

Md. Syeed-Uz-Zaman Khan, Ph. D.

Associate Professor

Department of Economics

North South University (NAC 831 D)

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Key Professional and Academic Attributes

- 20+ years of teaching experience
- Extensive experience in statistical modeling and quantitative analysis that include predictive modeling using *big data*.
- Experience in leading research projects independently and in a team setting.
- Well-developed program evaluation skills and experience.
- Administrative skills valuable to the operational business of a mid-sized university.
- Volunteer administrative positions at the think tanks in Canada.

Education

Doctor of Philosophy (Ph. D.) in Economics 2014

Dissertation Title: *Three Essays on Remittance and Foreign Aid to Developing Countries-A Regional Approach*

Department of Economics, University of Manitoba, Winnipeg, Manitoba, Canada

Master of Arts (MA) in Economics 2006

Department of Economics, University of Manitoba, Winnipeg, Manitoba, Canada

Master of Social Sciences (MSS) in Economics 1997

Department of Economics, Shah Jalal University of Science and Technology, Sylhet, Bangladesh

Bachelor of Social Sciences (BSS) in Economics 1996

Department of Economics, Shah Jalal University of Science and Technology, Sylhet, Bangladesh

Professional Experiences

Present

Associate Professor

Department of Economics

School of Business and Economics (SBE)

North South University, Dhaka, Bangladesh

Current teaching responsibilities:

Research Methodologies for Social Science

Intermediate Microeconomics

May 2022-to date

Teaching Highlights:

I taught several undergraduate and graduate level courses, including i) Intermediate Microeconomics, ii) Graduate-level foundation microeconomics, and iii) Political Economy of non-market financial flows towards developing countries at the graduate level.

Research highlights:

2024 submissions (peer-reviewed):

- On Income Inequality and CO 2 Emissions in Bangladesh, *World Development Sustainability (Q1)*, Reviewed and resubmitted.

2024 Projects:

Economist and Quantitative Evaluation Expert: Strategic End of the Project Evaluation of Urban Resilience Project (URP), Planning Commission, Ministry of Planning, Government of the People's Republic of Bangladesh.

URP aims to strengthen the capacity of the Government of Bangladesh agencies to respond to emergency events and to strengthen systems to reduce the vulnerability of future building construction to disasters in Dhaka and Sylhet.

Other projects that are in the development stage and I am actively working on are related to i) Health and Subjective financial well-being, ii) Religion and intimate partner violence in Bangladesh, and iii) big data application to predict coastal area erosions and early warning applications.

Administrative Responsibilities:

1) **Director of Student Affairs:** Managing all student-related affairs, including management of 23 club activities of North South University. *January 2024-to date*

2) Member of the Assessment & Curriculum Planning Committee (ACPC) of the Department of Economics, *August 2022- to date*
Responsible for syllabus updates, assisting with paperwork for any academic collaboration with other institutions, and assisting with exit exam preparation.

