

## **Zhongmin Wang**

Resources for the Future  
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### **EDUCATION**

Ph.D., Economics, Georgetown University, Washington D.C., 2002  
Dissertation title: *Three Essays on Energy Markets and Utility Regulation*

M.A., Petroleum Management, China University of Petroleum (Beijing), 1994

Coursework in American Studies, Johns Hopkins University-Nanjing University Joint  
Center for Chinese and American Studies, Nanjing, 1992-1993

B.E., Management (major) and Petroleum Engineering (minor), China University of  
Petroleum (Dongying), 1991

### **PROFESSIONAL EXPERIENCE**

Fellow, Resources for the Future, September 2012 -

Assistant Professor, Department of Economics, Northeastern University, September  
2005-present

Assistant Professor, Department of Economics, Monash University, Australia, August  
2002-July 2005

Lecturer, School of Management, China University of Petroleum (Beijing), August  
1994-June 1996

### **RESEARCH FIELDS**

Energy Economics, Empirical Industrial Organization, Applied Microeconomics,  
Information Economics, Chinese Economy

### **PUBLICATIONS**

“Anonymity, Social Image, and the Competition for Volunteers: A Case Study of the  
Online Market for Reviews.” *The B.E. Journal of Economic Analysis and Policy*  
10(1) (Contributions), article 44, May 2010.

“(Mixed) Strategy in Oligopoly Pricing: Evidence from Gasoline Price Cycles Before  
and Under a Timing Regulation.” *Journal of Political Economy* 117(6): 987-1030,  
December 2009 (lead article).

“Station Level Gasoline Demand in an Australian Market with Regular Price Cycles.” *Australian Journal of Agricultural and Resources Economics* 53: 467-483, October 2009 (lead article).

“Collusive Communication and Pricing Coordination in a Retail Gasoline Market.” *Review of Industrial Organization* 32(1): 35-52, February 2008.

“Assessing the Degree of Spot Market Integration for US Natural Gas: Evidence from Daily Price Data,” with John Cuddington. *Journal of Regulatory Economics* 29(2): 195-210, March 2006.

“Settling Utility Rate Cases: An Alternative Ratemaking Procedure.” *Journal of Regulatory Economics* 26(2): 141-163, September 2004.

“Hedonic Prices for Crude Oil.” *Applied Economics Letters* 10(13): 857-61. October 2003.

## **WORKING PAPERS**

“A Retrospective Review of Shale Gas Development in the U.S.: What Led to the Boom?” with Alan Krupnick. RFF discussion paper 13-12, submitted to Energy Economics.

“Sector Effect of the Shale Gas Boom in the U.S.,” with Alan Krupnick and Yushuang Wang.

“Sell a Dollar for More Than a Dollar? Evidence from Online Penny Auctions,” with Minbo Xu. RFF discussion paper 13-15, submitted to Journal of the European Economic Association.

“Number of Bidders and Auction Revenue: The Case of Online Penny Auctions,” with Minbo Xu.

“Supermarkets and Gasoline: An Empirical Study of Bundled Discounts.”

“Regular Price Cycles in Liquefied Petroleum Gas,” with Sean Isakower, submitted to Energy Economics.

“The Deepwater Horizon Oil Spill: Did Consumers Boycott BP Brand Gasoline?” with Alvin Lee and Michael Ponlonsky.

## **PRESENTATIONS**

“A Retrospective Review of Shale Gas Development in the United States: What Led to the Boom?”

- Renmin University of China, Department of Energy Economics, June, 2013
- Chinese Economist Society Annual Conference, June, 2013

“Did the Deepwater Horizon Oil Spill Cause Drivers to Boycott BP Brand Gasoline?”

- International Industrial Organization Conference, May, 2013
- Georgetown Center for Economic Research Annual Conference, June 2012

“Learning and Strategic Sophistication in Games: Evidence from Penny Auctions on the Internet”:

- International Industrial Organization Conference, April, 2012
- College of William & Mary, February 2012
- University of Mississippi, February 2012
- University of Wisconsin White Water, Department of Economics, October 2011

“Supermarkets and Gasoline: An Empirical Study of Bundled Discounts”:

- Renmin University, Department of Energy Economics, May 2012
- Resources for the Future, February 2012
- University of Massachusetts Amherst, Department of Resource Economics, October 2011
- Colorado School of Mine, Division of Economics and Business, June 2011
- Massachusetts Institute of Technology, Department of Economics, May 2011
- Georgetown University, Department of Economics, February 2011
- Conference on Empirical Legal Studies, Yale law school, November 2010
- Canadian Economic Association Annual Meeting, Toronto, May 2009
- American Law and Economics Association, San Diego, May 2009
- International Industrial Organization Conference, Boston, April 2009

“Anonymity, Social Image, and the Competition for Volunteers: A Case Study of the Online Market for Reviews”:

