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Agricultural and Applied Economics  
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**Guanming Shi**  
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### **CURRENT EMPLOYMENT**

*Assistant Professor*, UW Madison, Agricultural and Applied Economics, Fall 2005 – Present.

### **RESEARCH AND TEACHING INTERESTS**

Applied Microeconomics, Intellectual Property Rights and Industrial Organization, Environmental and Resource Economics.

### **DEGREES**

Ph.D. University of California at Berkeley. Agricultural & Resource Economics. 2005.  
M.S. University of Vermont. Community Development and Applied Economics (CDAE). 1999  
B.Econ. Fudan University, Shanghai, PR China. International Finance. 1995

### **DISSERTATION**

*Title:* Essays on Commodity Bundling and Licensing with Application to Agricultural Biotechnology.

### **PUBLICATIONS**

“Bundling and Licensing of Genes in Agricultural Biotechnology,” *American Journal of Agricultural Economics* 91(1) (2009): 264-274.  
“Economic Growth and Income Inequality in the Transition toward a Market Economy: China’s Experience and Policy Implications.” (With Q. Wang), book chapter, Matthew Holt and Jean-Paul Chavas, Editors, *Essays in the Honor of Stanley R. Johnson*. Berkeley Electronic Press, 2006.  
“Market Potential for Fine Furniture Manufactured from Low-grade Hardwood: Evidence from a Conjoint Analysis in the Northeastern United States.” (With Q. Wang and C. Chan-Halbrendt), *Forest Products Journal* 54(5) (2004): 19-25.  
“Changes in Income Inequality and Welfare under Economic Transition: Evidence from Urban China.” (With Q. Wang and Y. Zheng), *Applied Economics Letters* 9 (2002): 989-991.  
“Industrial Hemp: China’s Experience and Global Implications.” (With Q. Wang), *Review of Agricultural Economics* 21(2) (1999): 344-357.

### **WORKING PAPERS**

“On Pricing and Vertical Organization of Differentiated Products,” (with Jean-Paul Chavas), 2009, submitted.  
“Commodity Bundling and Leverage of Market Power,” 2008, submitted.  
“An Analysis of Bundle Pricing: The Case of Corn Seed Market.” (with Jean-Paul Chavas and Kyle Stiegert), 2008, submitted.  
“Pricing of Herbicide Tolerant Soybean Seeds: A Supply Side Approach,” (with Jean-Paul Chavas and Kyle Stiegert), 2009, submitted.  
“An Analysis of Pricing in Horizontal and Vertical Markets: The Case of U.S. Cotton Seed Market,” (with Kyle Stiegert and Jean-Paul Chavas), 2009.  
“Effect of Prices, Traits and Market Structure on Corn Seeding Density,” (with P. Mitchell, X. Ma and J. Lauer), 2009.  
“Environment, Power Inequality, and Liberalization: Evidence from China,” 2008.  
“Intellectual Property Rights, Market Structure and Innovation: Evidence and Implications in the Chinese Pesticide Industry,” 2008, with Carl Pray.

“Intellectual Property Rights, Genetic Use Restriction Technologies (GURTs), and Strategic Behavior,” 2007.

“Research and Innovation in the Chinese Pesticide Industry,” 2007, with Carl Pray.

## **GRANTS AND AWARDS**

Graduate School Research Committee Award, UW-Madison, 2009-2010 (\$22,867).

USDA CSREES Hatch Grant, 2008-2012 (\$109,964)

USDA NRI Grant on Pricing and Strategy in the Genetically Modified Seed Industry, 2007-2010 (\$459,000, with Jean-Paul Chavas and Kyle Stiegert).

Graduate School Research Committee Award, UW-Madison, 2007-2008 (\$15538).

USDA Hatch Grant, 2006-2008 (\$52000).

Graduate School Research Committee Award, UW-Madison, 2006-2007 (\$19141).

Outstanding Graduate Student Instructor Award, UC-Berkeley, 2003-2004.

Giannini Foundation of Agricultural Economics Research Grant, 2003-2005.

Outstanding MS Thesis Award, Northeastern Agricultural and Resource Economics Association (NAREA), 2000.

## **TEACHING EXPERIENCE**

*UW-Madison, Department of Agricultural and Applied Economics:*

Economics of Innovation and Technology, Spring 2006-2009.

Environmental Economics, Spring 2007.

Applied Microeconomic Theory, Fall 2008.

*University of Vermont, Department of CDAE, Fall 2003:*

Advanced Microeconomics (MS graduate).

Decision Making for Agricultural and Resource Entrepreneurs (undergraduate).

Intermediate Microeconomics for Applied Economists (undergraduate).

## **PRESENTATIONS**

*ICABR 13<sup>th</sup> Conference*, Ravello, Italy, June 2009.

*NC1034 Annual Meeting*, Washington DC, March 2009.

*NC1034 Annual Meeting*, Berkeley, CA, March 2007.

*AAEA Annual Meeting*, Long Beach, CA, July 2006.

*NC1003 Annual Meeting*, Jekyll Island, GA, March 2006.

*AAEA Annual Meeting*, Denver, Colorado, August 2004.

*AAEA Annual Meeting*, Tampa, Florida, August 2000.

*Northeastern Agricultural and Resource Economics*

*Association (NAREA) Annual Meeting*, Morgantown, West Virginia, June 1999.

## **INVITED SEMINAR/PANEL**

2009: Conference: Biotechnology in Developing Countries, University of California, Berkeley, CA  
Workshop: Measuring Private Research and Innovation in SE Asia and Sub-Saharan Africa,  
The State University of New Jersey, Rutgers

NSF SBIR Phase II panel, Arlington, VA

2008: Conference: Intellectual Property’s Changing Role in Asia: Moving Beyond “Producers” and  
“Consumers”, University of Illinois, Urbana, IL

UW Madison INSITE Research Seminar Series

2007: Central University of Finance and Economics, Beijing, China

2006: The State University of New Jersey, Rutgers

China Center for Economic Studies, Fudan University, Shanghai PR China

UW Madison INSITE mini-Conference on *Understanding Technology Entrepreneurship and its Effects on Social Institutions*

UW Madison Center for East Asian Studies

## **ADDITIONAL INFORMATION**

Language: English (fluent), Chinese (native)  
Services: Group Leader, AAEA 2009 annual meeting.  
Personnel Committee, UW Madison, 2006-2007.  
Graduate Committee, UW Madison, 2005-2007, 2008-2009.  
Referee: *American Journal of Agricultural Economics, Journal of Agricultural and Applied Economics, China Economic Review, Journal of Horticulture Science, Letters in Spatial and Resource Sciences, International Journal of Agricultural Resources, Governance and Ecology, Choices, Ecological Economics, Giannini Foundation Publications, USDA-Hatch, NSF-SBIR.*

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