

## Hui He

### Contact Information

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### Education

Degree	Field	Institution	Year
Ph.D.	Economics	University of Minnesota	06/2007
M.A.	Economics (Minor in Mathematics)	University of Minnesota	04/2007
M.A.	Economics	Peking University	07/1994
B.A.	Economics (with honor)	Peking University	07/1992

### Academic Position

08/2007-present Assistant Professor, Department of Economics, University of Hawaii at Manoa

### Major Fields of Research

Macroeconomics, Labor Economics, Health Economics, Computational Economics

### Publications

“Investment-Specific Technological Change, Skill Accumulation, and Wage Inequality,” with Zheng Liu, *Review of Economic Dynamics*, vol. 11 (2008), pp. 314-334.

### Dissertation

Title: “Three Essays on Skill Premium, College Choice, and Investment-Specific Technological Change”

Dissertation Advisor: Michele Boldrin

### Grants

2008 *URC Research Relations Fund*, University of Hawaii at Manoa, \$4500.00 (PI)  
2009 *CIBER Interdisciplinary Research Award*, University of Hawaii at Manoa, \$4000.00 (Co-PI)  
2009 *SSRI Research Support Fund*, College of Social Sciences, University of Hawaii at Manoa, \$6700.00 (PI)

### Honors and Awards

2009 Runner-up for *Seiji Naya Award for Excellence in Research*, Department of Economics, University of Hawaii at Manoa, Honolulu, HI  
2009 *URC Faculty Travel Award*, University of Hawaii at Manoa, Honolulu, HI  
2009 *SSRI Faculty Travel Award*, College of Social Science, University of Hawaii at Manoa, Honolulu, HI  
2006 *Research Travel Grant (Twice)*, Department of Economics, University of Minnesota, Minneapolis, MN  
2005 *Fellow*, Chicago-Argonne Institute on Computational Economics, Chicago, IL  
2000 *Outstanding Teaching Assistant Award*, University of Southern California, Los Angeles, CA  
1999-2000 *USC Graduate School Fellowship*, University of Southern California, Los Angeles, CA  
1996 *Chen Dai Sun Economic Award (for Excellence in Teaching)*, Peking University, China  
1995 *GE China Fellowship (for Excellence in Economic Research)*, Peking University, China  
1995 *Distinguished Teaching Award*, School of Economics, Peking University, China  
1992-1993 *Guang Hua Fellowship*, Peking University, China  
1992 *Outstanding Graduate Prize for 1988-1992 Classes*, Peking University, China

### Teaching Experience

08/2007-present Assistant Professor, Department of Economics, University of Hawaii at Manoa. Taught *Macroeconomic Theory I at PhD level, Intermediate Macroeconomics at Undergraduate level*.  
08/2001-05/2007 Teaching Assistant, Department of Economics, University of Minnesota, Minneapolis, Minnesota. Taught *Principle of Macroeconomics, Intermediate Macroeconomics, Comparative Economic Systems, and*

*Environmental and Natural Resource Economics*. Led recitation sections in *Principles of Macroeconomics* and *Principles of Microeconomics*.

09/2000-05/2001 *Teaching Assistant*, Department of Economics, University of Southern California, Los Angeles, California. TA for first year Ph.D macroeconomic core courses: Econ 505 (Professor Caroline Betts), Econ506 (Professor Selahattin Imrohoroğlu).

### Research Experience

05/2001-08/2001 *Research Assistant*, Department of Economics, University of Southern California, Los Angeles, CA. Research Assistant for Professor Caroline Betts.

### Professional Experience

07/1996-07/1999 *Assistant Professor*, School of Economics, Peking University, Beijing, China.  
07/1994-06/1996 *Lecturer*, School of Economics, Peking University, Beijing, China.

### Working Papers

“Why Have Girls Gone to College? A Quantitative Examination of the Female College Enrollment Rate in the United States: 1955-1980,” (Previous title: “College Gender Gap and Gender Differences in Skill Premium,”) October 2009 (under review)  
“Health Investment over the Life Cycle,” with Tim Halliday and Hao Zhang, October 2009 (under review)  
“What Drives the Skill Premium: Technological Change or Demographic Variation?” (Previous title: “Skill Premium, Schooling Decisions, Skill-Biased Technological and Demographic Change: A Macroeconomic Analysis,”) March 2009 (under review)  
“Currency Substitution in Obstfeld-Rogoff Model,” November 2002

### Work in Progress

“Computing Multi-state Multi-control Dynamic Programming Model: A Rapid Grid Search Algorithm,” with Hao Zhang  
“Health and Portfolio Choice in Retirement: The Impact of Ambiguity,” with Lei Guo  
“Baby Boom, Baby Bust and the Housing Price Dynamics,” with Geng Li  
“What happens to the Mexican Skill Premium after NAFTA?” with Zheng Liu

### Invited Seminars

“*Skill Premium, Schooling Decisions, Skill-Biased Technological and Demographic Change: A Macroeconomic Analysis*,”

- Department of Economics, University of Hawaii at Manoa, August 2006, and January 2007.
- Industrial Relations Center, Carlson School of Management, University of Minnesota, October 2006.
- Federal Reserve Bank of Minneapolis Research Seminar, January 2007.
- Department of Economics and Econometrics, University of Notre Dame, January 2007.
- Department of Economics, Wayne State University, January 2007.
- Department of Economics, Concordia University, Montreal, Canada, January 2007.

