

Biplab Kumar Datta

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Research Interest

Health Economics, Global Health, Population Health, Public Health, Public Finance, Education

Education

Ph.D. in Economics, Georgia State University, USA, Aug 2017
M.A. in Economics, Simon Fraser University, Canada, Oct 2011
M.S.S. in Economics, University of Dhaka, Bangladesh, Nov 2009
B.S.S. in Economics (Honors), University of Dhaka, Bangladesh, Sep 2008

Employment

IPPH, Augusta University, Assistant Professor, Aug 2020-present.
Centers for Disease Control and Prevention (CDC), PE Fellow, Sep 2017-Aug 2020.
Federal Reserve Bank of Atlanta, Research Assistant, Sep 2014-Jul 2017.
University of Dhaka, Lecturer of Development Studies, Feb 2012-Jul 2012.
Policy Research Institute of Bangladesh (PRI), Economist, Oct 2011-Jul 2012.
International Finance Corporation (IFC), Assistant to Senior Consultant for the project on 'Reform of VAT Law, Rules and Regulations, and Procedures', Jan 2010-Jun 2010.
IFMR Trust, India, Intern, Aug 2008-Oct 2008.

Publications

Journal Articles

15. **Datta, B. K.**, Husain, M.J., Fazlul, I. (2020), "Tobacco control and household tobacco consumption: A tale of two educational groups", *Health Economics*, 29:1117-1131.
14. Feltenstein, A., **Datta, B. K.** (2020), "Broad-based subsidies or targeted transfers? Distributional equity vs macroeconomic costs", *Journal of Economic Policy Reform*, <https://doi.org/10.1080/17487870.2020.1785299>
13. **Datta, B. K.**, Husain, M.J. (2020), "Spousal alcohol consumption and female hypertension status: Evidence from Nepal", *Public Health*, 185:312-317
12. Husain, M.J., **Datta, B. K.**, Nargis, N., Iglesias, R., Perucic, A., Ahluwalia, I., Tripp, A., Fatehin, S., Husain, M.H., Kostova, D., Richter, P. (2020), "Revisiting the association between worldwide implementation of the MPOWER package and smoking prevalence, 2008 - 2017", *Tobacco Control*, <http://dx.doi.org/10.1136/tobaccocontrol-2020-055758>

11. Kostova, D., Spencer, G., Moran, A.E., Cobb, L., Husain, M.J., **Datta, B. K.**, Matsushita, K., Nugent, R. (2020), "Cost-effectiveness analyses of hypertension management: a review of evidence from low-income and middle-income countries", *BMJ Global Health*, 5:e002213.
10. Husain, M.J., **Datta, B. K.**, Kostova, D., Joseph, K.T., Asma, S., Richter, P., Jaffe, M.G, Kishore, S. P. (2020), "Access to cardiovascular diseases and hypertension medicines in developing countries: an analysis of essential medicine lists, price, availability, and affordability", *Journal of the American Heart Association*, 9(9)
9. **Datta, B. K.**, Husain, M.J. (2020), "Carbonating the household diet: A Pakistani Tale", *Public Health Nutrition*, 23(9): 1629-1637
8. **Datta, B. K.**, Husain, M.J., Fatehin, S. (2020), The crowding out effect of out-of-pocket medication expenses of two major non-communicable diseases in Pakistan", *International Health*, 12:50-59
7. Husain, M.J., Allaire, B.T., Hutchinson, B., Ketgudee, L., Srisuthisak, S., Khanuengnij, Y., Pisitpayat, N., Nugent, R., **Datta, B. K.**, Joseph, K.T., Kostova, D. (2019), "Assessing costs of a hypertension management program: An application of the HEARTS costing tool in a program planning workshop in Thailand", *Journal of Clinical Hypertension*, 22:111-117.
6. **Datta, B. K.**, Husain, M.J., Nargis, N. (2019), "An Intertemporal Analysis of post-FCTC Era Household Tobacco Consumption in Pakistan", *International Journal of Environmental Research and Public Health*, 16(14), 2532
5. **Datta, B. K.**, Husain, M.J., Asma, S. (2019), "Assessing the relationship between out-of-pocket spending on blood pressure and diabetes medication and household catastrophic health expenditure: evidence from Pakistan", *International Journal for Equity in Health*, 18:9.
4. **Datta, B. K.**, Husain, M.J., Fatehin, S., Kostova, D. (2018), "Consumption displacement in households with noncommunicable diseases in Bangladesh", *PLOS One*, 13(12): e0208504.
3. **Datta, B. K.**, Husain, M.J., Husain, M.M., Kostova, D. (2018), "Noncommunicable disease-attributable medical expenditures, household financial stress and impoverishment in Bangladesh", *SSM – Population Health*, 6, 252–258.
2. Husain, M.J., **Datta, B. K.**, Virk-Baker, M.K., Parascandola, M., Khondker, B.H. (2018), "The crowding-out effect of tobacco expenditure on household spending patterns in Bangladesh.", *PLOS One*, 13(10): e0205120.
1. Feltenstein, A., Abdul-Razzak, N., Condon, J, and **Datta, B. K.** (2015), "Tax Evasion, the Provision of Public Infrastructure and Growth: A General Equilibrium Approach to Two Very Different Countries, Egypt and Mauritius." *Journal of African Economies*, 24(2), 43–72.

