

# Matthew Hoelle

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## Personal and Contact Information

Birthdate: February 23, 1982.  
Birthplace: Norwalk, CT (US).  
Citizenship: US.

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## Education

- Ph.D. Economics, University of Pennsylvania, 2010.
- B.S. Chemical Engineering (*magna cum laude*), Washington University, 2005.

## Employment

- 2011 – present, Purdue University, West Lafayette, IN. Assistant Professor of Economics, 2012 – present; Visiting Assistant Professor of Economics, 2011 – 2012.
- 2010 – 2011, European University Institute, Florence. Max Weber Postdoctoral Fellow.
- 2008 – 2009, Swiss Banking Institute, University of Zurich. Visiting Research Assistant.

## Research

### Fields

Macroeconomic Theory, Financial Economics, General Equilibrium, Monetary Economics.

### Publications (peer-reviewed)

1. Hoelle, Matthew. "The effects of dependent beliefs on endogenous leverage." *Journal of Mathematical Economics*, forthcoming.
2. Hoelle, Matthew. "Optimal term structure in a monetary economy with incomplete markets." *The B.E. Journal of Theoretical Economics*, DOI: 10.1515/bejte-2016-0158. Forthcoming.
3. Hoelle, Matthew. "Stationary inflation and Pareto efficiency with incomplete markets and a large open economy." *Economic Theory Bulletin*, DOI: 10.1007/s40505-017-0128-1. Forthcoming.

4. Feng, Zhigang, and Matthew Hoelle. "Indeterminacy in stochastic overlapping generations models: Real effects in the long run." *Economic Theory* 63(2): 559-585. 2017
5. Hoelle, Matthew, Marina Pireddu, and Antonio Villanacci. "Incomplete financial markets with real assets and wealth-dependent credit limits." *Journal of Economics* 117(1): 1-36. 2016 (*lead article*)
6. Hoelle, Matthew. "On the Pareto efficiency of term structure targeting policies." *Mathematical Social Sciences* 77: 62-69. 2015
7. Hoelle, Matthew. "The relation between sunspot effects and multiplicity in incomplete markets models with numeraire assets." *Journal of Mathematical Economics* 50: 119-127. 2014
8. Hoelle, Matthew. "Transaction costs and planner intervention." *Economic Theory* 50(3): 603-634. 2012

### Working papers

1. Incomplete markets and the distribution of risk in a large open economy under targeting rules. *Krannert Working Paper Series*, Paper No. 1279.
2. On the efficiency of nominal GDP targeting in a large open economy, joint with Udara Peiris. *Krannert Working Paper Series*, Paper No. 1273.
3. Term structure targeting, price level indeterminacy, and Taylor rules, joint with Rafael Alejandro Paez Villate.
4. Incomplete markets as the outcome of bilateral bargaining.
5. Bankruptcy and access to credit in general equilibrium.
6. A simple model of bankruptcy in general equilibrium.

### Seminar/conference presentations

**2017** SAET Annual Conference, Ancoa (Faro) Portugal. **2016** Midwest Economic Theory Meetings, Purdue. Midwest Macro Meetings, Purdue. **2015** ANR Nuvo Tempo Workshop on Recursive Methods; Arizona State. **2014** Midwest Macro Meetings, Florida International University. Midwest Economic Theory Meetings, IUPUI. **2013** Midwest Macro Meetings, University of Minnesota. SAET Annual Conference, MINES ParisTech. MWF June Conference, EUI. Midwest Macro Meetings, University of Illinois Urbana-Champaign. International Center for Economics and Finance (ICEF), Moscow. **2012** Midwest Economic Theory Meetings, Washington University (MO). NBER/NSF/CEME Conference in General Equilibrium and Mathematical Economics, Indiana University. SAET Annual Conference, University of Queensland. Midwest Economic Theory Meetings, Indiana University. **2011** Conference on Theoretical Economics, University of Kansas. Indiana University. SAET Conference on Debt, Default, and Access to Credit, University of Illinois Urbana-Champaign. Purdue University. NBER/NSF/CEME Conference in General Equilibrium and Mathematical Economics, University of Iowa. SAET Annual Conference, Ancoa (Faro) Portugal. MWF June Conference, EUI. Cowles Conference on General Equilibrium and its Applications, Yale University. Universitat Pompeu Fabra. **2010** SAAe Symposium, Madrid. European University Institute. SAET Annual Conference, Singapore. EWGET, Cracow University. **2009** University of Pennsylvania. SAET Annual Conference, Ischia. EWGET, Pompeu Fabra. Conference on Theoretical Economics, University of Kansas. Cowles Conference on General Equilibrium and its Applications, Yale University.

## **Referee**

*Journal of Economic Theory, Economic Theory, Theoretical Economics, International Economic Review, Journal of Mathematical Economics, Mathematical Social Sciences, Canadian Journal of Economics, Journal of Macroeconomics, Journal of Economics, B.E. Journal of Theoretical Economics.*

## **Ph.D. Advising**

Pritha Chaudhuri, chair (in progress).

Jiang Huang, chair (in progress).

Wumian Zhao, member (in progress).

Mohamed Hassan (civil engineering), member.

Eleni Bardaka (civil engineering), member (first placement: NC State).

Zhiying Gu, member (first placement: Amazon).

## **Teaching**

### **Ph.D. teaching experience**

Macroeconomics (core), Purdue University: 2012 – 2017.

Macroeconomics (topics), Purdue University: 2012, 2015, 2017.

Mathematics for Economists, University of Pennsylvania: 2007 – 2009 (summer).

### **Masters teaching experience**

Macroeconomics, Purdue University: 2014 – 2017.

Asset Pricing, Purdue University: 2015 – 2017.

Macroeconomics (weekend MBA), Purdue University: 2014 – 2015.

### **Undergraduate teaching experience**

Game Theory, Purdue University: 2011.

## **Teaching manuscripts**

Macroeconomics (506 pages), Masters.

A Short Course in Real Analysis (115 slides), Ph.D.

General Equilibrium Models (125 pages), Ph.D.

Game Theory (247 pages), undergraduate.

## **Honors, Fellowships, and Service**

### **Honors and awards**

Purdue Research Foundation (PRF) Summer Faculty Grant (\$8,000), 2016.

Faculty Service Award (Purdue, Krannert School of Management), 2016.

John and Mary Willis Young Faculty Scholar Award (Purdue, Krannert School of Management), 2015.

Purdue Research Foundation (PRF) International Travel Grant, 2013.

Max Weber Fellowship, European University Institute, 2010 – 2011.

Fontaine Fellowship, University of Pennsylvania, 2005 – 2010.

### **Academic service**

Instructor, Experience Purdue, 2015 – 2016.

Faculty Chair, Purdue Economics Association (PEA), 2014 – 2016.

Faculty Chair, Pursuit of Excellence Tutoring (POET), Purdue University, 2011 – 2014.

Officer for the Max Weber Fellows Society, European University Institute, 2011 – 2013.

Academic Coordinator, Max Weber Programme, European University Institute, 2010 – 2011.

Officer of the Graduate Economics Society, University of Pennsylvania, 2007 – 2008.

### **Conferences organized**

Midwest Macroeconomics Meetings, Purdue University (May 2016).

Max Weber Lustrum Conference, European University Institute (June 2011).

Updated as of August 22, 2017.