

Biplab Kumar Datta

Institute of Public and Preventive Health
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Research Interest

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

Education

Ph.D. in Economics, Georgia State University, USA, Aug 2017
M.A. in Economics, Simon Fraser University, Canada, Sep 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

Institute of Public and Preventive Health, Augusta University, Assistant Professor, Aug 2020-present.
Department of Population Health Sciences, Medical College of Georgia, Augusta University, Assistant Professor, Aug 2020-present.
Centers for Disease Control and Prevention (CDC), Prevention Effectiveness (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

40. Coughlin, S., **Datta, B. K.**, Williams, L. B., Bevel, M., Cortes, J. E., (2022), "Characteristics of Cancer Survivors Living in Poverty in the United States Results from the 2020 Behavioral Risk Factor Surveillance System Survey", *JCO Oncology Practice*, Accepted.
39. **Datta, B. K.**, Haider, M. R., (2022), "Child marriage and health disparities in adulthood: the differential risk of untreated hypertension among young adult women in India", *Clinical Hypertension*, Accepted.
38. **Datta, B. K.**, Tiwari, A., (2022), "Early Marriage in Adolescence and Risk of High Blood Pressure and High Blood Glucose in Adulthood: Evidence from India", *Women*, 2(3): 189-203, <https://doi.org/10.3390/women2030020>.

37. **Datta, B. K.**, Haider, M. R., Tiwari, A., Jahan, M., (2022), "The risk of hypertension among child brides and adolescent mothers at age 20s, 30s, and 40s: Evidence from India ", *Journal of Human Hypertension*, <https://doi.org/10.1038/s41371-022-00730-9>.
36. Coughlin, S., **Datta, B. K.**, Guha, A., Wang, X., Weintraub, N. (2022), "Cardiovascular Health among Cancer Survivors: Cross-sectional Results from the 2019 Behavioral Risk Factor Surveillance System Survey", *The American Journal of Cardiology*, <https://doi.org/10.1016/j.amjcard.2022.05.027>
35. **Datta, B. K.**, Tiwari, A., Glenn, L., (2022), "Stolen childhood taking a toll at young adulthood: The higher risk of high blood pressure and high blood glucose comorbidity among child brides", *PLOS Global Public Health*, 2(6): e0000638.
34. **Datta, B. K.**, Mehrabian, D., Gummadi, A., Goyal, A., Mansouri, S., Coughlin, S. S., Johnson, J. A., (2022), "Racial and ethnic inequities in financial hardship among CVD patients in the United States during the pre- and post-Affordable Care Act era", *Journal of Racial and Ethnic Health Disparities*, <https://doi.org/10.1007/s40615-022-01345-z>
33. **Datta, B. K.**, Tiwari, A., Fazlul, I., (2022), "Child marriage and risky health behaviors: An analysis of tobacco use among early adult and early middle-aged women in India", *BMC Women's Health*, 22, 206, <https://doi.org/10.1186/s12905-022-01781-3>.
32. Coughlin, S., **Datta, B. K.**, Guha, A., Wang, X., Weintraub, N. (2022), "Cardiovascular Health among Gynecologic Cancer Survivors: Results from the 2020 Behavioral Risk Factor Surveillance System Survey", *Gynecologic Oncology*, <https://doi.org/10.1016/j.ygyno.2022.03.025>.
31. **Datta, B. K.**, Hassan, S. (2022), "An early assessment of the 2017 child marriage restraint act of Bangladesh", *Asia Pacific Journal of Public Health*, <https://doi.org/10.1177/10105395221083895>.
30. **Datta, B. K.**, Tiwari, A. (2022), "Adding to her woes: Child bride's higher risk of hypertension at young adulthood", *Journal of Public Health*, <https://doi.org/10.1093/pubmed/fdac026>.
29. Agarwal, A., Husain, M. J., **Datta, B. K.**, Kishore, S., Huffman, M. (2022), "Global Access to Heart Failure Medicines: An Analysis of Essential Medicine Lists, Availability, Price, and Affordability", *Circulation: Heart Failure*, <https://doi.org/10.1161/CIRCHEARTFAILURE.121.008971>.
28. Coughlin, S., **Datta, B. K.**, Vernon, M., Hatzi Georgiou, C., George, V. (2022), "Health Literacy among Cancer Survivors: Results from the 2016 Behavioral Risk Factor Surveillance System Survey". *Medicine*, 101(9):e29010.
27. Feltenstein, A., Martinez-Vazquez, J., **Datta, B. K.**, Fatehin, S. (2022), "A General Equilibrium Model of Value Added Tax Evasion: An Application to Pakistan", *International Economics and Economic Policy*, <https://doi.org/10.1007/s10368-022-00530-z>
26. **Datta, B. K.**, Ansa, B. E., George, V. (2022), "An analytical model of population level chronic conditions and COVID-19 related hospitalization in the United States", *BMC Public Health*, 22, 208, <https://doi.org/10.1186/s12889-022-12531-3>.
25. Coughlin, S., **Datta, B. K.** (2022), "Housing Insecurity among Cancer Survivors: Results from the 2017 Behavioral Risk Factor Surveillance System Survey ", *Journal of Cancer Policy*, 31:100320.
24. **Datta, B. K.**, Tiwari, A., Garner, J. (2021), "Child marriage and exposure to secondhand smoke among women of childbearing age: Evidence from a nationally representative study in India", *Women & Health*, 61(10):1016-1026.
23. Coughlin, S., **Datta, B. K.**, Berman, A. (2021), "Predictors of Unhealthy Physical and Mental Days among Informal Cancer Caregivers: Results from the 2019 Behavioral Risk Factor Surveillance System Survey", *Supportive Care in Cancer*, <https://doi.org/10.1007/s00520-021-06635-6>.

