2.5,” Nikkei BP Online, November 21, 2014.
- “How Serious is the PM 2.5 Problem in Beijing?” Nikkei BP Online, October 31, 2014.
- “Clearing the Smog on China’s Anti-Pollution Strategy,” Bloomberg Brief, October 2014.
- “China and Russia Relations: Politics in the Pipeline,” CKGSB Knowledge, October 7, 2014.
- “China’s War on Air Pollution Shows More Promise than Reports Indicate,” Forbes Asia, August 6, 2014.
- “China Pollution Controls’ Short-Term Costs Outweighed by Long-Term Benefits,” Bloomberg Brief, April 3, 2014.
- “Carbon taxes could curb the use of offshore tax havens,” ClimateWire, September 20, 2013.
- “Pipe Dreams: Can China Extract Its Shale Gas Reserves?” CKGSB Knowledge, March 21, 2013.

LANGUAGES: English (native), Chinese (conversational), Spanish (basic)