Book Chapters

2. Khondker, B. H., and **Datta, B. K.** (2014), "The Fiscal Dimensions of Social Protection Reforms in Bangladesh." in Hossain Zillur Rahman, David Hulme, and Mathilde Maitrot (Eds.), *Social Protection in Bangladesh: Building Effective Social Safety Nets and Ladders out of Poverty*, 289–310. The University Press Limited, Dhaka.
1. **Datta, B. K.** (2008), "Micro, Small and Medium Enterprises in Bangladesh: An Analysis of Outsourcing and Embedded Services for Market Development" in Athula Ranasinghe (Ed.), *Perspectives of Future Economists in South Asia*, 127–143. University of Colombo: Department of Economics.

Working Papers

"Hypertension in women: the role of adolescent childbearing" (with Jami Husain, Deliana Kostova; Under Review)

"Untreated hypertension among tobacco-users: women of reproductive age at risk in India" (with Jami Husain; Under Review)

"Disease and demography: A cohort component systems dynamic population model to assess the implications of disease-specific mortality targets" (with Jami Husain, Deliana Kostova; Under Review)

"Cost assessment of a laboratory testing for plasma trans-fatty acids in Thailand" (with Jami Husain, Deliana Kostova)

"Does Pollution Affect School Finance? A Study on Urban School Districts in the U.S.A."

Work in Progress

"Assessing COVID-19 health system burden through the lens of underlying hypertension comorbidity: a simulation estimation for 187 countries" (with Jami Husain, Deliana Kostova)

"Assessing the impact of banning carbonated drinks in school cafeteria on household carbonated beverage consumption" (with Qihua Qui, Jaesang Sung)

"Neonatal and infant health and mother's risk of hypertension"

"The crowding-out effect of household's carbonated beverage consumption on food and nutrition"

"Assessing the long-term pattern in crowding-out effect of household's tobacco consumption"

"How to achieve progress in hypertension control? A hypertension care cascade approach"

"An assessment of health system capacity, health system utilization, and unmet healthcare demand by population with NCDs in Bangladesh"

"A computable general equilibrium model of sales tax evasion" (with Andrew Feltenstein, Jorge Martinez-Vazquez, Sohani Feteihin)

"Merit Aid and Sexual Behavior of Adolescents" (with David Frisvold and Melinda Pitts)

"An Analysis of Institutions, Public Goods, and Tax Effort" (with Sohani Feteihin)

"Effects of State Merit Aid Programs on Post-secondary Education Finance" (with David Frisvold and Melinda Pitts)

Other Research Experience

Provided research assistance to Dr. Andrew Feltenstein in the project "Subsidy Reforms and Implications for Social Protection: An Analysis of IMF Advice on Food and Fuel Subsidies", published in *The IMF and Social Protection*, ISBN 9781484313800, Washington: International Monetary Fund, 2017.

Provided research assistance to Dr. Melinda Pitts in the paper "State Merit Aid Programs and Youth Employment", NBER Working Paper No. 24662, 2014–2016.

Provided research assistance to Dr. Melinda Pitts in the paper "Life in the Fast Lane: Risky Behavior in Teens and Graduated Driver License Programs", 2016.

Provided research assistance and technical support in drafting the Bengali version of the "Value Added Tax Act of Bangladesh", 2012.

Contributed in the project "The Role of Credit in Food Production and Food Security in Bangladesh" (with Dr. Bazlul Haque Khondker), 2012.

Contributed in the paper "Economic Growth of South Asia: Challenges and Opportunities" (with Dr. Bazlul Haque Khondker), 2012.

Provided research assistance to Dr. Sadiq Ahmed in the project "First Implementation Review of the Bangladesh Sixth Five Year Plan", 2012.

Provided research assistance in the project "Sixth Five Year Plan (2011-2015) of Bangladesh", 2010.

Provided research assistance to Dr. Bazlul Haque Khondker in the paper "IP Policy of Higher Educational Institutions and Research Organizations: Commercialization of Innovation and Invention - The Experience of Bangladesh", 2012.

Provided research assistance to Dr. Bazlul Haque Khondker in the project "UP Model Tax Schedule for 2011", 2011.

Training

"**Systematic Reviews and Meta Analysis**," organized by the CDC University, Atlanta, USA, Aug 2018.

"**Big Data Analytics: Dimension Reduction and Variable Selection**," organized by the CDC University, Atlanta, USA, Mar 2018.

"**Introduction to Program Evaluation**," organized by the CDC University, Atlanta, USA, Feb 2018.