- Canadian Economic Association Annual Meeting, Quebec City, May 2010
- International Industrial Organization Conference, Vancouver, May 2010

“(Mixed) Strategy in Oligopoly Pricing: Evidence from Gasoline Price Cycles before and under a Timing Regulation” (or previous versions):

- Clark University, September 2008
- Northeastern University, January 2005
- Australian National University, September 2004
- Monash University (Caulfield campus), August 2004
- University of Melbourne, August 2004
- Econometric Society Australasian Meeting, Melbourne, July 2004
- Monash University (Clayton campus), June 2004
- International Industrial Organization Conference, Chicago, April 2004

“Collusive Communication and Pricing Coordination in a Retail Gasoline Market”

- Canadian Competition Bureau, Ottawa, July 2007
- International Industrial Organization Conference, Savannah, April 2007
- European Association in Industrial Economics Research Annual Conference, Amsterdam, August 2006

“Station Level Gasoline Demand in an Australian Market with Regular Price Cycles”

- International Industrial Organization Conference, Atlanta, April 2005

“Hedonic Prices for Crude Oil”

- Western Economic Association Annual Conference, Denver, July 2003

“Settling Utility Rate Cases: An Alternative Ratemaking Procedure”

- Georgetown University Department of Economics Brown Bag Lunch, 2001

## **GRANTS, AWARDS, HONORS**

- 2012: Energy Foundation-China Grant to hold a forum in Beijing and write papers on shale gas development in the U.S. (\$90,000)
- 2011: Deakin University Center for Sustainable and Responsible Organizations (CSaRO) to study consumers’ boycott of BP gasoline after the 2010 Deepwater Horizon oil spill in the Gulf of Mexico (AU\$20,000).
- 2009: Nominated for “Excellence in Teaching Award,” Northeastern University
- 2005: Collier Charitable Fund Grant to purchase a laptop computer (AU\$3,000).
- 2004-2005: Monash University Faculty Research Grant to study product competition and firm efficiency (AU\$8,000). PI.
- 2004-2005: Monash University Department of Economics Research Grant to purchase gasoline price data (AU\$8,100). PI.
- 2004-2005: Monash University Faculty Research Support Grant to collect gasoline price data (AU\$6,400).
- 2003-2004: Monash University Faculty Research Grant to study gasoline price cycles (AU\$13,400). PI.
- 2002: USAEE (US Association of Energy Economist) Student Best Paper Award, Vancouver, October 2002.
- 1999: Sun Yat-Sen Dissertation Scholarship
- 1996-2002: Graduate Assistantship (tuition and stipend), Georgetown University.

## **TEACHING AND ADVISING**

### **Northeastern University**

Principles of Microeconomics  
Industrial Organization (Master)  
Industrial Organization (Ph.D.)  
Microeconomic Theory (Ph.D.)

Member of dissertation committee for Ph.D. Students:  
Daniel Greenfield (2011, Federal Trade Commission)

Kamen Madjarov (2012, Brattle Group)  
Maggie Hu, Sean Isakower, Minbo Xu (Georgetown University)

Monash University

Awarded a Graduate Certificate in Higher Education, 2004  
Principles of Microeconomics  
Economics for Managers (MBA)  
Industrial Organization (undergraduate honors course)

**PROFFESIONAL SERVICE**

Journal and Grant Reviewer for:

*Australian Economic Papers*  
*Australian Journal of Agricultural and Resources Economics*  
*Economic Journal*  
*Energy Economics*  
*Energy Journal*  
*Energy Policy*  
*Environment and Development Economics*  
*International Economic Review*  
*International Journal of Industrial Organization*,  
*International Journal of the Economics of Business*  
*Journal of Economics and Management Strategy*  
*Journal of Economic Behavior and Organization*  
*Journal of Industrial Economics*  
*Journal of Regulatory Economics*  
*Review of Economics and Statistics*  
*Review of Industrial Organization*  
*Review of Network Economics*  
*Utilities Policy*  
National Science Foundation

Invited Testimony

“Assessing the Impact of Fuelwatch: A Submission to the [Australian] Senate  
Standing Committee on Economics’ Inquiry into the National Fuelwatch Regulation,”  
July 2008

Service at Northeastern University

Member, East Asian Studies Advisory Board, 2006-2011  
Undergraduate Advisor, 2005-2010  
Member, Computer and Internet Committee, 2005-2011  
Member, Department Workshop and Seminar Committee, 2006-2011  
Member, Ph.D. Comprehensive Exams in Industrial Organization, 2005-2011  
Member, Ph.D. Comprehensive Exams in Microeconomic Theory, 2008-2012  
Member, Summer Workshop for Ph.D. Students (2006, 2008, 2009, 2010)  
Member, Graduate Student Appeals Committee, 2010 summer