

HYUNJOONG (WILLIAM) IM

SSRN Author Page:

<http://ssrn.com/author=1081350>

School Home Page:

<http://english.phbs.pku.edu.cn/index.php?m=content&c=index&a=show&catid=627&id=63>

Contact Details:

Address	Peking University HSBC Business School (PHBS) University Town, Nanshan District, Shenzhen, 518055, P.R. CHINA
Email	hyun.im@phbs.pku.edu.cn (Work) dearwilliam@gmail.com (Personal)
Phone	+86 755 2603 3627 (Office) +86 186 1386 1335 (Mobile)
Residential Status	South Korean Citizen Australian Permanent Resident Visa Chinese Work Visa

Current Position:

2014.8-Present	Peking University HSBC Business School (PHBS) Assistant Professor of Finance
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Previous Appointments:

2012.8-2014.8	Assistant Professor of Finance, Renmin University of China
2017.8	Visiting Scholar, University of Queensland (UQ)
2016.10	Visiting Scholar, University of New South Wales (UNSW)
2016.8-2016.9	Visiting Scholar, Nanyang Technological University (NTU)
2016.1-2016.2	Visiting Scholar, Nanyang Technological University (NTU)
2015.7-2015.8	Visiting Scholar, University of New South Wales (UNSW)
2014.1-2014.2	Visiting Scholar, Nuffield College and Saïd Business School, University of Oxford

Education:

2006.9-2012.7	University of Oxford <i>Saïd Business School and Wolfson College</i> DPhil & MSc in Financial Economics <ul style="list-style-type: none">• Thesis title: <i>Essays in Corporate Finance</i>• Advisors: Steve Bond and Oren Sussman• Examiners: Thomas Noe (Internal) and Stefano Rossi (External)• DPhil degree awarded: July 2012• MSc degree awarded with Distinction: July 2007
2004.7-2006.7	University of Sydney <i>University of Sydney Business School</i> MCom (Hons) in Finance and Economics (with <i>First Class Honours</i>)
1993.3-1999.2	Korea University <i>College of Political Science and Economics</i> Bachelor of Economics (<i>Major: Statistics, Minor: Economics</i>)

Research Interests:

Corporate Finance

- Capital Structure and Corporate Financing Decisions
- Corporate Investment Decisions
- Corporate Innovation
- Corporate Cash Holdings
- Corporate Payout Decisions
- Macroeconomic Implications of Corporate Finance
- Effects of Stock Markets on Corporate Decisions

Banking

- Industrial Organization Approach to Banking
- Bank-Firm Relationship
- Capital Structure of Banks
- Macroeconomic Consequences of Financial Imperfections
- Regulation of Banks

Applied Econometrics

- Uncertainty: Measurement and Implications
- Forecasting Evaluation and Comparisons
- Dynamic Econometrics in Corporate Finance

Published Papers:

1. “Product Market Competition and the Value of Innovation: Evidence from US Patent Data”
(with Young Joon Park and Janghoon Shon), *Economics Letters*, 137, 78-82, 2015.

2. “Sticky Dividends: A New Explanation” (with Chang Y. Ha and Ya Kang), *Finance Research Letters*, Forthcoming, 2017.

3. “Uncertainty and the Value of Cash Holdings” (with Heungju Park and Gege Zhao), *Economics Letters*, 155, 43-48, 2017.

Working Papers:

1. “Investment Spike Financing” (with Colin Mayer and Oren Sussman)

- *Financial Management Association (FMA) Annual Meeting, Boston, USA, 2017*
- *Financial Intermediation Research Society (FIRS) Conference, Hong Kong, 2017*
- *Asian Finance Association (AsFA) Annual Meeting, Seoul, Korea, 2017*
- *Financial Management Association (FMA) European Conference, Lisbon, Portugal, 2017*
- *PKU-NUS Annual International Conference on Quantitative Finance and Economics, Suzhou, China, 2017*
- *China Finance Review International Conference (CFRIC), Shanghai, China, 2015*
- *Australasian Finance and Banking Conference (AFBC), Sydney, Australia, 2014*
- *China Economic Association (CEA) Conference, Shenzhen, China, 2014*
- *Oxford-Cambridge-Warwick Spring Doctoral Conference, Cambridge, UK, 2010, **Winner of the Best Paper Award***
- *Oxford Saïd Business School Winter Doctoral Conference, Oxford, UK, 2010, **Winner of the Best Paper Award***
- *American Finance Association (AFA) Annual Meeting*, Philadelphia, USA, 2005*
- *University of Oxford, Saïd Business School**
- *Seoul National University, College of Business Administration*
- *Based on Chapters 3 and 4 of my doctoral dissertation at the University of Oxford titled **“Essays in Corporate Finance”** and Colin Mayer and Oren Sussman’s working paper titled **“A New Test of Capital Structure”***

