

JIAQIAN (JACK) CHEN

LONDON SCHOOL OF ECONOMICS & POLITICAL SCIENCE

Department of Economics

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DATE OF BIRTH: 29 Oct. 1984

SEX: Male

CITIZENSHIP: Chinese

PREDOCTORAL STUDIES:

2006 – 2007 M.Sc. Econometrics and Mathematical Economics, LSE (Distinction)
2003 – 2006 B.Sc. (Hons) Mathematics and Economics, LSE
1998 – 2003 A-levels and GCSEs, Repton School, U.K.

GRADUATE STUDIES:

LONDON SCHOOL OF ECONOMICS

DATES: 2007 - present

THESIS TITLE: "Firm Productivity and the Current Account: One Country with Two Financial Markets"

EXPECTED COMPLETION DATE: June 2012

THESIS ADVISOR AND REFERENCES:

Danny Quah (Advisor)
Department of Economics
London School of Economics
Houghton Street
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Oliver Linton (Advisor)
Faculty of Economics
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Patrick Imam
International Monetary Fund
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Giuseppe Vera
Bank of England
Macro-Financial Analysis Division
Threadneedle Street
London, EC2R 8AH, U.K.
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DESIRED TEACHING AND RESEARCH:

Primary Fields: International Macroeconomics, Macro-Finance, Chinese Economy

Secondary Fields: Econometric Theory, Applied Econometrics

TEACHING AND TUTORING EXPERIENCE:

2010 – Present Undergraduate and General Course Student Tutor, LSE
2009 – 2010 M.Sc. Macroeconomics, LSE
Summer 2009 Global Economy, LSE/Peking University Summer School
2007 – 2008 Undergraduate Principle of Econometrics, LSE

RELEVANT POSITIONS HELD:

Summer 2011 PhD Internship, Bank of England
Summer 2010 Internship, International Monetary Fund
2009 – Present Tutorial Fellow, LSE
2008 – Present Research Assistant for Dr. Ruth Kattumuri, Asia Research Centre LSE
2008 – Present Research Assistant for Prof. Oliver Linton, Cambridge
2007 – Present Research Assistant for Prof. Danny Quah, LSE
Summer 2005 Internship, Bank of China
Winter 2005 Internship, PricewaterhouseCoopers
Summer 2004 Internship, Motorola China
2003 – Present Under Prof. Quah's guidance, collected and analyzed research data in China

HONORS, SCHOLARSHIPS AND FELLOWSHIPS:

2011 – Present Modi-Narayanan Fellowship
2009 – Present Tutorial Fellow, Economics Department, LSE
2007 – 2010 LSE Research Studentship

ACADEMIC ACTIVITIES:

Invited presentations: 7th PhD Meeting, Royal Economic Society & Queen Mary University, Jan 2012; 3rd Workshop on Money, Macro and Finance in East Asia, Deutsche Bundesbank, Dec 2011; Research Seminar, Bank of England, Oct 2011; Macroeconomics Workshop, LSE, Oct 2011; China: Prospects and Challenges to 2020, Nottingham University, Sept 2011; Unobserved Factor Models Conference, Cemmap London, Nov 2008; Econometrics Workshop, LSE, Oct 2008.

Referee for: *The Econometrics Journal* and *Journal of Econometrics*
Member of: Asia Research Centre, LSE

LANGUAGES

English (fluent spoken and written), Chinese (native)

COMPLETED PAPERS:

Job Market Paper:

Firm Productivity and the Current Account: One Country with Two Financial Markets

This paper relates China's current account surplus, as well as productivity differential between state-owned (SOEs) and privately-owned enterprises (POEs), to differences in access to finance. I consider an open-economy DSGE model of the Chinese economy with two productive sectors. I model SOEs and POEs as start-ups which need to borrow in order to begin production. Following a policy-induced asymmetric shock to the borrowing constraints, SOEs are on average less productive than POEs. Because of the lower hurdle rate for investment they face, SOEs end up creating more investable assets than POEs, while, due to more constrained credit availability, POEs save more and invest less than SOEs. In aggregate, this simple mechanism implies investment (driven by less productive SOEs) does not keep up with savings (driven by more productive POEs), resulting in a current account surplus. Furthermore, the savings of Chinese POEs' owners in search of investable foreign assets put downward pressure on the world long run real interest rate. Earlier literature either discusses China's current account and productivity differentials separately, or assumes one phenomenon to explain the other. My paper shows that they could jointly be explained in general equilibrium by preferential access to credit for government backed firms.

Other Papers/Publications:

Causes of Asset Shortages in Emerging Markets; (joint with P. Imam) IMF Working Paper WP/11/114

This paper illustrates that emerging markets face a shortage of financial assets, with financial assets not growing as rapidly as domestic savings. We then estimate the asset shortage in Emerging Markets (EMs) for the period 1995-2008. We test econometrically the cases of asset shortages and conclude with the policy implications.

Consequences of Asset Shortages in Emerging Markets; (joint with P. Imam) forthcoming IMF Working Paper

In this paper we econometrically test the implication of asset shortages in EMs, and confirmed that these shortages lead to long-run economic slow-down; an asset bubble; a higher likelihood of crisis and current account imbalance. Also a model was constructed to support the empirical findings.

Graduating to the Public Bond Market; Bank of England Quarterly Bulletin, 2011 Q4, pp.323

Determine the Number of Factors with Missing Data; working paper

Proposed a model selection criterion to select optimally the number of factors with unbalanced panel data.

RESEARCH IN PROGRESS:

Is China Saving Too Much in the Context of the Current Global Imbalances; work in progress

What do Monitors Monitor?; (joint work with Giuseppe Vera) work in progress

Technology vs. Productivity; (joint work with D. Quah) work in progress

Non-parametric Regression with Interactive Fixed Effect; (joint work with O. Linton) work in progress