

Nasrin Sultana, PhD

Professor

Institute of Health Economics
Arts faculty building (4th floor)
and

Provost, Shamsunnahar Hall

University of Dhaka, Bangladesh

Cell: +880 17 6659 7679

Email: nasrin.sultana@du.ac.bd

Profile

Nasrin Sultana is a Professor of Health Economics at the Institute of Health Economics (IHE), University of Dhaka, with over 22 years of experience in teaching and research in Economics and Health Economics. Currently she serves as the Provost of Shamsunnahar Hall at the University of Dhaka. She has led extensive research on a wide range of topics including maternal, neonatal, and child health, reproductive health, urban health, and gender inequity. Her work also covers the estimation of healthcare costs, healthcare financing, and Public Expenditure Review (PER). Professor Sultana has been involved in various studies, including assessments of local-level planning, fiscal space for the Health, Nutrition, and Population sector, and the development of health insurance schemes for different groups such as garment workers and public servants. Additionally, she has worked on micro health insurance initiatives for healthcare delivery, family planning expenditure assessments, and the health and productivity of SME workers. Furthermore, she has extensive research experience in working with the Ministry of Health and Family Welfare of Bangladesh, Ministry of Planning, Ministry of Local Government, local NGOs and Development Partners since 2000.

Employment Record

Position	Institution	Tenure	Responsibilities
Professor	Institute of Health Economics, University of Dhaka	November 2019- to date	Teaching and Research
Director	Institute of Health Economics, University of Dhaka	May 2019- May 2022	Administration
Provost	Shamsunnahar Hall University of Dhaka	05 September 2024 to date	Administration
Associate Professor	Institute of Health Economics, University of Dhaka	October 2014- November 2019	Teaching and Research
Assistant Professor	Institute of Health Economics, University of Dhaka	June 2006- October 2014	Teaching and Research
House Tutor	Shamsunnahar Hall, University of Dhaka	March 2003- February 2013	Administration
Lecturer	Institute of Health Economics, University of Dhaka	December 2002- June 2006	Teaching and Research
Research Associate	Palli-Karma Sahayak Foundation (PKSF), Bangladesh	October 2002- December 2002	Research

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Research Associate	Bangladesh Unnayan Parishad (BUP), Bangladesh	November 2001- September 2002	Research
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Education

PhD in Health Economics

MSS in Economics

BSS in Economics

Other skills

Computing proficiency in STATA, SPSS, MS Word, Excel, Power Point and other relevant software

Major Training Areas

- Qualitative Research Methodology
- Project Planning and Development
- Social Health Insurance
- Essential Service Package
- Public Expenditure Review
- National Health Accounts

Membership of Professional Associations

- Bangladesh Economic Association (BEA),
- Health Economic Association of Bangladesh (HEAB),
- Dhaka University Economics Department Alumni Association (DUECAA)

Research interest

- Urban health Issues
- Emerging diseases, Covid-19
- Universal health coverage
- Health care financing
- Evaluation of social programs
- Economic evaluation of health care
- National Health Accounts

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- Estimation of health care cost
- Environmental and occupational health
- Economics of Nutrition
- Economics of Population
- Family planning Expenditure Assessment
- Public Expenditure Review
- Feasibility study

Teaching Areas

- Microeconomics
- Macroeconomics
- Public Economics
- Mathematics
- Statistics
- International Trade
- Research Methodology
- Project design and development

Countries visited for academic/ work purposes

- South Korea
- Indonesia
- Malaysia
- Singapore
- China
- Hongkong
- Turkey
- Thailand

Research Experiences

Publications

- Ling Liu , Di Liang , Saeed Anwar , Zunaira Michael, Shrinkhala Barun Shrestha , **Sultana N** , Jiayan Huang. “Over looked Impact of less Severe Physical Violence on

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antenatal care visits: Findings from south Asia”. *Journal of Global Health*. Vol. 13. 04155. November 17, 2023. DOI: 10.7189/jogh.13.04155

