

MUHAMMAD SAIFUR RAHMAN

Curriculum Vitae

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Office Address

Department of Finance and Economics
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Citizenship: *Bangladesh*

EMPLOYMENT HISTORY

- Assistant Professor of Economics, Department of Finance and Economics, College of Industrial Management, King Fahd University of Petroleum and Minerals(KFUPM), 2009- date

EDUCATION

Ph. D. in Economics, Indiana University, Bloomington, Indiana, USA 2009

- **Dissertation Title: Essays on Dynamic Fiscal Policy: Theory and Empirics**
- **Dissertation Committee:** Eric M. Leeper (Chair), Gerhard Glomm, Michael Kaganovich, Brian Peterson

M. A. in Economics, University of Iowa, Iowa City, Iowa, USA 2004

- **Thesis Title: Three Essays on Macroeconomics**

M.S.S in Economics, University of Dhaka, Bangladesh 1999

First Class Third Position

- **Thesis Title: Structural Adjustment in Bangladesh: An Analytical Overview**

B.S.S in Economics, University of Dhaka, Bangladesh 1997

First Class Second Position

FIELDS OF SPECIALIZATION

Primary Fields: Macroeconomics, Monetary Economics, Open Economy

Macroeconomics, Time Series Analysis

Secondary Fields: Development Macroeconomics, Public Economics, Growth Theory

Supporting Field: Econometrics, Energy Economics

TEACHING EXPERIENCE

- a. Econ 101: Principles of Economics I (Microeconomics) at KFUPM
Spring 2013 (term 20122). Teach with full teaching responsibility
- b. Econ 306: Economy of Saudi Arabia at KFUPM
Spring 2013 (term 20122). Teach with full teaching responsibility
- a. Econ 101: Principles of Economics I (Microeconomics) at KFUPM
Fall 2012 (term 20121). Teach with full teaching responsibility
- b. Econ 306: Economy of Saudi Arabia at KFUPM
Fall 2012 (term 20121). Teach with full teaching responsibility
- a. Econ 101: Principles of Economics I (Microeconomics) at KFUPM
Spring 2012 (term 20112). Teach with full teaching responsibility
- b. Econ 306: Economy of Saudi Arabia at KFUPM
Spring 2012 (term 20112). Teach with full teaching responsibility
- Econ 101: Principles of Economics I (Microeconomics) at KFUPM
Fall 2011 (term 201110). Teach with full teaching responsibility
- a. Econ 410: International Economics at KFUPM
Spring 2011 (term 20102). Teach with full teaching responsibility
- b. Econ 101: Principles of Economics II (Macroeconomics) at KFUPM
Spring 2011 (term 20102). Teach with full teaching responsibility
- a. Econ 410: International Economics at KFUPM
Fall 2010 (term 20101). Teaching with full teaching responsibility
- b. Econ 202: Principles of Economics II (Macroeconomics) at KFUPM
Fall 2010 (term 20101). Teaching with full teaching responsibility
- Independent Study in Econometrics (Introduction to Econometrics)
Summer 2010. Coordinator and Instructor.
- Econ 202: Principles of Economics II (Macroeconomics) at KFUPM
Spring 2010 (term 092). Taught with full teaching responsibility.
- Econ 202: Principles of Economics II (Macroeconomics) at KFUPM
Fall 2009 (term 091). Taught with full teaching responsibility.

- E322: Intermediate Macroeconomics at Indiana University
Summer 2005 at IUPUI Campus
Summer 2006, 2007, and 2008 at Bloomington Campus
Associate Instructor with full teaching responsibility.
- E202 : Introduction to Macroeconomics at Indiana University
Fall 2006, Fall 2007, Spring 2008, Fall 2008
Associate Instructor with full teaching responsibility.
- E101: Introduction to Economics at Ivy tech Community College, Bloomington, Indiana.
 - a. Fall 2006, *Adjunct Instructor*. Taught an in-class course with full teaching responsibility.
 - b. Spring 2007, *Adjunct Instructor*. Taught two sections of an on-line course with full teaching responsibility.
- E202 : Introduction to Macroeconomics at Indiana University
Spring 2005 (Honors Section), *Teaching Assistant* to Professor Eric Leeper
Fall 2005, *Teaching Assistant* to Professor Willard Witte
Spring 2006, *Teaching Assistant (Head)*
Spring 2007, *Teaching Assistant (Head)*
Taught courses with partial teaching responsibility.
- Econ 06E: 002 : Introduction to Macroeconomics at the University of Iowa
Fall 2002, Spring 2003, *Teaching Assistant*
Taught courses with full teaching responsibility except for designing examinations.
- Econ 06E: 001 : Introduction to Microeconomics at the University of Iowa
Fall 2001, Spring 2002, Fall 2003, Spring 2004, *Teaching Assistant*
Taught courses with full teaching responsibility except for designing examinations.
- G202: Business and Economic Strategy in Public Arena at Indiana University
Fall 2006, *Teaching Assistant* to Professor Steven F. Kreft, Kelly School of Business, Indiana University.
Worked as a grader.
- a. Econ 101: Principles of Microeconomics at the Perdana College of Malaysia, Dhaka, Bangladesh.
b. Econ 102: Principles of Macroeconomics at the Perdana College of Malaysia, Dhaka, Bangladesh.
Fall 2000, Spring 2001: *Adjunct Instructor with full teaching responsibility.*

RESEARCH INTERESTS

- Macro econometrics with focus on structural estimation of DSGE models using Classical (such as VAR) and Bayesian techniques.
- Time series Econometrics and Forecasting.
- Distributional aspects of fiscal policy and other macroeconomic aspects of public economics.
- Interaction between fiscal and monetary policy.
- Macroeconomic aspects of energy policy.

