

# SHARIF F. KHAN

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**University Address:**

Queen's University  
Department of Economics  
Dunning Hall  
Kingston, ON  
K7L 3N6, Canada

E-mail: [khans@econ.queensu.ca](mailto:khans@econ.queensu.ca)

URL: <http://ged.econ.queensu.ca/pub/students/khans/>

**Mailing Address:**

477 Lancaster St. W, Unit 35  
Kitchener, Ontario  
N2K 1L7, Canada  
Cell Phone: 613-583-7478  
Home Phone: 519-954-3474  
Fax: 519-888-1015

**Personal Information**

**Citizenship:** Canadian

## EDUCATION

- Ph.D. in Economics, Queen's University, ON, Canada, expected in June 2009.
- M.A. in Economics, York University, ON, Canada, 1999.
- M.S. Student in Economics, North South University (NSU), Dhaka, Bangladesh, 1997-1998.
- B.S. in Economics, NSU, Dhaka, Bangladesh, 1996.

## SUMMER SCHOOLS

- Summer School in "Applied Economics – Programming in MATLAB" (SEEC2008), Department of Economics and Quantitative Methods, University of Lecce, Italy, July 28-Aug 1, 2008.

## RESEARCH FIELDS

- **Primary:** Macroeconomics, International Economics and Development.
- **Secondary:** Applied Econometrics, Labor and Public Economics.

## DISSERTATION

**Title:** *International Real Business Cycles, Investment-Specific Technology Shocks and Factor Markets Rigidity*

**Supervisors:** Professor Beverly Lapham and Professor Huw Lloyd-Ellis.

## JOB MARKET PAPER

*A Two-Sector International Real Business Cycles Model with Investment-Specific Technology Shocks*

## WORKING PAPERS

- *International Real Business Cycles, Capital Rigidity and Investment-Specific Technology Shocks*
- *The Roles of Investment-Specific Technology Shocks and Capital Rigidity in Explaining the Volatility of the Terms of Trade*

## WORKS IN PROGRESS

- *A two-sector real business cycles model with investment-specific technology shocks and limited factor mobility*
- *A two-sector international real business cycles model with investment-specific technology shocks and limited factor mobility*
- *International transmissions of the fiscal and monetary policies in a two-sector international business cycles model*
- *Macroeconomics of Micro-Credit: An Evaluation of Micro-credit Programs in Bangladesh in a dynamic general equilibrium framework*

## TEACHING FIELDS

- **Graduate:** Macroeconomics, International macroeconomics, International Trade, International Business, International Finance, Trade and Public Policy, Managerial/Business Economics and Development Economics.
- **Undergraduate:** Macroeconomics, Monetary Economics, Microeconomics, International Economics, International Business, Managerial/Business Economics, Public Economics, Trade and Public Policy, Environmental Economics, Labor Economics, Industrial Organization, Game Theory, Development Economics, Financial Economics, Econometrics/Quantitative Methods, Applied Econometrics, Business Statistics and Mathematical Economics.