This is one of the most comprehensive studies to date to employ filtering techniques to distinguish between routine and “investment spike” financing. It records marked differences in how US publicly traded firms finance the two types of investments. The funding of investment spikes depends particularly on external, predominantly debt, finance. Smaller, less profitable firms with greater growth opportunities, fewer tangible assets, and larger R&D expenditures use more equity finance. Results are consistently observed across industries, but vary over business cycles, by firm types, and between acquisitions and capital expenditures. The results have important implications for existing corporate finance theories.

2. “The Effect of Stock Liquidity on Debt-Equity Choices” (with William Cheung and Bohui Zhang)

- *China International Conference in Finance (CICF), Hangzhou, China, 2017*
- *Asian Finance Association (AsFA) Annual Meeting, Seoul, Korea, 2017*
- *Financial Management Association (FMA) European Conference, Lisbon, Portugal, 2017*
- *PKU-NUS Annual International Conference on Quantitative Finance and Economics, Suzhou, China, 2017*
- *Financial Management Association (FMA) Annual Meeting, Chicago, USA, 2013*
- *Australasian Finance and Banking Conference (AFBC), Sydney, Australia, 2013*
- *Oxford-Cambridge-Warwick Spring Doctoral Conference, Coventry, UK, 2011*
- *University of Oxford, Saïd Business School*
- *BI Norwegian Business School*
- *Renmin University of China, Hanqing Advanced Institute of Economics and Finance*
- *Renmin University of China, School of Business*
- *Korea University Business School*
- *Korea University, Department of Economics*
- *Seoul National University, College of Business Administration*
- *Yonsei University, School of Business*
- *Australian National University, College of Business and Economics*
- *University of Melbourne, Faculty of Business and Economics*
- *Peking University HSBC Business School*
- *University of Queensland Business School*
- *Based on the working paper titled “[Does Share Liquidity Increase the Propensity to Raise Debt Finance?](#)” and Chapters 5 and 6 of my doctoral dissertation at the University of Oxford titled “[Essays in Corporate Finance](#)”*

We examine the effect of stock liquidity on a firm’s choice between debt and equity when funding its investment activities. Using decimilization regulations and Russell index reconstitutions as shocks to liquidity, we show that stock liquidity increases the firm’s propensity to raise debt capital rather than equity capital. We also find support for two economic mechanisms underlying the positive impact of stock liquidity on debt financing: a higher sensitivity of the cost of debt capital to stock liquidity than that of the cost of equity capital and an exposure to hostile takeovers. These findings provide new insights into the effect of stock liquidity on capital structure.

3. “Uncertainty, Major Investments, and Capital Structure Dynamics” (with Chang Y. Ha and Janghoon Shon)

- *Asian Finance Association (AsFA) Annual Meeting*, Seoul, Korea, 2017*
- *Financial Management Association (FMA) Annual Meeting, Las Vegas, USA, 2016*
- *Financial Management Association (FMA) Asia Pacific Conference, Sydney, Australia, 2016*
- *World Finance Conference (WFC)*, New York, USA, 2016*

This study examines the effects of uncertainty on firms’ capital structure dynamics. We find that high-uncertainty firms have significantly lower leverage targets and significantly higher adjustment speeds toward targets than low-uncertainty firms, and that over-levered firms faced with high uncertainty have much higher adjustment speeds than those with low uncertainty, while under-levered firms’ adjustment speeds are not influenced by uncertainty. Comparing over-levered and under-levered firms’ adjustment speeds during major and routine investment periods reveals that over-levered firms with high uncertainty converge to their targets

substantially faster to avoid bankruptcy threat, while those with low uncertainty tend to deviate from their targets due to transitory-debt-financed major investments, thereby reconciling two opposing leverage dynamics documented in the literature. On the other hand, under-levered firms with high uncertainty converge to their targets more slowly than those with low uncertainty due to the increased value of the option to wait and see. We provide some evidence that both bankruptcy threat and real option channels could account for the findings.