WORKING PAPERS

- “Government Spending and Consumption in the Presence of Borrowing Constraints”
(Under Review)
- “Should Dynamic Scoring be done with Heterogeneous Agent-Based Models? Challenging the Conventional Wisdom,” CAEPR Working Paper No. 2008-024
(Under Review)
- “Demographic Uncertainty and Welfare in a Life-cycle Model under Alternative Public Pension Systems,” CAEPR Working Paper No. 2008-025
(Under Review)
- “Who Bears the Public Debt Burden and How? Understanding the Distribution of Public Debt Burden,” Mimeo, King Fahd University of Petroleum and Minerals.
(Under Review)
- “Substitutability between Government and Private Consumption in the GCC Countries,” With Khaled Albinali, King Fahd University of Petroleum and Minerals
(Under Review)

RESEARCH IN PROGRESS

- “Government Spending and Consumption in the Presence of Borrowing Constraints: An Estimation of the DSGE Model using Bayesian Technique.”
- “What Determines Specific Schooling Decisions in the USA? A Dynamic General Equilibrium Analysis.”
- “Understanding the Factors behind Inflation Targeting: A Panel Logit Approach.”

- “The Effect of Tax Policy under Alternative Fiscal Financing Schemes on Income Distribution and Growth: A Savers-Spenders Model Perspective.”
- “Costly Quality, Strategic Quality Choice and Charter Schools.”
- “Estimation and Forecast of Demand for Oil Products and Natural Gas for Saudi Arabia and other GCC Countries,” with Mohammed Al-Sahlawi
- “The Macroeconomic Effect of Oil Revenue on the Public and Private Sectors of Saudi Arabia: Linking Theory with Data,” with Zohair A. Yamani
- “Inflation Expectations in the Emerging Economies: Evidence from Panel Data,” with Fazlul Hoque Miah
- “The Transportation Sector of Saudi Arabia: An analysis of Gasoline Consumption behavior and forecast of energy fuels demand,” with Mohammed Al-Sahlawi, Reza Aghdam, Fazlul Hoque Miah, Ashraf Eid and Ahmed Ali

PUBLICATIONS

- “Medium-Term Outlook for Rice Production and Demand: Projections to 2020,” with Paul Dorosh and Quazi Shahabuddin, IFPRI-FMRSP Working Paper No. 36, June 2001 (Reprinted as “Price Responsiveness of Food Grain Supply in Bangladesh and Projections 2020,” The Bangladesh Development Studies, Volume XXVIII, March-June 2002, Nos. 1 & 2)
- “Bangladesh-EU Development Relationship: Major Features and Emerging Issues,” with Mustafizur Rahman, CPD Occasional Paper Series, No. 5, Centre for Policy Dialogue, June 2000
- “Ageing in Bangladesh: Issues and Challenges,” with Jakir Hossain, CPD Dialogue Reports No. 23, Centre for Policy Dialogue, May 2000

RESEARCH EXPERIENCE

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|-------------------------|--|
| Fall 2004 - Spring 2005 | <i>Research Assistant</i> to Professor Gerhard Glomm, Department of Economics, Indiana University, Bloomington. Solving models, compilation of data and running simulations; data support. |
| Fall 2004 | <i>Research Assistant</i> to Professor Eric Leeper, Department of Economics, Indiana University, Bloomington. |

Summer 2002	<i>Research Assistant</i> to Professor John Geweke, Department of Economics, University of Iowa.
June 2000 - June 2001	<i>Research Analyst</i> , International Food Policy Research Institute (IFPRI)-FMRSP Project, Dhaka, Bangladesh. Model simulation, forecasting and data support, writing research papers.
January 2000 - June 2000	<i>Research Associate</i> , Centre for Policy Dialogue (CPD), Dhaka, Bangladesh. Writing dialogue reports, occasional papers, model simulation, forecasting and data support.
June 1998 - December 1998	<i>Research Assistant</i> , Dr. Nazmul Ehsan Fatmi, Professor, Department of Economics, University of Dhaka, Dhaka, Bangladesh. Designing and conducting survey for a “Socio-Economic Survey” for BEXIMCO group of industries.