“*Investment-Specific Technological Change, Skill Accumulation, and Wage Inequality*,”

- Department of Economics, University of Hawaii at Manoa, February 2008.

“*Health Investment over the Life Cycle*,”

- Department of Economics, George Washington University, April 2009.
- Federal Reserve Board, May 2009.
- Department of Economics, Chinese University of Hong Kong, May 2009.
- Department of Economics, Hong Kong University of Science and Technology, May 2009.
- Department of Applied Economics, Guanghua School of Management, Peking University, May 2009.
- Department of Economics, Shanghai University of Economics and Finance, May 2009.

“*Why the Older People Quit the Stock Market?*”

- Department of Economics, University of Hawaii at Manoa, November 2008.
- Department of Economics and Finance, University of Hong Kong, May 2009.
- Department of Economics, Tsinghua University, May 2009.

### Conference Presentations

“*Skill Premium, Schooling Decisions, Skill-Biased Technological and Demographic Change: A Macroeconomic Analysis*,”

- Chicago-Argonne Institute on Computational Economics (poster session), Chicago, July 2005.
- 2006 North American Summer Meeting of the Econometric Society, Minneapolis, June 2006.
- Sixth Villa Mondragone Workshop in Economic Theory and Econometrics, Rome, Italy, July 2006.

- 2007 Midwest Economic Association Annual Meetings, Minneapolis, March, 2007.
- 2007 Midwest Macro Meetings, Cleveland, April 2007.
- 2007 Society for Economic Dynamics (SED) Annual Meeting, Prague, Czech Republic, June 2007.

*“Investment-Specific Technological Change, Skill Accumulation, and Wage Inequality,”*

- 2006 Midwest Macro Meetings, St. Louis, May 2006.
- 2006 North American Summer Meeting of the Econometric Society, Minneapolis, June 2006.
- Far Eastern Meeting of Econometric Society, Beijing, China, July 2006.

*“College Gender Gap and Gender Differences in Skill Premium,”*

- 2007 North American Summer Meeting of the Econometric Society, Durham, June 2007.

*“Health Investment over the Life Cycle,”*

- 2009 Midwest Macro Meetings, Bloomington, Indiana, May 2009.
- QSPS 2009 Summer Workshop, Logan, Utah, May 2009.
- 2009 Western Economic Association International Annual Conference, Vancouver, Canada, June 2009.

### **Session Organization**

- “Macroeconomic Analysis of Health Shock,” Western Economic Association International Annual Conference, Vancouver, Canada, June 2009.

### **Discussant**

- Midwest Economic Association Annual Meetings, Minneapolis, March 2007.
- Western Economic Association International Annual Conference, Honolulu, June 2008.

### **Conference Participation**

- 2008 Minnesota Workshop in Macroeconomic Theory, Minneapolis, August 2008.
- 2008 Society for Economic Dynamics (SED) Annual Meeting, Boston, July 2008.

### **Referee Activity**

*China Economic Review, Canadian Journal of Economics, Economic Inquiry*

### **Professional Affiliations**

American Economic Association, Econometric Society, Western Economic Association International, Royal Economic Society

### **Department Services**

Seminar coordinator, Department of Economics, University of Hawaii at Manoa, 2008-2009, 2009-2010

Member, seminar committee, Department of Economics, University of Hawaii at Manoa, 2007-2008

Member, graduate committee, Department of Economics, University of Hawaii at Manoa, 2007-2008, 2008-2009, 2009-2010

Member, micro junior recruiting committee, Department of Economics, University of Hawaii at Manoa, 2007-2008

Member, computer committee, Department of Economics, University of Hawaii at Manoa, 2007-2008, 2009-2010

Member, macro comprehensive exam committee, Department of Economics, University of Hawaii at Manoa, 2008, 2009

### **Ph.D Supervision and Thesis Committee**

Hao Zhang, Ph.D student at Department of Economics, University of Hawaii at Manoa (member of the thesis committee)

Yichao (Iris) Zuo, Ph.D student at Finance Department, Shidler School of Business, University of Hawaii at Manoa (member of the thesis committee)

Liang Zhang, Ph.D earned at Finance Department, Shidler School of Business, University of Hawaii at Manoa (member of the final defense committee; first placement: University of Melbourne)