## TEACHING EXPERIENCE

### Instructor for Graduate courses

Fall 2007      *Macroeconomics I, Wilfrid Laurier University*

### Teaching Assistant for Graduate Courses

Fall 2002      *International Trade, Queen's University*

### **Instructor for Undergraduate courses**

Winter 2009	<i>Environmental Economics</i> (two sections), Wilfrid Laurier University
Fall 2008	<i>International Finance</i> (two sections), Wilfrid Laurier University
Summer 2008	<i>Microeconomic Theory II</i> , Wilfrid Laurier University
Summer 2008	<i>International Economics II</i> , York University
Winter 2008	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.
Winter 2008	<i>Microeconomic Theory II</i> (two sections), Wilfrid Laurier University
Winter 2008	<i>Advanced Macroeconomics</i> , Wilfrid Laurier University
Fall 2007	<i>Introductory Macroeconomics</i> , (correspondence course), Queen's Univ.
Fall 2007	<i>International Finance</i> , Wilfrid Laurier University
Spring 2007	<i>Macroeconomic Theory</i> , Queen's University
Winter 2007	<i>Macroeconomic Theory</i> , Queen's University
Winter 2007	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.
Winter 2007	<i>Economics of Free Trade Areas</i> , York University
Fall 2006	<i>Introductory Macroeconomics</i> , (correspondence course), Queen's Univ.
Summer 2006	<i>Intermediate Macroeconomics II</i> , York University
Summer 2006	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.
Winter 2006	<i>Economics of Free Trade Areas</i> , York University
Winter 2006	<i>Microeconomics II</i> , Royal Military College of Canada
Winter 2006	<i>International Monetary Economics</i> , Ryerson University
Winter 2006	<i>International Business</i> , Ryerson University
Winter 2006	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.
Fall 2005	<i>Microeconomics I</i> , Royal Military College of Canada
Fall 2005	<i>Introductory Macroeconomics</i> , (correspondence course), Queen's Univ.
Summer 2005	<i>Principles of Macroeconomics</i> , York University
Summer 2005	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.
Winter 2005	<i>Public Finance I</i> , Royal Military College of Canada
Winter 2005	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.
Fall 2004	<i>International Trade</i> , Royal Military College of Canada
Fall 2004	<i>Introductory Macroeconomics</i> , (correspondence course), Queen's Univ.
Fall 2004	<i>Introductory Macroeconomics</i> , Ryerson University
Summer 2004	<i>Introductory Microeconomics</i> (correspondence course), Queen's Univ.

### **Teaching Assistant for Undergraduate Courses**

Fall 2004	<i>Intermediate Micro-Economics I</i> , York University
1999-2002	<i>International Trade, Topics in Macroeconomic Theory, Economic Aspects of Selected Social Issues, Macroeconomic Theory and Principles of Economics</i> , Queen's University
1998-1999	<i>Introduction to Microeconomics and Macroeconomics, Intermediate Macro-Economics I, International Trade I and Use of Economics Data</i> , York University

## **AWARDS, FELLOWSHIPS AND SCHOLARSHIPS**

1999-2003	Queen's Graduate Fellowships, Queen's University
1999-2003	Tuition Fees Bursary, Queen's University
1998-1999	Entrance Scholarship, York University
1998-1999	International Tuition Fee Scholarship, York University
1993-1998	Full Tuition Waiver, North South University
1995-1996	IDESS Fellowship Award, North South University
1993-1996	Dean's List, North South University
1994	President's List of Scholars, North South University
1992	Merit Scholarship, Government of Bangladesh
1990	Merit Scholarship, Government of Bangladesh

## **CONFERENCE PRESENTATIONS**

### **“A Two-Sector International Real Business Cycles Model with Investment-Specific Technology Shocks”**

- Midwest Macroeconomics Meetings, Indiana University in Bloomington, Indiana, May 15 – May 17, 2009. (scheduled)
- Eastern Economic Association Annual Conference, New York city, February 27-March 1, 2009.
- Southern Economic Association Annual Meetings, Washington, D.C., 20-23 November 2008. (scheduled)
- Conference on International Economics and Economics Research, Department of Economics, University of Saskatchewan, October 18, 2008.
- 4th Dynare Conference, Federal Reserve Bank of Boston, September 4-5, 2008. (scheduled)
- *Small Open Economies in a Globalized World*, 2<sup>nd</sup> International Conference of Rimini Centre for Economic Analysis, Wilfrid Laurier University, Waterloo, 12-15 June 2008.
- Canadian Economics Association Annual Meeting, Dalhousie University, Halifax, 1-3 June 2007.

### **“International Real Business Cycles, Capital Rigidity and Investment-Specific Technology Shocks”**

- 66<sup>th</sup> International Atlantic Economic Conference, Montreal, 9-12 October 2008.
- Canadian Economics Association Annual Meeting, University of British Columbia, Vancouver, 6-8 June 2008.

## **CONFERENCE DISCUSSIONS**

- “Rule-of-thumb consumers, productivity and hours,” by Francesco Furlanetto and Martin Seneca, Canadian Economics Association Annual Meeting, University of British Columbia, Vancouver, 6-8 June 2008.
- “Reactions of Canadian Interest Rates to Bank of Canada Communications: What Moves Markets?” by Christine Fay and Toni Gravelle, Canadian Economics Association Annual Meeting, University of British Columbia, Vancouver, 6-8 June 2008.

