HENGJIE AI

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Research and Teaching Interests
Financial Economics, Macroeconomics, Economic Theory.

Academic Positions

2012-present	Assistant Professor of Finance, Carlson School of Management, University of Minnesota.
2006-2012	Assistant Professor of Finance, Fuqua School of Business, Duke University

Education

2006	Ph.D.	Economics	University of Minnesota
2000	M.A.	International Economics	Remin University of China
1993	B.A.	World Economy	Wuhan University

Published and Forthcoming Papers

Investment and CEO Compensation under Limited Commitment, with Rui Li, *Journal of Financial Economics*, forthcoming.

Volatility Risks and Growth Options, with Dana Kiku, *Management Science*, forthcoming.

Growth to Value: Option Exercise and the Cross-Section of Equity Returns, with Dana Kiku, *Journal of Financial Economics*, Volume 107, Issue 2, 325-349, 2013.

Toward a Quantitative General Equilibrium Asset Pricing Model with Intangible Capital, with Mariano Croce and Kai Li, *Review of Financial Studies*, 26 (2), 491-530, 2013.

Information Quality and Long-run Risk: Asset Pricing Implications, *Journal of Finance*, vol 65, Issue 4, 1333-1367, August 2010.

Completed Working Papers

A Mechanism Design Model of Firm Dynamics: The Case of Limited Commitment, with Dana Kiku, and Rui Li (CICF Best Paper Award), R&R, *Review of Economic Studies*.

A Theory of Optimal Capital Structure and Endogenous Bankruptcy, with Barney Hartman-Glaser.

Production Based Term Structure of Equity Returns, with Mariano Croce, Anthony Diercks, and Kai Li (presented in AEA, WFA, EFA, and AFA).

A Mechanism Design Model of Firm Dynamics: Limited Commitment and Moral Hazard, with Dana Kiku, and Rui Li (previous version presented in UBC Winter Conference, CEPR at Gerzensee, ASU Winter Conference, and Tel Aviv Finance Conference).

Financial Intermediation and Capital Reallocation, with Kai Li and Fang Yang (presented at NBER Capital Markets 2014).

Work in Progress

Q-Theory with Dynamic Agency and Recursive Preferences, with Rui Li.
Aggregation in Economies with Homogenous Decision Rules.
Intangible Capital and the Value Premium in General Equilibrium.

Teaching

2013-2014: Derivatives (Undergraduate and MBA), University of Minnesota.
Advanced Corporate Finance Theory (PhD), University of Minnesota.

2006-2012: Derivatives, MBA elective, Fuqua School of Business, Duke University

2010-2012: Introduction to Finance, Ph.D. course, Fuqua School of Business, Duke University.

Ph.D. Dissertation Committee

Howard Kung, 2012 (UBC), Kai Li, 2013 (HKUST)

Conference Presentations

2015 American Financial Association Annual Meeting
Minnesota Macro-finance Conference
2015 Mitsui Finance Symposium
Western Finance Association Annual Meeting (paper accepted)
2015 AFR Summer Institute of Economics and Finance (paper accepted)
NBER SI 2015, Asset Pricing (paper accepted)
2015 China International Conference in Finance (paper accepted)
Econometric Society World Congress 2015 (paper accepted)
CSEF-EIEF-SITE Conference on Finance and Labor (paper accepted)

2014	ASU Sonoran Winter Finance Conference. Finance Down Under, University of Melbourne. Western Finance Association Annual Meeting (two papers). Econometric Society Summer Meeting (two papers). Society of Economic Dynamics Annual Meeting. NBER Summer Institute, Capital Markets.
2013	American Finance Association Annual Meeting 2013 Society of Financial Studies Cavalcade, 2013 Minnesota Macro Asset Pricing Conference, 2013 Northwestern Finance Conference, 2013 Macro Finance Workshop, 1st Meeting. CAPR & NFI Workshop on "Production Based Asset Pricing". Western Finance Association Annual Meeting, 2013 China International Conference in Finance, 2013 European Finance Association Annual Meeting.
2012	ASU Sonoran Winter Finance Conference 2012. UBC Winter Finance Conference. 2012 SFS Finance Cavalcade (scheduled) 2012 Mitsui Finance Symposium, University of Michigan. 2012 Western Finance Association Meeting. 2012 European Summer Symposium in Financial Markets, Gerzensee.
2011	TAU Finance Conference, Tele Aviv, Israel. NBER Capital Markets, Boston. American Finance Association Annual Meeting, Denver, CO 22nd Annual Conference of Finance Economics and Accounting Northern Finance Association Meeting, Vancouver.
2010	University of British Columbia Winter Finance Conference 21st Annual Conference of Finance Economics and Accounting Econometric Society World Congress, Shanghai, China Society of Economic Dynamics, Montreal, Canada
2009	Western Finance Association Annual Meeting, San Diego, CA
2008	Society of Economic Dynamics Annual Meeting, Boston, MA
2007	Western Finance Association, Annual Conference, Big Sky, MT
2005	Econometric Society World Congress 2005, London, UK Midwest Macroeconomics Meeting, Iowa City, Iowa
2004	Midwest Theory Meeting, St. Louis, Missouri North American Econometric Society Meeting, Rhode Island

Midwest Economic Association Annual Meeting, Chicago, Illinois

2003 Midwest Economic Theory Meeting, Bloomington, Indiana

Seminar Presentations

2015: Hong Kong University of Science and Technology (scheduled), Tsinghua University PBC School of Finance (scheduled), Shanghai Advanced Institute of Finance (scheduled), Shanghai University of Finance and Economics (scheduled), SAFE center at Goethe University Frankfurt (scheduled), University of Texas at Austin (scheduled).

