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## **Siwei Cao**

### **FIELDS OF INTEREST**

Primary: Applied Microeconomics, Intellectual Property and International Innovation  
Secondary: Economic Development, Agricultural Policy

### **DISSERTATION**

Title: "Essays on Patent System, Firm Patenting Strategy and Technology Progress"  
Expected Date of Completion: May 2015  
Principal Advisors: Professor Brian Wright and Professor Jeff Perloff  
Other References: Assistant Professor Graham Stuart

### **PRE-DOCTORAL EDUCATION**

Peking University, B.A. in Mathematics 2008  
University of California Berkeley, M.A. in Agricultural and Resource Economics 2010

### **FELLOWSHIP AND FUNDINGS**

2008-2009: Agricultural and Resource Economics Department Fellowship  
2012-2015: Chinese National Science Foundation (Grant No: 12BJL041)

### **JOB MARKET PAPER**

"Speed of Patent Protection, Rate of Technical Knowledge Obsolescence and Optimal Patent Strategy: Evidence from Innovations Patented in the US, China and Several Other Countries"

### **WORKING PAPER**

"Speed vs. Length of Patent Protection: Evidence from Innovations Patented in the US and China"

### **WORK IN PROGRESS**

"Identifying the Effect of Knowledge Spillover on R&D investment: Evidence from U.S. Patent Examiner Diligence"

### **RESEARCH EXPERIENCE**

Research assistant at the University of California, Berkeley for Professor Brian Wright 2010-2013

### **TEACHING EXPERIENCE**

1. Graduate Student Instructor for Environmental Economics EEP 140 (undergraduate) at the University of California, Berkeley Fall 2009.

2. Graduate Student Instructor for Intermediate Macroeconomics IAS107 (undergraduate) at the University of California, Berkeley Spring 2010.
3. Graduate Student Instructor for Intermediate Microeconomics EEP 100 (equivalent course of Econ 101, undergraduate) at the University of California, Berkeley Spring 2014.
4. Graduate Student Instructor for Advanced Intermediate Microeconomics Econ 101A (undergraduate) at the University of California, Berkeley Fall 2014.
5. Co-teaching for Economics of Innovation (undergraduate) with Brian D. Wright at Renmin University Summer School, Summer 2014.

## CONFERENCE PRESENTATIONS

- UC Berkeley-Peking University Conference on *Evolution of Chinese and its implications for research and innovation* Beijing, China, May 2011
- Workshop on *Innovation and Patent Harmonization* at Boston University, School of Law. Boston, U.S.A, Oct 2011
- Fourth Asian Pacific Innovation Conference. Seoul, Republic of Korea, Oct 2012 invited Talk at the United States Patent and Trademark Office (USPTO). Virginia, U.S.A. Dec 2012
- UC Berkeley-Tsinghua University workshop in *The increase in innovation and patenting in China and its implications*. Beijing, China, March 2013
- Invited Talk at the Ministry of Science and Technology of People's Republic of China. Beijing, China, March 2013.
- Invited Talk at the Ministry of Science and Technology of People's Republic of China. Beijing, China, July 2014.

## OTHER INFORMATION

Affiliations: American Economic Association

Citizenship: China

Language: Mandarin Chinese (Native), English (fluent)

## REFERENCES

Brian Wright, Agricultural and Resource Economics, UC Berkeley, bwright@berkeley.edu.

Jeff Perloff, Agricultural and Resource Economics, UC Berkeley, jperloff@berkeley.edu.

Graham Stuart, Scheller College of Business, Georgia Institute of Technology, graham@gatech.edu.