## CONFERENCE PARTICIPATIONS

- Canadian Macroeconomics Study Group, University of Toronto, Toronto, 7-8 November 2008. (scheduled)
- Society for Economic Dynamics Annual Meeting, MIT, Cambridge (Massachusetts), 10-12 July 2008.
- Midwest Macroeconomics Meetings, University of Pennsylvania, Philadelphia, 8-10 May 2008.
- Money, Financial Institutions and the Real Economy Conference, Ryerson University, Toronto, 3 May 2008.
- QED Frontiers of Macroeconomics Workshop, Queen's University, Kingston, 14 March 2008.
- The Second Annual Laurier Conference on Empirical International Trade, Wilfrid Laurier University, Waterloo, 7-8 March 2008.
- QED Macroeconomics Workshop, Queen's University, Kingston, 23 March 2007.
- Numerically Intensive Economic Policy Analysis, Queen's University, Kingston, 12-13 May 2006.

## PROFSSIONAL AFFILIATIONS

American Economic Association, Canadian Economics Association, Econometric Society, Eastern Economic Association, International Atlantic Economic Society and Southern Economic Association.

## REFERENCES

**1. Ida Ferrara**, Assistant Professor and Chair

Economics Department, Atkinson Faculty of Liberal & Professional Studies  
York University, 2005 TEL Building, 4700 Keele St., Toronto, ON, Canada, M3J 1P3.  
Phone: 416-736-2100 EXT. 20131, Fax: 416-736-5188  
E-mail: [Ferrara\\_for\\_Khan@econ.queensu.ca](mailto:Ferrara_for_Khan@econ.queensu.ca)

**2. Beverly Lapham**, Professor

Department of Economics, Queen's University, Kingston, ON, Canada, K7L 3N6.  
Phone: 613-533-2297, Fax: 613-533-6668, E-mail: [Lapham\\_for\\_Khan@econ.queensu.ca](mailto:Lapham_for_Khan@econ.queensu.ca)

**3. Huw Lloyd-Ellis**, Professor

Department of Economics, Queen's University, Kingston, ON, Canada, K7L 3N6.  
Phone: 613-533-2276, Fax: 613-533-6668  
E-mail: [Lloyd-Ellis\\_for\\_Khan@econ.queensu.ca](mailto:Lloyd-Ellis_for_Khan@econ.queensu.ca)

## **ABSTRACTS OF THE WORKING PAPERS**

### **“A Two-Sector International Real Business Cycles Model with Investment-Specific Technology Shocks” [JOB MARKET PAPER]**

Can investment-specific technology (IST) shocks explain two of the international business cycles puzzles - the consumption/output anomaly and the international co-movement puzzle? I construct a set of international business cycles facts which are comparable with the moments calculated from the simulated data of an international real business cycles (IRBC) model with investment-specific technology shocks. I develop a two-country, two-good and two-sector (consumption and investment goods producing sectors) IRBC model with IST and aggregate neutral technology shocks to compare its simulated moments with a new set of international business cycles facts. I use the model to study the roles of IST shocks, aggregate neutral technology shocks and trade in investment goods in explaining the international business cycle facts. In contrast to the existing IRBC models with IST shocks, I find that the aggregate neutral technology shocks are relatively more important in explaining the positive cross-country correlation in output. This is mainly because of the sectoral factor re-allocation effects arising from technology shocks in a two-sector model. IST shocks increases the cross-country correlations in labor and investment. Trade in investment goods increases the cross-country correlations of output and labor, but it decreases the cross-country correlations of investment spending. Thus, this IRBC model also makes a progress towards solving the consumption/output anomaly and the international co-movement puzzle by explaining the observed strongly positive cross-country correlations in output and labor.

### **“International Real Business Cycles, Capital Rigidity and Investment-Specific Technology Shocks”**

Can investment-specific technology (IST) shocks and the rigidity in the sectoral capital movements explain two of the international business cycles puzzles - the consumption/output anomaly and the international co-movement puzzle? I develop a two-country, two-sector and two-good (consumption and investment goods producing sectors) IRBC model with IST and aggregate neutral technology shocks, and with rigidity in the sectoral capital movements. I compare its simulated moments with the new set of international business cycles facts developed in Khan (2008). I use the model to study the roles of IST shocks, aggregate neutral technology shocks, trade in investment goods and the rigidity in the sectoral capital movements in explaining the international business cycle facts. I find that the rigidity in the sectoral capital movements increases the cross-country correlations of output, labor and investment spending. Thus, this IRBC model addresses the consumption/output anomaly and the international co-movement puzzle.