2014: Georgia Institute of Technology, University of Cincinnati, University of Illinois at Urbana-Champaign, University of Rochester.

2013: University of Melbourne, University of Southern California, Federal Reserve Bank of Minneapolis.

2012: Utah State University, Temple University, University of Wisconsin at Madison at Madison, Cheung Kong Graduate School of Business, Remin University, Hanqing Institute, Central University of Finance and Economics.

2011: MIT Sloan School of Management, The University of New South Wales, University of Sydney, University of Technology Sydney, University of Calgary, University of Minnesota.

2010: East Carolina University, Federal Reserve Board.

2009: Department of Economics, University of North Carolina at Chapel Hill. Department of Economics, Duke University.

2008: The Federal Reserve Bank of Minneapolis, Wharton School, University of Pennsylvania.

2007: Northern Illinois University

2006: Carlson School of Management of University of Minnesota, Boston University, Duke University, University of Toronto, University of Illinois at Urbana Champaign, University of Iowa, Columbia University.

Conference Discussions:

2015: Impediments to Financial Trade: Theory and Measurement, by Nicolae Garleanu, Stavros Panageas, and Jianfeng Yu, *Minnesota Macro Asset Pricing Conference*.

Firm Characteristics, Consumption Risk, and Firm-Level Risk Exposures, by Robert Dittmar and Christian Lundblad, *SFS Finance Cavalcade*.

2014: Ramona Westermann, Measuring Agency Costs over the Business Cycle, *Northern Finance Association Meeting*, 2014

Adelino, Ma, and Robinson, Firm Age, Investment Opportunities, and Job Creation, *Minnesota Corporate Finance Conference*, 2014.

2013: Kogan and Papanikoloau, Technology Innovation: Winners and Losers, *NBER Asset Pricing, Spring 2013*.

Kondo and Papanikoloau, Innvoation Cycles, *European Summer Symposium in Financial Markets, CEPR, 2013* (scheduled).

2012: Bolton, Tano Santos, and Jose A. Scheinkman, Cream Skimming in Financial Markets, *Minnesota Corporate Finance Conference*.

Xiaoji Lin and Lu Zhang, Covariances, Characteristics, and General Equilibrium: A Critique, *the 2012 SFS Finance Cavalcade.*

Julien Hogonnier and Rodolfo Prieto, Arbitrageurs, Bubbles and Credit Conditions, *2012 Conference of the Financial Intermediation Research Society*.

2011: Ayse Imrohoroglu and Selale Tuzel, Firm Level Productivity, Risk and Return, *Western Finance Association Annual Meeting, 2011*.

Christopher S. Jones, and Selale Tuzel, New Orders and Asset Prices, *Western Finance Association Annual Meeting, 2011*.

George O. Aragon and Vikram Nanda, On Tournament Behavior in Hedge Funds: High Water Marks, Fund Liquidation, and the Backfilling Bias, *Western Finance Association Annual Meeting, 2011*.

2010: Hassan, T. and T. Mertens, "The Social Cost of Near Rational Investment", *Western Finance Association Annual Meeting, 2010*

Kogan, L. and D., Papanikoloau, "Growth Opportunities, Technology Shocks and Asset Prices", *American Finance Association Annual Meeting, 2010*.

2009: Avramov, D. and S. Hore, "Momentum, Information Uncertainty, and Leverage - an Explanation Based on Recursive Preferences", *American Finance Association Annual Meeting, 2009*.

2008: Chen, H, M.T. Kacperczyk and H. Ortiz-Molina, "Labor Unions and Expected Stock Returns," *American Finance Association Annual Meeting, 2008*.

2007: Garleanu, N. and S. Panageas, "Young, Old, Conservative and Bold: The Implications of Heterogeneity and Finite Lives for Asset Pricing", *Duke/UNC Asset Pricing Conference, 2007*.

Referee:

Annals of Finance, Econometrica, Economic Theory, Financial Research Letters, Journal of Computational Economics, Journal of Economic Dynamics and Control, Journal of Finance, Journal of Financial Economics, Journal of Financial Intermediation, Journal of Monetary Economics, Journal of Political Economy, Management Science, Macroeconomic Dynamics, Quarterly Journal of Economics, Review of Economic Dynamics, Review of Finance, Revue Finance, Review of Financial Studies, Scandinavian Journal of Economics.

Services:

Conference Program Committees
Western Finance Association Annual Meeting, Program Committee Member, 2006-2015.
European Finance Association Annual Meeting, program committee member, 2013-2015.
Society of Financial Studies Cavalcade program committee member, 2014-2015.
Midwest Finance Association Meeting, Committee Member, 2013-2015.
Duke-UNC Asset Pricing Conference, 2012, co-organizer.

Conference Session Chair
Society of Financial Studies Cavalcade 2015.
The Financial Intermediation Research Society Meeting 2015.
Western Finance Association Annual Meeting, 2013.
American Economic Association Annual Meeting, 2013.

Research group membership
Finance theory group, member since 2013.
Macro-finance society, member since 2012.

Service at the University Level
University of Minnesota, Carlson School of Management
- Seminar co-organizer, 2013/2014.
- Recruiting committee, 2013.

Duke University, Fuqua School of Business
- Co-organizer, Fuqua Finance Seminar, 2006/2007, 2010/2011
- Organizer, Fuqua Finance Brown-bag Seminar, 2007, 2011
- Recruiting Committee, 2009/2010