4. “Economic Policy Uncertainty and Peer Effects in Corporate Investment Policy: Evidence from China” (with Ya Kang and Young Joon Park)

- *China Meeting of the Econometric Society (CMES)*, Wuhan, China, 2017*
- *Asian Meeting of the Econometric Society (AMES), Hong Kong, 2017*
- *Financial Management Association (FMA) Asia Pacific Conference, Taipei, Taiwan, 2017*
- *PKU-NUS Annual International Conference on Quantitative Finance and Economics*, Suzhou, China, 2017*

This study investigates whether economic policy uncertainty magnifies peer effects in corporate investment decisions, and whether this could lead to industry-wide investment inefficiency, using data for Chinese manufacturing firms over the period 1999-2013. First, we show that peer firms have significant causal effects on Chinese manufacturing firms' investment policies. Second, we provide evidence that economic policy uncertainty magnifies peer effects in corporate investment decisions, and identify the channels of such effects. Finally, we show that this effect is more pronounced in the under-investment sample, suggesting that economic policy uncertainty could exacerbate industry-wide under-investment problems through peer effects.

5. “The Effect of Technological Imitation on Corporate Innovation” (with Yang Liu and Janghoon Shon)

- *Revise and Resubmit at Research Policy*

Using the US patent data for the period 1977-2005, we find that there are inverted U-shaped relationships between the degree of industry-level technological imitation and industry-level innovation activities, and between the degree of industry-level technological imitation and the value of firm-level innovation. Our results suggest that positive externalities from the interactions among firms during the process of innovation dominate the negative effects of free-riding concerns on firms' innovation activities and incentives to innovate up to quite a high degree of technological imitation, while the free-riding concerns dominate the positive externalities when the level of technological imitation is extremely high.

Papers in Progress:

1. “Asymmetric Peer Effects in Capital Structure Dynamics” (with Kose John and Ya Kang)

- *Australasian Finance and Banking Conference (AFBC)*, Sydney, Australia, 2015*

2. “Taxes and Investment Efficiency” (with Chang Y. Ha, Jun-Koo Kang, and Fangbo Si)

3. “The Effect of Corporate Governance on the Value of Corporate Social Performance” (with Sangeun Ha and Meng Zhao)

4. “The Effect of Institutional Investors on the Value of Cash Holdings: Evidence from Russell Index Reconstitutions” (with Heungju Park and Shams Pathan)

5. “Do CSR Investments Make Corporate Innovation More Valuable?” (with Yuan Tian and Meng Zhao)

6. “Stock Liquidity and Investment Efficiency” (with William Cheung and Srinivasan Selvam)

7. “The Effect of Corporate Innovation on the Value of Cash Holdings: Evidence from the 1995 TRIPS Agreement” (with Alexander Vadilyev and Gege Zhao)

8. "Stock Liquidity and the Value of Innovation" (with Kelvin Tan)

9. "The Effect of Institutional Ownership on Corporate Venture Capital: Evidence from Index Thresholds" (with Seungho Choi and Keongtae Kim)

Conference Participation:

Financial Management Association (FMA) International Annual Meeting, Boston, USA, 2017 (Paper/ Discussion)

China International Conference in Finance (CICF), Hangzhou, China, 2017 (Paper)

Financial Intermediation Research Society (FIRS) Conference, Hong Kong, 2017 (Paper)

Asian Finance Association (AsFA) Annual Meeting, Seoul, Korea, 2017 (3 Papers/ Discussion)

Financial Management Association (FMA) European Conference, Lisbon, Portugal, 2017 (2 Papers/ Discussion)

China Meeting of the Econometric Society (CMES), Wuhan, China, 2017 (Paper)*

Asian Meeting of the Econometric Society (AMES), Hong Kong, 2017 (Paper/Session chair)

