

# Aubhik Khan

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## Experience

Professor of Economics, Ohio State University (June 2015 onward)

Associate Professor of Economics, The Ohio State University (October 2008 – May 2015)

Research Associate Federal Reserve Bank of Cleveland (2010 - 2014)

Visitor, Federal Reserve Bank of Minneapolis, August 2013, May 2014, April 2015

Visitor, Einaudi Institute for Economics and Finance, March 2012 and July 2013

Visitor, Cowles Foundation Macroeconomics Program, September 2009

Research Department, Federal Reserve Bank of Philadelphia

Senior Economic Advisor and Economist (September 2006 – September 2008)

Economic Advisor and Economist (January 2005 - August 2006)

Senior Economist (January 2002 – January 2005)

Economist (September 1998 – December 2001)

Visitor, Research Department, Federal Reserve Bank of Minneapolis, June 2004 – December 2004

Assistant Professor, Department of Economics, University of Virginia, September 1993 – May 1998

## Education

**Ph.D.:** University of Pennsylvania, August 1993

## Awards

National Science Foundation: ‘Debt, Default and Business Cycles with Heterogeneous Firms,’ 2014 – 2017 (SES-1357725, with Julia Thomas).

National Science Foundation: ‘Production Heterogeneity, the Allocation of Credit, and Aggregate Fluctuations,’ 2011 – 2014 (SES-1061859, with Julia Thomas).

## Research

- “Revisiting the Tale of Two Interest Rates with Endogenous Asset Market Segmentation,” with Julia Thomas, *Review of Economic Dynamics*. Vol. 18, No. 2 (2015), 243-68.
- ‘Credit Shocks and Aggregate Fluctuations in an Economy with Production Heterogeneity’ with Julia Thomas, *Journal of Political Economy*. Vol. 121, No. 6 (December 2013), 1055-1107.
- ‘Idiosyncratic shocks and the role of nonconvexities in plant and aggregate investment dynamics’ (with J.K. Thomas), *Econometrica*. Vol. 76, No. 2 (March, 2008), 395–436.
- ‘Adjustment Costs’ (with J. K. Thomas) in S.N. Durlauf and L.E. Blume, *The New Palgrave Dictionary of Economics Second Edition*, Palgrave Macmillan 2008.
- ‘Explaining inventories: a business cycle assessment of the stockout avoidance and (S, s) motives’ (with J.K. Thomas), *Macroeconomic Dynamics* Vol. 11, No. 5, November 2007.
- ‘Inventories and the business cycle: An equilibrium analysis of (S, s) policies’ (with J. K. Thomas), *American Economic Review* Vol. 97, No. 4, pages 1165 – 1188, September 2007.
- ‘Optimal Monetary Policy’ (with R.G. King and A. L. Wolman) *The Review of Economic Studies* (70), pages 825-860, October 2003.
- ‘Nonconvex Factor Adjustments in Equilibrium Business Cycle Models: Do Nonlinearities Matter?’ (with J. K. Thomas) *Journal of Monetary Economics* (50), pages 331-360, March 2003.
- ‘Costly Technology Adoption and Capital Accumulation’ (with B. Ravikumar) *Review of Economic Dynamics* (5), pages 489-502, April 2002.
- ‘Financial Development and Economic Growth’ *Macroeconomic Dynamics* (5), pages 413-433, June 2001.
- ‘Growth and Risk-Sharing under Private Information’ (with B. Ravikumar) *Journal of Monetary Economics* (47), pages 499-521, June 2001.
- ‘Are data on industry evolution and gross job turnover relevant for macroeconomics?’ (with A. Atkeson and L. Ohanian) in *Carnegie-Rochester Conference Series on Public Policy* (44), pages 215-250, June 1996.
- ‘Large Recessions in Quantitative Overlapping Generations Models with Unemployment Risk’ February 2017 working paper.
- ‘Default Risk and Aggregate Fluctuations in an Economy with Production Heterogeneity’ (with J.K. Thomas and T. Senga) October 2017 working paper.
- ‘Efficient Capital Accumulation and Distribution in an Economy with Private Information’ with Latchezar Popov and B. Ravikumar, January 2012 working paper.
- ‘Inflation and interest rates with endogenous market segmentation’ (with J. K Thomas) December 2011 working paper.