Peer-Reviewed Publications

- Das, A., **Khan, S.**, Brown, L., and McFarlane, A. (2024). A political economy analysis of the income inequality-CO2 emissions nexus in Canada, *International Review of Applied Economics*, Reviewed and Accepted, awaiting printed publication.
- Khan, S** and Das, A (2023). The relationship between income inequality and emissions, *Elsevier Encyclopedia of Monetary Policy, Financial Markets and Banking*.
<https://doi.org/10.1016/B978-0-44-313776-1.00179-3>
- Khan, S.** (2021). "Comparative Effectiveness of Non-market Financial Flows towards Developing Countries." *Journal of Economics and Behavioral Studies-Forthcoming*.
- Khan, S.** and Das, A. (2017). "Financial Development and Output: A Synthesis of Time Series Cointegration and Causality Tests for Bangladesh." *South Asian Journal of Macroeconomics and Public Finance*, 5(2), 113-132.
- Das, A. **Khan, S.** and Chowdhury, M. (2016). "Effects of ICT Development on Economic Growth in Emerging Asian Countries." In B. Dey, K. Sorour and R. Filleri (eds) *ICTs in Developing Countries: Research, Practices and Policy Implications*, Palgrave Macmillan.
- Loxley, J., Sackey, H. and **Khan, S.** (2015) "African immigrants in Canada: A Profile of Human capital, income and remittance behaviour" *The Canadian Journal of Development Economics*, 36(1), 3-23.
- Shooshtari, S., Harvey, C. D. H., Ferguson, E., Heinonen, T., and **Khan, S.** (2013). "Impact of Remittance Behavior on the health outcome of Recent Immigrants to Canada from the Philippines: A Population-based Longitudinal Study." *Journal of Family and Economic Issues*, 35, 95-105.
- Das, A., Chowdhury, M., and **Khan, S.** (2012). "The Dynamics of Electricity Consumption and Growth nexus: Empirical Evidence from Three Developing Regions." *Margin-The Journal of Applied Economic Research*, 6(4), 445-466.
- Das, A. and **Khan, S.** (2012). "Is Grant-Aid More Effective than Concessional Loans? Evidence from a Dynamic Panel of Sub-Saharan African Countries?" *International Journal of Economics and Finance*, 4(1), 14-21.
- Compton, R., and Khan, S.** (2010). "An examination of the stability of short-run Canadian stock predictability". *Economic Bulletin*, 30(2), 1-14.
- Khan, S.** and Hossein, A. (2010). "Linkage between Public Education Expenditures and Economic Growth in Bangladesh: Evidence from Cointegration and Error Correction Model (ECM)". *Journal of Economics (Jahangirnagar University)*.

Past academic and non-academic positions

Data Scientist

May, 2017- May, 2022

Workers Compensation Board of Manitoba
Canada

Modeling experiences:

- Predictive modeling using injury data to predict injuries at the firm level, using *Association* modeling (CHAID and Neural Network). Used R and SPSS Modeler.
- Help prepare the annual reporting data set using SPSS Advanced statistics package.
- Other regular data analysis and reporting services.

Sessional Instructor (*part-time*)

January 2010- May, 2022

International College of Manitoba (ICM), Canada

Courses taught:

Introduction to Micro/Macroeconomic Principles (First year level)

Total credits taught: 135 (equivalent to 45, three credit hours course)

Business Intelligence analyst

May, 2015- May, 2017

Workers Compensation Board of Manitoba, Canada

Research and Evaluation related experiences:

- Help develop injury related targets, using regression multipliers, for some of SAFE Work's dashboard measures.
- Help developing the evaluation framework for SAFE Work certification program.
- Help develop the policy paper on prevention incentive.
- Prepare SAFE Workers of Tomorrow (SWOT) student survey report, 2015 using SPSS.

Post-Doctoral Fellow (*full-time*)

May, 2014 – May, 2015

Department of Community Health Sciences, University of Manitoba, Canada

Research and Evaluation related experiences:

- Taught Healthcare Programme Evaluation: Methods and Application - a graduate level course.
- Other responsibilities include conducting research in the areas of health economics. Specific projects include research related to financial capacity and health conditions; remittance and health; and intergenerational mobility and health.

STEP (Student Employment Placement) Analyst (*part-time*)

May, 2011- May, 2013

Work Place Safety and Health Branch, Manitoba Family Services and Labor, Government of Manitoba, Canada

Research and Evaluation related experiences:

- Preparing statistical report (*based on Excel*) on injury rates and costs incurred by core government departments and industrial sectors.
- Conducting research and analysis of various workplace safety related projects.

Consultant, UNDP (United Nations Development Programme) (*full-time*) October, 2007-March, 2008

Research and Evaluation related experiences:

- Preparation of Research and Study Guides on Innovative Macroeconomic Frameworks for Financing MDG-levels of AIDS Expenditure in African region by UNDP.

Various 'Research Assistant' Positions (*part-time*)

September, 2006- April, 2013

Research related experiences:

These positions mostly include data analysis and report writing and in some occasions research design.

- Research and analyze health related out-of- pocket expenses of care giving, with Dr. Karen Duncan, Department of Family Social Sciences, University of Manitoba, Canada.
- Research and analyze health, housing costs and remittance behavior of immigrants from the Philippines with Dr. Shahin Shooshtari, Department of Family Social Sciences, University of Manitoba, Canada.
- Research in the areas of remittance behavior of African immigrants; debt and dynamics of poverty with Dr. John Loxley, Department of Economics, University of Manitoba, Canada.
- Research in areas of Canadian stock market predictability, areas of economic growth, financial institutions, aid and development with Dr. Ryan Compton and Dr. John Serieux, Department of Economics, University of Manitoba, Canada.

