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Economic Researcher
Canadian Energy Research Institute (CERI)
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Education

Ph.D. Economics (specialization in applied econometrics)
University of Calgary, Calgary, AB, Canada Dec 2019
Thesis - Three Essays on Applied Econometrics

M.A. Economics
University of Manitoba, Winnipeg, MB, Canada Aug 2013
Awarded Manitoba Graduate Scholarship (\$15,000)

Employment

Canadian Energy Research Institute (CERI), Canada
Economic Researcher Jan 2020–

Department of Economics, Shahjalal University of Science & Technology, Bangladesh
Assistant Professor Jul 2019–Nov 2019
Assistant Professor (on study leave) Sep 2012–Jun 2019
Assistant Professor Jun 2012–Sep 2012
Lecturer Jun 2009–May 2012

Department of Economics, University of Calgary, Canada
Sessional Instructor Summer, 2017
Teaching Assistant Sep 2013–Dec 2019

Teaching Interests

Macroeconomics; International Trade and Commercial Policy; Development Economics; Economics of Natural Resources and the Environment; Econometrics; International Macroeconomics and Finance; Money & Banking.

Courses Taught

Shahjalal University of Science & Technology, Bangladesh

Introductory Microeconomics | Advanced Topics on Bangladesh Economy 2019
Introductory Microeconomics (3 times) | Introductory Macroeconomics (4 times) | Intermediate Microeconomics (2 times) | Intermediate Macroeconomics (2 times) | Advanced Macroeconomics (2 times) | Graduate Macroeconomics | Advanced Mathematics for Economists 2009–2012

University of Calgary, Canada

Intermediate Economic Theory - Macroeconomics I 2017
Teaching Assistant: Financial Economics (graduate) | World Oil Economics | Managerial and Decision Economics | Intermediate Economic Theory - Macroeconomics I (5 times) | Intermediate Economic Theory - Microeconomics I | Principles of Macroeconomics (3 times) | Principles of Microeconomics (2 times) 2013–2019

Research Interests

Primary fields: Macroeconomics, Applied Macroeconometrics, Energy Economics.

Secondary fields: Time Series Econometrics, Natural Resources and Environment Economics.

Academic Publications and Working Papers

1. "Economic Recovery Pathways for Canada's Energy Industry: Part 3 - Canadian Electricity Sector" **CERI Study No. 192D**, 2020. Calgary, AB: Canadian Energy Research Institute.
2. "Technical Change in U.S. Industries" with Apostolos Serletis. **Economic Modelling** 91 (2020), 579-600. (**Job Market Paper**).
3. "Biofuel Substitution in the Transportation Sector" with Apostolos Serletis. **Journal of Economic Asymmetries** 22 (2020).
4. "Economic Recovery Pathways for Canada's Energy Industry: Part 2 - Canadian Crude Oil and Natural Gas" **CERI Study No. 192B**, 2020. Calgary, AB: Canadian Energy Research Institute.
5. "Economic Recovery Pathways for Canada's Energy Industry: Part 1 – COVID-19 Impacts" **CERI Study No. 192A**, 2020. Calgary, AB: Canadian Energy Research Institute.
6. "Community-based Health Data Cooperatives Towards Improving the Immigrant Community Health: A Scoping Review to Inform Policy and Practice" **Int'l Journal of Population Data Science** 5 (2020):1-23.
7. "The Economic Effectiveness of Different Carbon Pricing Options to Reduce Carbon Dioxide Emissions" **CERI Study No. 189**, 2020. Calgary, AB: Canadian Energy Research Institute.
8. "A Century of Interfuel Substitution" with Apostolos Serletis. **Journal of Commodity Markets** 8 (2017), 28-42.
9. "Does the Central Bank Contribute to the Political Monetary Cycles in Bangladesh" with Abdul Munim Joarder, and Monir Uddin Ahmed. **Economic Change and Restructuring** 49 (2016), 365-394.
10. "Exploring the Depth of Energy Penetration in Economic Advancement: Perspective of Bangladesh" with Monir Uddin Ahmed and Syed Hasanuzzaman. **Renewable and Sustainable Energy Resources** 49 (2015), 1033-1047.
11. "Does the Formation of RTA Support the Neoclassical Growth Theory and Convergence Hypothesis" with Abdul Munim Joarder. **Journal of Economic Studies** 41 (2014), 51-70.
12. "Remittances and Investment Nexus in Bangladesh: An ARDL Bounds Testing Approach" with Syed Hasanuzzaman. **International Review of Economics** 60 (2013), 387-407.

Works in Progress

"COVID-19 Impacts on the Electricity Revenues in Canadian Provinces" with Victor Gallardo.

"Oil Price Uncertainty and Disaggregated Stock Returns: Further Evidence" with Murshed Chowdhury.

"Emissions Trading System and Environmental Efficiency in the EU" with Dinara Millington and Anna Vypovska.

"Non-Linear Effect of Oil Price in Bangladesh" with Monir Uddin Ahmed.

Awards

Ph.D. Graduate Scholarship (\$94,000), University of Calgary, 2013-2017
Economics Society of Calgary Graduate Scholarship (\$1,500), University of Calgary, 2014
Manitoba Graduate Scholarship (\$15,000), The Government of Manitoba, 2012-2013
Graduate Fellowship, Canada (\$13,000), University of Manitoba, 2012-2013
Graduate Student Entrance Scholarship (\$5,400), University of Manitoba, 2012-2013

Softwares

R, RATS, Python, L^AT_EX, Stata, Eviews.

Certification

IBM Data Science (Using Python) Professional Certificate, IBM, Coursera Jan 2021 (expected)