

Selection, Gender and the Impact of Schooling Type in the Urban Slums of Dhaka

WE STUDY THREE SCHOOL-TYPES IN TWO URBAN SLUMS OF DHAKA - JAAGO, GOVERNMENT AND NGO SCHOOLS. OUR STUDY IS THE FIRST TO INVESTIGATE EDUCATION IN URBAN BANGLADESH. WE EXAMINE THE IMPACT OF THE 3 SCHOOL-TYPES ON STUDENT ACHIEVEMENT IN MATHEMATICS, USING HIGH QUALITY DATA THAT WE COLLECTED. WE FIND THAT IN TERMS OF FLUID IQ, PARENT'S EDUCATION AND FAMILY INCOME, 'BETTER' STUDENTS SORT INTO JAAGO AND GOVERNMENT SCHOOLS. WE CONTROL FOR THIS SELECTION BIAS USING A RICH SET OF CONDITIONING VARIABLES USING TWO MATCHING ESTIMATORS. WE FIND THAT CONTROLLING FOR FLUID IQ HAS, BY FAR, THE BIGGEST EFFECT ON REDUCING SELECTION BIAS, AND HENCE INDICATES THE IMPORTANCE OF COLLECTING SUCH DATA WHEN USING NONEXPERIMENTAL METHODS. WE FIND THAT GIRLS PERFORM EQUALLY WELL AT NGO AND GOVERNMENT SCHOOLS, BUT BETTER AT JAAGO SCHOOLS. BOYS PERFORM EQUALLY WELL AT JAAGO AND GOVERNMENT SCHOOLS, AND PERFORM WORSE AT NGO SCHOOLS.

DR SAIMA KHAN IS CURRENTLY A POSTDOCTORAL FELLOW AT THE CENTRE FOR FAMILY AND POPULATION RESEARCH (CFPR). HER RESEARCH INTERESTS INCLUDE LABOUR ECONOMICS, DEVELOPMENT ECONOMICS AND EDUCATION ECONOMICS. SHE RECEIVED HER PHD IN ECONOMICS FROM THE NATIONAL UNIVERSITY OF SINGAPORE IN 2017. DURING HER PHD, IN A JOINT WORK WITH PROFESSOR JOHN C. HAM, SHE COLLECTED DATA ON 1950 CHILDREN ENROLLED IN DIFFERENT SCHOOLS IN TWO SLUMS OF DHAKA, BANGLADESH. USING MATCHING METHODS, HER PHD DISSERTATION EXAMINED THE IMPACT OF DIFFERENT SCHOOL-TYPES ON STUDENT ACHIEVEMENT WITH SPECIAL FOCUS ON GENDER HETEROGENEITY. IN 2018, DR. KHAN AND PROF HAM RE-INTERVIEWED THE STUDENTS PREVIOUSLY SURVEYED IN 2015-2016 IN DHAKA. AT PRESENT SHE IS WORKING ON CLEANING THE DATA COLLECTED IN WAVE 2 AND SUBSEQUENTLY ANALYSING THIS DATA.



Chaired by: A/Prof Bussarawan (PUK) TEERAWICHITCHAINAN
Dept of Sociology, Deputy Director of CFPR, NUS

Date: 18 Jan 2019 | Time: 12.00nn - 1.30pm | Venue: Ventus Evans Room
Refreshments will be served. Registration is required.

Pls register at: <https://tinyurl.com/y8j2sjye>