Financial Management Association (FMA) Asia Pacific Conference, Taipei, Taiwan, 2017

(Paper/Discussion)

PKU-NUS Annual International Conference on Quantitative Finance and Economics, Suzhou, China, 2017

(3 Papers/Session chair/Discussion)

Financial Management Association (FMA) International Annual Meeting, Las Vegas, USA, 2016 (Paper)

World Finance Conference (WFC), New York, USA, 2016 (Paper)*

Financial Management Association (FMA) Asia-Pacific Meeting, Sydney, Australia, July 2016

(Paper/Discussion)

Australasian Finance and Banking Conference (AFBC), Sydney, Australia, December 2015 (Paper)*

China Finance Review International Conference (CFRIC), Shanghai, China, 2015 (Paper)

Australasian Finance and Banking Conference (AFBC), Sydney, Australia, December 2014

(Paper/Session chair/ Discussion)

China Economic Association (CEA) Conference, Shenzhen, China, December 2014 (Paper/ Discussion)

Australasian Finance and Banking Conference (AFBC), Sydney, Australia, December 2013

(Paper/Discussion)

Financial Management Association (FMA) International Annual Meeting, Chicago, USA, October 2013

(Paper/Session chair/Discussion)

Journal of Corporate Finance Special Issue Conference on Family Firm Governance, Renmin University of China, Beijing, China, June 2013 (Session chair)

Young Scholars Conference on Corporate Finance and Governance, Renmin University of China, Beijing, China, June 2013 (Session chair)

American Finance Association (AFA) Annual Meeting, Chicago, USA, 2012

Oxford-Cambridge-Warwick Spring Doctoral Conference, Coventry, UK, 2011 (Paper)

Oxford-Cambridge-Warwick Spring Doctoral Conference, Cambridge, UK, 2010 (Paper)

Oxford Saïd Business School Winter Doctoral Conference, Oxford, UK, 2010 (Paper)

American Finance Association (AFA) Annual Meeting, San Francisco, USA, 2009

(* presented by a coauthor)

Teaching Experience:

Peking University HSBC Business School

Theoretical Foundations of Corporate Finance (MSc), Instructor, 2014-2015, 2015-2016, 2016-2017

Empirical Asset Pricing (MSc), Instructor, 2014-2015, 2015-2016, 2016-2017

Empirical Banking (MSc), Instructor, 2015-2016

Renmin University of China

Corporate Finance Theory (MPhil, PhD), Instructor, 2013-2014

Financial Derivatives (International MBA), Instructor, 2013-2014

University of Oxford Saïd Business School

Financial Management (BA Hons. E&M), Tutor, 2009-2010, 2010-2011

Finance (BA Hons. E&M), Tutor, 2009-2010

Macroeconomics (MBA/EMBA), Teaching Assistant, 2008-2009, 2009-2010, 2010-2011

Finance I (MBA/EMBA), Teaching Assistant, 2007-2008, 2008-2009

Corporate Valuation (MBA/EMBA/MFE), Teaching Assistant, 2007-2008

Fixed Income & Derivatives (MFE), Teaching Assistant, 2007-2008

Professional Qualification:

2004/2005	Passed Levels 1 & 2 exams of CFA (Chartered Financial Analysts) program
1996/1997	Passed the 41 st National Higher Civil Service Exam (Specialization: Finance and Economics) with the second highest score in Korea

Non-academic Experience:

2002-2004	General Manager, Korea Development Bank-Lone Star Co., Ltd. <ul style="list-style-type: none">Managed a corporate restructuring fund (acquired Morning Glory Co., Ltd.; acted as outside director of Morning Glory Co., Ltd.; succeeded in revitalizing the company)Advised various M&A deals involving distressed bank loans for sell-side financial institutions
2001-2002	Equity Analyst, Samsung Investment Trust Management Co., Ltd. <ul style="list-style-type: none">Analyzed macroeconomic variables, monitored overseas stock markets, and advised on asset allocation strategies for equity funds managed by Samsung Investment Trust Management Co., Ltd.
1998-2001	Deputy Director, Ministry of Finance and Economy, South Korea <ul style="list-style-type: none">Economic Policy Coordination Division Coordinated affairs related to Economic Ministers' Meetings and Economic Vice-ministers' MeetingsIndustry and Tariff Policy Division Analyzed the effects of tariff policies on corresponding industriesInternational Tariff and Customs Division Represented Republic of Korea at APEC Subcommittees on Tariff Liberalizations and Customs Procedures
1998-1999	Part-time Lecturer, Hanlim Institute of Laws and Public Administration <ul style="list-style-type: none">Lectured Microeconomics, Macroeconomics, Statistics, and Public Economics for the High Civil Service Examination