GRANT ACTIVITY

- Junior Faculty Grant, No# JF100005 from King Fahd University of Petroleum and Minerals, “Who Bears the Public Debt? Understanding the Distributional Aspect of Government Debt Burden using a Heterogeneous Agent Model,” 01/01/2010-11/30/2010, SR 49,200.00.
- Fast Track Grant, No# FT100036 from King Fahd University of Petroleum and Minerals, “What Determines Specific Schooling Decisions in the USA? A Dynamic General Equilibrium Analysis,” 10/10/2010 –02/01/2012, SR 42,000.00.
- Fast Track Grant, “Substitutability between Government and Private Consumption in the GCC Countries: An Econometric Investigation.” With Khaled Albinali, King Fahd University of Petroleum and Minerals, Saudi Arabia, SR 71,000.00 (*submitted*)
- King Abdul Aziz City for Science and Technology (KACST) Grant, “Does Government Spending Crowd Out Private Consumption and Private Investment for the GCC Countries? Some Empirical Evidence.” With Khaled Albinali, King Fahd University of Petroleum and Minerals, Saudi Arabia, SR 365,000.00 (*submitted*)
- National Science, Technology and Innovation Plan(NSTIP) Grant from KACST, “Estimation and Forecast of Demand for Oil Products and Natural Gas for Saudi Arabia and other GCC Countries,” with Mohammed Al-Sahlawi, King Fahd University of Petroleum and Minerals, Saudi Arabia (*in progress*).

- National Science, Technology and Innovation Plan (NSTIP) Grant from KACST, “The Macroeconomic Effect of Oil Revenue on the Public and Private Sectors of Saudi Arabia: Linking Theory with Data,” with Zohair A. Yamani, King Fahd University of Petroleum and Minerals, Saudi Arabia (*in progress*).
- National Science, Technology and Innovation Plan (NSTIP) Grant from KACST, “The Transportation Sector of Saudi Arabia: An analysis of Gasoline Consumption behavior and forecast of energy fuels demand,” with Mohammed Al-Sahlawi, Reza Aghdam, Fazlul Hoque Miah, Ashraf Eid and Ahmed Ali, King Fahd University of Petroleum and Minerals, Saudi Arabia (*in progress*).

HONORS AND AWARDS

Spring 2008	Travel Grant, Department of Economics, Indiana University
Fall 2006-Spring 2008	Alumni Scholarship, Department of Economics, Indiana University, Bloomington
Fall 2004-Spring 2009	Graduate Assistantship, Department of Economics, Indiana University, Bloomington

UNIVERSITY AND DEPARTMENT SERVICE ACTIVITY

- Special summer group assignment for completing fifth year maintenance report for AACSB accreditation review committee, 2012.
- Core Member, AACSB Accreditation Committee, College of Industrial Management, KFUPM, 2011- date
- Chairman, Distinguished Teaching and Research Award Committee, 2012-date
- Undergraduate Adviser, Department of Finance and Economics, 2009- date
- Member, Curriculum Committee, , Department of Finance and Economics, 2012-date
- Co-op Adviser, Department of Finance and Economics, 2009- date
- Member, Distinguished Teaching and Research Award Committee, 2009-2012
- Member, Faculty Search Committee, 2011-2012
- Member, Text Book Selection Committee, 2009-2011

- Member, National Commission for Academic Accreditation and Assessment(NCAA) Committee, 2009- date
- Coordinator, Independent Study Group in Econometrics, Summer 2010-date

CONFERENCE AND SEMINAR PRESENTATIONS

- Asia Pacific Annual Conference, Business Accreditation and Assurance of Learning Seminar organized by AACSB International, Kuala Lumpur, Malaysia, 11-16 October, 2012
- Seminar Presentation, College of Industrial Management, KFUPM, Fall-2011, Spring 2012.
- Seminar Presentation at the Bank of Canada and Bowie State University, June 2009
- Midwest Macroeconomic Conference, May 2009
- 17th Annual Symposium of the Society for Non-linear Dynamics and Econometrics held at the Federal Reserve Bank of Atlanta, Georgia, April 16&17, 2009.
- Eighth Annual Missouri Economics Conference, University of Missouri-Columbia, March 2008
- Jordan River Conference, Indiana University, Bloomington, April 2008
- Selected for presentation at the Conference on Institutional and Social Dynamics of Growth and Distribution, Lucca, Italy, December 2007
- Selected for presentation at the First International Conference on Growth, Development and Poverty, Kathmandu, Nepal, December 2007
- Second Economics Graduate Students' Conference, Washington University at St. Louis, September 2007

COMPUTER PROFICIENCY

- Matlab, SPSS, MS Office, STATA, Eviews, Maple, C and C++, SAS
- Proficient in using academic portals such as Blackboard, WebCT, Coursecompass and PeopleSoft.

LANGUAGE SKILLS

English (Fluent), Bangla (Native), Hindi and Urdu (Working Knowledge)

PROFESSIONAL SERVICES

- **Referee:** *B. E Journal of Macroeconomic, Studies in Economics and Finance*
- **Member:** The American Economic Association, The Econometric Society

REFERENCES

Eric M. Leeper

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Indiana University
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