Past academic teaching positions

Lecturer (*part-time*)

May, 2006 – December 2013

Department of Economics, University of Manitoba, Canada

Teaching Assistant (*part-time*)

September, 2004 –December, 2006

Department of Economics, University of Manitoba, Canada

Assistant Professor

August 2001-August 2013

Department of Economics

Shah Jalal University of Science and Technology

Sylhet, Bangladesh

Courses taught:

Economics of Development (Third year level)

Introduction to Quantitative Economics (Third Year level)

Principles of Economics for Engineers (First year level)

Microeconomics (Second year level)

Macroeconomics (Second year level)

International Finance and Economics (Third year level)

Lecturer

August 1998-August 2001

Department of Economics
Shah Jalal University of Science and Technology
Sylhet, Bangladesh

Courses taught:

Economics of Development (Third year level)
Introduction to Quantitative Economics (Third Year level)
Principles of Economics for Engineers (First year level)
Microeconomics (Second year level)
Macroeconomics (Second year level)
International Finance and Economics (Third year level)

Awards

Canadian Economic Association and Faculty of Arts (<i>University of Manitoba</i>) Conference	
Travel awards	2012 & 2013
International Graduate Student Scholarship (<i>University of Manitoba</i>)	2006-2008
Faculty of Arts Graduate Fellowship (<i>University of Manitoba</i>)	2006-2007
University of Manitoba Graduate Fellowship (UMGF)	2004-2006 & 2008-2010
University Grants Commission (UGC) Scholarship, Bangladesh	1993-1996

Other Academic and Non-academic Contributions

Volunteer Positions

Faculty Adviser, North South University Cine and Drama Club (NSUCDC), May, 2022- to December, 2023.

Lead Coordinator of Outreach Committee of the Department of Economics, August 2022 – December, 2023.

Director, Innovation and Development, *Conflict and Resilience Research Institute Canada (CRRIC)* 2021- to date
Key responsibilities include conducting research related to impact of Rohingya settlement in Bangladesh; activities related to moving towards a city (Winnipeg) without racism.
<http://www.crric.org/the-team/dr-syeed-khan/>

Director, Innovation and Development, *Bangabandhu Center for Bangladesh Studies in Canada (BCBS)* 2021- to date
Key responsibilities include conduct and facilitate research and produce knowledge on Bangabandhu's life, leadership, legacy and impacts, peacebuilding initiatives and disseminate

his ideologies of peace and harmony to inspire Bangladeshi Diaspora and Canadians in North America and beyond; provide cutting-edge interdisciplinary research support on social, peace and security, health, economic, environmental, and technology issues about Bangladesh; organize webinar, colloquia, invited lectures, workshops, conferences to facilitate a broad range of research in cultural studies on and about Bangladesh; facilitate between academic institutions in Canada and Bangladesh in designing plans for faculty and student exchange/joint/double degree programs.

<https://www.bcbscanada.org/member/md-syeed-khan/>

Conference Presentations

“Comparative Effectiveness of Non-market Financial Flows towards Developing Countries”- Canadian Economic Association Conference, Montreal, Canada. 2013

“Who Remits? A Logit Regression Analysis of Immigrants from Southern Parts of Asia to Canada”- Canadian Economic Association Conference, Calgary, Canada. 2012

Conference Participations

Nexus, data Science Conference organized by University of Manitoba 2020

Allied Social Science Association (ASSA) conference, Boston, USA 2015

CRDCN (Statistics Canada) Conference, Winnipeg, Canada. 2014

Pre-conference workshop on Micro-simulation modeling for health outcomes and 9th Annual Research Data Center Conference on Aging Population, Edmonton, Canada. 2011

Professional Memberships

American Economic Association 2014-

Canadian Economic Association 2012-

University of Manitoba Economics Graduate Student Association (UMEGSA) 2004-2014

President-UMEGSA 2010-2011