Honours, Scholarships, and Fellowships:

2010	Best Paper Award, Winter Doctoral Conference, Saïd Business School, University of Oxford
2010	Best Paper Award, Oxford-Cambridge-Warwick Business Schools Spring Doctoral Conference, Judge Business School, University of Cambridge
2008-2011	Saïd Business School Foundation Scholarship (Full Scholarship)
2008-2012	Ilun Science & Technology Foundation Scholarship
2007-2012	Saïd Business School Doctoral Teaching Fellowship
2007-2008	Man Group Plc. Scholarship (Tuition Scholarship)
2010	Saïd Business School SEIB Research Funds
2010	Accenture Research Funds
2007	Dean's List 2007, Saïd Business School, University of Oxford
2006-present	Member of an international honor society Beta Gamma Sigma

2006	Australian Government (HECS) Scholarship
2005	Econometrics Discipline Prize for the Best Student in Financial Econometrics, University of Sydney
1997	Passed the 41 st National Higher Civil Service Exam (Specialization: Finance and Economics) with the second highest score in Korea
1993-1998	Chungsoo Scholarship; Boryeong Scholarship; Korea University Scholarship

Other Skills:

Language	English (fluent); Korean (native); Written Chinese and Japanese (basic)
Computing	MATLAB, STATA, SAS, E-views, R and LATEX
Database	COMPUSTAT, CRSP, TAQ, Datastream, I/B/E/S, Capital IQ, CSMAR, WIND, Dealscan etc.
Statistics	Competent with large panel data and time series data

Professional Membership:

American Finance Association
European Finance Association
Financial Management Association
Western Finance Association
The CFA Institute

Journal Referees

Asia-Pacific Journal of Financial Studies
Economics Letters
Finance Research Letters
Pacific Basin Finance Journal
Journal of Money and Finance

Professional Services:

Member of Curriculum Committee at Peking University HSBC Business School,
September 2014-Present
Member of Research Committee at Peking University HSBC Business School, March
2017-Present
Review Committee Member at Financial Management Association International Annual
Meeting, Orlando, USA, October 2015
Review Committee Member at Financial Management Association Asian Meeting, Seoul,
Korea, June 2015
Finance Seminar Organizer, Hanqing Advanced Institute of Economics and Finance,
Renmin University of China, Semester 1, 2012-2013

References:

Professor Steve Bond

Nuffield College, Department of Economics, and Centre for Business Taxation,
University of Oxford
Tel. +44 (0)1865 278 674
Email. steve.bond@economics.ox.ac.uk

Professor Jun-Koo Kang

Canon Professorship in Finance & Distinguished Professor of Finance
Nanyang Business School
Nanyang Technological University
Tel. +65 6790 5662
Email. jkkang@ntu.edu.sg

Professor Colin Mayer

Peter Moors Professor of Management Studies (Finance)
Saïd Business School
University of Oxford
Tel. +44 (0)1865 288 811
Email. colin.mayer@sbs.ox.ac.uk

Professor Thomas Noe

Ernest Butten Professor of Management Studies (Finance)
Saïd Business School
University of Oxford
Tel. +44 (0)1865 288 933
Email. thomas.noe@sbs.ox.ac.uk

Professor Oren Sussman

Reader in Finance
Saïd Business School
University of Oxford
Tel. +44 (0)1865 288 926
Email. oren.sussman@sbs.ox.ac.uk

Professor Bohui Zhang

Professor of Finance
UNSW Business School
University of New South Wales
Tel. +61 (0)2 9385 5834
[Email. bohui.zhang@unsw.edu.au](mailto:bohui.zhang@unsw.edu.au)

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