22. **Datta, B. K.**, Aekplakorn W., Chittamma A., Meemeaw P., Vesper H., Kuiper H.C., Steele L, Cobb L.K., Li C., Husain M.J., Ketgudee L., Kostova D., Richter P. (2021), "Cost assessment of a program for laboratory testing of plasma trans-fatty acids in Thailand", *Public Health in Practice*, <https://doi.org/10.1016/j.puhip.2021.100199>.
21. **Datta, B. K.**, Husain, M.J., Husain, M.M., Kostova, D. (2021), "Hypertension in women: The role of adolescent childbearing", *BMC Public Health*, 21,1481.
20. **Datta, B. K.**, Ansa, B.E., Husain, M.J. (2021), "An analytical model of population level uncontrolled hypertension management: A care cascade approach", *Journal of Human Hypertension*, <https://doi.org/10.1038/s41371-021-00572-x>.
19. Coughlin, S., **Datta, B. K.**, Berman, A. (2021), "Financial Distress in Patients with Multimorbidity", *Preventive Medicine Reports*, 23,101464. <https://doi.org/10.1016/j.pmedr.2021.101464>.
18. Husain, M.J., **Datta, B. K.**, Kostova, D. (2021), "Disease and demography: A cohort component systems dynamic population model to assess the implications of disease-specific mortality targets", *BMJ Open*,11:e043313. <https://doi.org/10.1136/bmjopen-2020-043313>
17. Ansa, B.E., Lewis, N., Hoffman, Z., **Datta, B. K.**, Johnson, J.A. (2021), "Evaluation of Blood Stool Test Utilization for Colorectal Cancer Screening in Georgia, USA", *Healthcare*, 9:569. <https://doi.org/10.3390/healthcare9050569>
16. **Datta, B. K.**, Husain, M.J. (2021), "Untreated hypertension among tobacco-users: women of reproductive age at risk in India", *BMC Women's Health*, 21:146.
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