- ‘Inventory investment and aggregate fluctuations with idiosyncratic shocks’ with Julia Thomas, February 2010 working paper.
- ‘Endogenous Market Segmentation and the Volatility of House Prices,’ with Julia Thomas, February 2009 working paper.
- ‘Inventories and State-Dependent Pricing,’ with Julia Thomas and Tamon Takamura.
- ‘Three equations generating an industrial revolution?’ (with Michele Boldrin and Larry Jones), June 2004 working paper.

## Teaching

### Ohio State University

Graduate Macroeconomics I (Autumn 2008 - 2017)  
Quantitative Methods for Aggregative Economics (Winter 2010 – 2012, Autumn 2012 - 2017)  
Intermediate Macroeconomic Theory (undergraduate) (Winter 2012, Autumn 2017)  
Intermediate Microeconomic Theory (undergraduate) (Autumn 2013 - 2016)

### Stanford University

*Numerical Solution of Heterogenous Agent Models* (Graduate Minicourse, May 2012)

### University of Alicante

*Nonconvex Factor Adjustments in Dynamic Equilibrium Models* (Graduate Minicourse, Sept. 2004)

### University of Virginia

Graduate teaching: Macroeconomics I and II, Economic Dynamics, Topics in Growth Theory  
Undergraduate teaching: Intermediate Macroeconomics

## Professional Activities

National Science Foundation Advisory Panel 2012-2013, 2014, 2018

Co-Editor *The B.E. Journal of Macroeconomics*, January 2011-September 2012

### Seminars

**2017:** Iowa State University. **2015:** Duke University (October), Federal Reserve Bank of Minneapolis (May). **2014:** Georgetown University (March), University of Texas A&M (February). **2013:** Federal Reserve Bank of Richmond (December), Federal Reserve Bank of Minneapolis (August), Einaudi Institute for Economics and Finance (July), Federal Reserve Bank of San Francisco (April), North Carolina State University (April). **2012:** Vanderbilt University (October), Sveriges Riksbank (May), Wharton (April), University of Texas – Austin (April), Arizona State University (April). **2011:** University of Pennsylvania (November), Board of Governors of the Federal Reserve (November), Federal Reserve Bank of Cleveland (October), Boston University (September), University of Rochester (March), Université du Québec à Montréal (December). **2010:** Federal Reserve Bank of Cleveland (September), University of Oxford (May), University of Edinburgh (April), Federal Reserve Bank of San Francisco (March). **2009:** Washington University in St. Louis (December), Yale University (September), Bank of England (April). **2008:** Federal Reserve Bank of

Kansas City (March), Federal Reserve Bank of Philadelphia (August). **2007:** University of Warwick (December), University of Pennsylvania (October), Ohio State University (September). **2006:** Federal Reserve Bank of New York (November), Federal Reserve Bank of St. Louis (July). **2005:** Stern School, New York University (November), Villanova University (November). **2004:** University of Montreal (November), Bank of Canada (November), Pompeu Fabra University (September). **2003:** Iowa State University (October), University of Iowa (March), L'Université du Québec à Montréal (January). 2002: Indiana University (November), Carnegie-Mellon University (October), Yale University (October), University of Western Ontario (January). **2001:** Pennsylvania State University (December), Federal Reserve Bank of Minneapolis (April), Rutgers University (April). **2000:** SOAS, University of London (November), SUNY-Stony Brook (October), University of California, Riverside (March).

## Discussions

Dong and Wen (2018) 'Long and Plosser Meet Bewley and Lucas' Carnegie-Rochester-NYU Conference on Public Policy, April 2018

Ottonello and Winberry (2018) 'Financial Heterogeneity and the Investment Channel of Monetary Policy' 1<sup>st</sup> IMF Annual Macro-Financial Research Conference, March 2018

Elenev, Landvoigt and Van Nieuwerbergh, 'A Macroeconomic Model with Financially Constrained Producers and Intermediaries' *LAEF Advances in Macro Finance Conference*, Carnegie-Mellon, September 2016

Buera, Fattal-Jaef and Shin, 'Anatomy of a Credit Crunch: from Capital to Labor Markets' *Review of Economic Dynamics Conference on Money, Credit and Financial Frictions*, December 2013.

Bachmann and Ma, 'Lumpy investment, lumpy inventories' *CIREQ Conference on Macroeconomics*, Montreal, April 2012.