"**Analyzing Personal-Level Cost-Effectiveness Data: Estimates and Uncertainty**," organized by the Steven M. Teutsch Prevention Effectiveness Fellowship Program, CDC, Atlanta, USA, Oct 2017.

"**Evaluating Program Impacts: An Introduction**," organized by the Food and Agriculture Organization of the United Nations (FAO) in collaboration with the International Food Policy Research Institute (IFPRI), Dhaka, Bangladesh, Dec 2011.

"**Rapid Immersion in Microfinance**," organized by Center for Microfinance, Institute for Financial Management and Research, Chennai, India, Aug 2008.

Conference Presentation

8th Conference of the American Society of Health Economists, DC, 2019 (Poster)

CDC Division of Global Health Protection Annual Meeting, GA, 2018 (Poster - Best Poster in the Prevent Category)

Society for Research on Nicotine & Tobacco (SRNT) 24th Annual Meeting, MD, 2018 (Poster)

Southern Economic Association, 86th Annual Conference, DC, 2016

National Tax Association, 109th Annual Conference on Taxation, Baltimore, MD, 2016

Public Choice Society, 54th Annual Meetings, Fort Lauderdale, FL, 2016

Southern Economic Association, 85th Annual Conference, New Orleans, LA, 2015

Awards and Honors

E.D. (Jack) Dunn Fellowship, Georgia State University, 2016
 Student Fellow of the Public Choice Society, 2016
The Quantitative Economics Award, Georgia State University, 2015
Federal Reserve Bank of Atlanta Fellowship, 2015, 2016
 GRA Outstanding Award, Georgia State University, 2014, 2015
 Honor of Excellence, Notre Dame Abritti Dal (Recitation Club), 2009
 Award of Honor, Department of Economics, University of Dhaka, 2008
Best Budding Economist of South Asia, 5th South Asian Economics Students' Meet, India, 2008
 Honor of Excellence, Notre Dame Debating Club, 2007
 Award of Performance, Notre Dame Debating Club, 2002

Teaching

Instructor at Georgia State University

ECON 8850: International Trade, Spring 2016, (Student Evaluation: 4.1 out of 5.0)
 ECON 4800: International Trade, Fall 2014, (Student Evaluation: 4.4 out of 5.0)

Instructor at University of Dhaka

DS204: Basic Statistics for Development, 2012

Teaching Assistant at Georgia State University

ECON 4500: Money and Credit, Fall 2015, Spring 2016, Fall 2016, Spring 2017
 ECON 2105: Principles of Macroeconomics, Spring 2014
 ECON 3900: Macroeconomics, Spring 2014
 ECON 8110: Macroeconomic Analysis, Fall 2013
 ECON 9020: Macroeconomic Analysis I, Fall 2013

Teaching Assistant at Simon Fraser University

ECON 342: International Economics, Fall 2010, and Summer 2011
 ECON 301: Microeconomic Theory I, Spring 2011

Mentoring

Mentored two Prevention Effectiveness (PE) Fellow economists of the 2019 PE cohort, Aug 2019 – Aug 2020

Mentored two Field Epidemiology Training Program (FETP) trainees from Thailand on their capstone projects, April 2019

Leadership and Co-curricular Activities

Participated in the **Study of United States Institute for Student Leaders**, as a student leader from Bangladesh at Green River Community College, Washington, U.S.A. organized by the Bureau of Educational and Cultural Affairs, United States Department of State, Jul-Aug 2007.

Represented the University of Dhaka in the **World Universities Debating Championships**, organized by the University of British Columbia at Vancouver, Canada, 2007.

Participated in various international and national debating championships as a debater and adjudicator. Winner of **11 national level debating tournaments** in Bangladesh from 2000 to 2007.

Participated in 3rd, 4th, and 5th **South Asian Economics Students' Meets** in Dhaka (2006), Colombo (2007) and Delhi (2008) respectively. Served as the **Team Leader of the Bangladesh Delegation** in Delhi SAESM, 2008.

Served as a member in the Souvenir and Publicity Committee of the Golden Jubilee Celebration of St. Joseph Higher Secondary School, Dhaka, Dec, 2003 - Feb, 2004.

Served as the President of the executive committee of Notre Dame Abritti Dal (Recitation Club), Notre Dame College, Dhaka, 2002-2003.

Served as the President of the executive committee of Interact Club of St. Joseph, St. Joseph High School, Dhaka, 2000.

Journal Reviewer

Journal of Asian Economics; Journal of Development Studies; Tobacco Control; Preventive Medicine; BMJ Open; PLOS One; International Journal for Equity in Health; Journal of Poverty; Scientific African; International Journal of Consumer Studies; Tobacco Induced Diseases; Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy; Journal of Public Health; BMC Public Health

Software Competences

STATA, L^AT_EX, Microsoft Office

References

Andrew Feltenstein
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Adam Skelton
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