15. "Disparities in routine preventive care utilization among native- and foreign- born overweight and obese individuals in the United States: An analysis of racial and ethnic sub-populations" (with Steven Coughlin and Ban Majeed; Under review)
14. "Role of subsidized coverage on medication adherence among hypertensive and diabetic patients: Evidence from the National Health Interview Survey 2011-2018" (with Ishtiaque Fazlul; Under review)
13. "The higher risk of hypertension among religious minority women in Bangladesh" (with Sanjoy Chowdhury; Under review)
12. "The double burden of overweight or obesity and anemia among child brides in India: A case of the Simpson's paradox" (with Rifat Haider; Under review)

11. "Child marriage and problems in accessing healthcare in adulthood: Evidence from India" (with Ajay Pande and Ashwini Tiwari; Under review)
10. "Depressive disorder among gynecologic cancer survivors in the US: Evidence from the 2020 Behavioral Risk Factor Survey" (with Marlo Vernon, Steven Coughlin; Under review)
9. "Preventive Behaviors among Hematologic Cancer Survivors: Results from the 2020 Behavioral Risk Factor Surveillance System Survey" (with Steven Coughlin, Ban Majeed; Under Review)
8. "Child marriage and the risk of high blood glucose among early middle-aged married women in India" (with Ashwini Tiwari and Lynn Glenn; Under Review)
7. "Role of early marriage and marital disruption on hypertension in women" (with Murshed Janhan, Rifat Haider, Ashwini Tiwari)
6. "Preventive Behaviors and Behavioral Risk Factors among Gynecologic Cancer Survivors: Results from the 2020 Behavioral Risk Factor Surveillance System Survey" (with Steven Coughlin, Justin Moore, Marlo Vernon; Under Review)
5. "Assessing the effect of a province-mandated school soft drink ban on household soft drink consumption: A developing country experience" (with Qihua Qui, Jaesang Sung, Jami Husain)
4. "Financial Hardship in Patients with Heart Disease" (with Steven Coughlin; Under Review)
3. "Child marriage and later life risk of obesity in women: findings from the recent waves of Tajikistan demographic and health survey", (with Ashwini Tiwari, Qihua Qiu, and Jaesand Sung)
2. "Reducing the prevalence of hypertension can lower COVID-19 pandemic severity" (with Jami Husain, Deliana Kostova)
1. "Does Pollution Affect School Finance? A Study on Urban School Districts in the U.S.A."

Work in Progress

5. "Marital disruption and disparity in tobacco use in reproductive aged women: Evidence from India" (with Havilah Ravula, Elnita Pollard)
4. "The Influence of Parent's Cardiovascular Morbidity on Child Mental Health: Results from the National Health Interview Survey" (with Ashwini Tiwari, Elnita Pollard, Havilah Ravula)
3. "Child marriage and obesity" (with Ishtiaque Fazlul, Ashwini Tiwari, Qihua Qui, Jaesang Sung)
2. "Higher risk of hypertension among child brides and adolescent mothers after menopause"
1. "Child marriage and child discipline" (with Ashwini Tiwari, Jihene Ayadi)

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

American Society of Health Economists 11th Annual Conference, Austin, TX, 2022

Southern Economic Association 91st Annual Meeting, Houston, TX, 2021

Southern Economic Association 90th Annual Meeting, New Orleans, LA, 2020

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

Grants

"Serving Underserved Populations in Rural Settings: Targeting Treatment and Adolescent Resilience Together "SUPRSTART" Project", SAMHSA NCTSI Cat III Center, Oct 2021 – Sep 2026. Role: Data Specialist

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.

Professional service

Reviewer for: 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; BMC Women's Health; PLOS Global Public Health; Health Policy and Technology; SAGE Open Medicine; BMC Health Services Research; IEEE Access; International Journal of Epidemiology.

Academic Editor, *PLOS Global Public Health*, May 2021 - present.

Editorial Board Member, *BMC Public Health*, July 2021 - present.

Software Competences

STATA, L^AT_EX, Microsoft Office

References

Andrew Feltenstein
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Melinda Pitts
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