Gomes and Schmid, 'Credit Spreads and the Macroeconomy' *Linkages Between Macroeconomics and Finance*, Boston University, November 2010

Alessandria, Kaboski and Midrigan, 'Inventories, Lumpy Trade and Large Devaluations' ISIR Meeting, ASSA, January 2009

Cordoba and Ripoll, 'Credit Cycles Redux' Midwest Economics Association Meetings, March 2001

## Conferences

Society for Economic Dynamics, June 2018

North American Summer Meetings of the Econometric Society, June 2018

Midwest Macro Meeting, May 2018

ESRI, Japanese Government Cabinet Office, January 2018

2<sup>nd</sup> Workshop for Heterogeneous Macro Models, Kyoto, January 2018

Midwest Macro Meetings, November 2017

Society for the Advancement of Economic Theory, June 2017

Society for Economic Dynamics June 2017\

Midwest Macro Meetings, May 2017

ISIR Meeting, ASSA, January 2017

NBER Micro and Macro Perspectives of the Aggregate Labor Market, November 2016

Madison Wisconsin 7<sup>th</sup> Annual Conference on Money, Banking and Asset Markets, November 2016

North American Summer Meetings of the Econometric Society, June 2016

Econometric Society World Congress, August 2015

North American Winter Meetings of the Econometric Society, January 2015

Third Wharton Conference on Liquidity and Financial Crisis, October 2014

North American Summer Meetings of the Econometric Society June 2014

Macroeconomics and Financial Frictions Workshop, European University Institute, November 2013

Wisconsin School of Business 5<sup>th</sup> Annual Conference on Money, Banking and Asset Markets, Nov. 2013.

North American Summer Meetings of the Econometric Society June 2013  
Midwest Economics Association March 2013  
SITE 2011, Segment 5: Macroeconomics of Volatility and Uncertainty, Stanford, August 2011  
Philadelphia Workshop on Macroeconomics, University of Pennsylvania, April 2011  
Wisconsin School of Business 2nd Annual Conference on Money, Banking and Asset Markets, Nov. 2010.  
Advances in Macro-Finance Tepper/ LAEF Conference, Carnegie-Mellon University, October 2010  
New Micro-foundations for Macroeconomics Workshop, World Economy and Finance Research Programme, Warwick University, July 2009  
Conference on Money, Credit and Policy, Washington University in St. Louis, May 2008  
NBER Summer Institute (EFRSW), July 2007  
Cowles Foundation 75<sup>th</sup> Anniversary Macroeconomics Conference on Lumpy Adjustment, June 2007  
Philadelphia Workshop on Monetary and Macroeconomics, March 2007  
Canadian Macro Study Group, 2006  
Gerzensee Swiss National Bank/ *Journal of Monetary Economics* Conference 2006  
Society for Economic Dynamics, (2016, 2014, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000)  
Midwest Macro Meetings, (2016, 2015, 2014, 2012, 2009, 2008, 2007, 2006, 2004, 2002, 2000)  
NBER Summer Institute (Impulse and Propagation Workshop), July 2000  
Banco de Portugal Conference in Monetary Economics, June 2000

### **Program committees**

Society for Economic Dynamics Meetings 2006  
Midwest Macroeconomics Meetings 2008  
Econometric Society North American Summer Meetings 2013

### **Advising**

Ohio State University (advisor or first reader): Srinivasan Murali (Indian Institute of Management, Bangalore), Youngsoo Jang (Shanghai University of Finance and Economics), Heejeong Kim (Concordia University), Tatsuro Senga (Queen Mary, University of London), In Hwan Jo (University of Singapore), Korie Amberger (Pompeu Fabra post doc.), Minchul Yum (Mannheim), Jonghyeon Oh (Korea Institute of Public Finance), Lini Zhang (Central University of Finance and Economics), Yuko Imura (Bank of Canada), Aaron Popp (California State University Northridge), Shuhei Takahashi (University of Kyoto), Tamon Takamura (Bank of Canada), Takeki Sunakawa (Bank of Japan), In Ho Song (Korean Development Institute), Yi-Chan Tsai (University of Tokyo)

### **Referee**

American Economic Review, American Economic Journals Macroeconomics, B.E. Journals in Macroeconomics, Canadian Journal of Economics; Econometrica, Economica, Economic Theory European Economic Review, International Economic Review, Journal of Economic Dynamics and Control, Journal of European Economic Association, Journal of Macroeconomics, Journal of Monetary Economics, Journal of Money, Credit and Banking, Journal of Political Economy, Macroeconomic Dynamics, National Science Foundation, Review of Economic Dynamics, Review of Economic Studies, Scandinavian Economic Journal