

# Zhenyu Zhang, Ph.D.

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**Objective:** Assistant professor, Environmental Economics and Economic Growth

## **Research and Teaching interests:**

Environmental and Resource Economics, Sustainable Economic growth,  
Social Capital, Business Statistics, Applied Econometrics, Microeconomics

## **Education**

Ph.D., Agricultural Economics, University of Nebraska-Lincoln, August 2009

*Concentration:* Economic growth and Environmental Economics

Advisor: Dr. Karina Schoengold

Dissertation: Economic Growth and Carbon Emission Control in China

M.S., Agricultural Economics, University of Nebraska-Lincoln, August 2005

*Concentration:* Industrial Organization and Production Economics

Advisor: Dr. Azzeddine Azzam

Thesis: Vertical Scale and Scope Economies in US Hog Production

MBA, Sino-French Business Administration Institute, Nanchang University, 2001

*Concentration:* Enterprise Diagnosis

Thesis: The Enterprise Diagnosis of Jiangxi Sino-French Moped Joint Venture

B.E., Industrial Trade, Beijing University of Aeronautics and Astronautics, 1995

*Concentration:* International Business and border trade

Thesis: Discussing the Trend in China-Russia Border Trade Pre and Post the fall of Soviet Union

B.S., Hydrobiology, Shanghai Fishery University, 1993

*Concentration:* Aquaculture

Thesis: Analyzing the Circulation of Nitrogen and Phosphate in the Digestion of Weed by Grass  
Carp

## **Professional Experience**

Teaching Assistant and Lecturer, 2010 Spring with Dr. McGarvey

Undergraduate Course: ECON215 Business Statistics

University of Nebraska-Lincoln

Lecturer and Teaching Assistant, 2008 Spring with Dr. Lynne

Undergraduate Course: AECN265 Resource and Environmental Economics

University of Nebraska-Lincoln

Teaching Assistant, 2006-2007 Fall with Dr. Azzam

Graduate Course: AECN873 Microeconomic Model and Application

University of Nebraska-Lincoln

Research Assistant, 2004-2009 with Dr. Azzam, Dr. Lynne, and Dr. Schoengold

Fields: Environmental Economics, Social Capital, Industrial Organization

University of Nebraska-Lincoln, Nebraska

Manager Assistant, 1999-2001

Shanghai United Gene Development, Shanghai, China

Duty: Corporate Financing

Staff, 1995-1999

Jiangling Auto Import and Export Co., Nanchang, China

Duty: Office Administration

## **Research skills**

Extensive knowledge of SAS statistical program and SHAZAM econometrics program

Many years experience in linear/non-linear regression, OLS, SUR, FIML (Full Information Maximum Likelihood), and Probit model.

Extensive experience in parametric modeling and optimization

Familiar with ANOVA, Clustering analysis, Principal Component Analysis and Factor Analysis in SAS

Familiar with panel-data analysis, with basic knowledge on time-series data analysis

Knowledge in R at entry level

## **Awards and Fellowships**

Agricultural & Applied Economic Association Travel Grant, Milwaukee, Wisconsin, 2009

Research/Teaching Assistantship, University of Nebraska-Lincoln, Nebraska, 2004-2008

Larrick Graduate Student Travel Grant, University of Nebraska-Lincoln, Nebraska, 2006

Tomek Fellowship, University of Nebraska-Lincoln, Nebraska, 2005-2008

Filley-Geary Fellowship, University of Nebraska-Lincoln, Nebraska, 2004-2005

## **Association Membership**

AERE member 2010

AAEA member 2006-2009

## **Research Paper**

Zhenyu Zhang and Karina Schoengol. "Carbon Emission Control Policies within China's Power Generation Sector." Submitted to *Journal of Environmental Economics and Management* in 2010

Zhenyu Zhang and Karina Schoengold (2009) "Economic Growth and Emission control: A Case Study in China." *Selected paper for presentation at Agricultural and Applied Economics Association annual meeting in Milwaukee of Wisconsin, July26-28, 2009.*

Zhenyu Zhang and Gary Lynne (2006) "Is Individual Behavior Oriented to Self-interest, Other-interest or both: Empirical Evidence from a Case Study of Social Capital?" *Selected paper for presentation at American Agricultural Economics Association annual meeting in Long Beach of California, July23-26, 2006.*

Zhenyu Zhang and Karina Schoengold "Market Power and Abatement Incentive." *In prepare to submit to International Journal of Industrial Organization by July 2010.*

## Reference

**Karina Schoengold** (Ph.d Advisor)

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Assistant Professor

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**Mary M. McGarvey** (Thesis defense committee member) Associate Professor

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**Gary D. Lynne** (dissertation defense committee member) Professor

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