- Shimul S N, Hussain M, Faisal J A, Hamid SA, **Sultana N**, Kuddus MA. “Impact of alternative Non-Pharmaceutical Interventions strategies for controlling COVID-19 outbreak in Bangladesh: a modeling study.” *PLOS ONE*. February 23, 2024. PONE-D-21-27150R4 - [EMID:7d9458bed1b791db]. DOI: 10.6084/m9.figshare.20010209.v1.
- Azim MR, **Sultana N**, Tulon KN, Islam MS, Hamid SA. Analyzing family planning expenditure in Bangladesh. *Journal of Global Health Economics and Policy*. 2022 Apr 26;2: e2022006.
- **Sultana N**, Bhuiyan, S M., Kadir F., Kabir M I. “Effects of Covid-19 on Maternal, Neonatal, and Child Health Services in Bangladesh”. *Social Science Review, The Dhaka University Studies, Part-D*. Vol. No., Issue No & Page No: Vol. 40, No. 2, December 2023.
- Bhuiyan S M and **Sultana N**. (2020) “Technical Efficiency and Productivity at the Community Clinics in Bangladesh: Using Data Envelopment Analysis” is published in the *Journal of Population and Development*, Vol. 2, December 2020, pp. 39-50.
- Bhuiyan, S. M.; **Sultana, N**. (2020). Efficiency across Hospitals in Bangladesh: Results from Stochastic Frontier Analysis. *Social Sciences Review [The Dhaka University Studies, Part-D]*, 37(2).
- **Sultana N**. ‘Influence of working Environment on Health of Small and Medium Industrial Enterprise (SMIE) workers in Bangladesh’ is published in March, 2019 in *Jagannath University Journal of Arts*, Volume 08, No. 02, July-December 2018.
- Bhuiyan S M, **Sultana N**, Zobaida Ahmed Piu, Moriam Khanam “Regional Differences and the Determinants of Caesarean Delivery in Bangladesh: An Analysis Using BDHS Data” is published in 2018 in the *journal of Oriental Geographer*, Vol. 59, No. 1&2, 2015.

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- **Sultana N.**, “Diseases Pattern and Health Care Seeking Behavior of Small and Medium Industrial Enterprise (SMIE) Workers in Bangladesh” is published in July 2016 in the journal of *The Dhaka University Studies*, Vol.70, No.2, December 2015.
- **Sultana N.**, “Trends and Patterns of Health Expenditures and Health Outcomes in Bangladesh vis- a – vis other South Asian Countries” has published in July 2016 in the journal of *The Dhaka University Studies*, Vol.71, No.1, June 2014.
- Rahman T., Bhuiyan S M, **Sultana N.**, “Gaps in achieving Maternal Health related MDG in Bangladesh compared to some neighboring countries: will the past trend converge maternal mortality ratio to SDG target?” is published in The journal of Social Development, Vol. 28, No.1., June, 2016.
- Jahan N., Howlader S. R., Ahmad Shamsuddin, Bhuiyan S M, **Sultana N.**, Karim Suzana and Moin Uddin Ahmed, “Challenges and Prospects of Implementing Local Level Planning to Improve Maternal, Neonatal and Child Health Services in Bangladesh: Evidence from Selected Upazilas” is published in the journal of Social Science Review (The Dhaka University Studies, Part-D, Vol. 33, No.1, June, 2016.
- Jahan N. A., **Sultana N.**, Bhuiyan S M, Ishaq F. “Universal Health Coverage in Bangladesh: Challenges and Prospects” is published in the journal of Earth and Environmental Sciences, Vol. 4, December 2015.
- Jahan N. A., Howlader S. R., **Sultana N.**, Ishaq F., Sikder Z.H., and Rahman T., “Health Care Seeking Behavior of Slum-Dwellers in Dhaka City: Results of a Household Survey” is published in 2016 in WHO publications, June 2015.
- **Sultana N.** and Bhuiyan S M., “A Comparison of Costs at Different Tiers in Public and Private Hospitals for Inpatients of Some Selected Health Facilities in Dhaka” is published in June 2015 in the journal of *The Dhaka University Studies (Journal of Faculty of Arts)*, Vol. 70, No.1, June 2013.
- **Sultana N.** ‘Influence of working Environment on Health of Small and Medium Industrial Enterprise (SMIE) workers in Bangladesh’ is submitted for publication in

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International Journal of SME Development (IJSMED), Small & Medium Enterprise Foundation Royal Tower, 4 Panthapath, Dhaka-1215, Bangladesh.

- Bhuiyan S.M., **Sultana N.**, Piu Z.A, and Khanom M., Geographical variation and determinates of cesarean Delivery in Bangladesh: An Analysis Using BDHS 2014 data” Submitted for Publication in the Journal of ‘Oriental Geographer’, published by Bangladesh Geographical Society.
- **Sultana N.** and Bhuiyan S M., “Woman Entrepreneurship in Small and Medium Enterprises (SMEs) in Bangladesh” is published in 2014 in the journal of *The Dhaka University Studies(Journal of Faculty of Arts)*, Vol. 69, No.1, June 2012.
- **Sultana N.** and Islam S., “Industrial Relations System in the Export Processing Zones (EPZs) in Bangladesh” is published in the *Dhaka University Journal of Management*, Vol. 2, No.1, June 2010.
- **Sultana, N.**, “Defining and Measuring Health” is published in the journal of *The Dhaka University Studies*, Vol.65, No.2, December 2008, Vol.66, No.1 June 2009.
- **Sultana, N.** and Bhuiyan S.M., “Governance and Corruption in Public health Care System: Experiences of some Developing countries including Bangladesh” is published in July 2011 in the Journal of *The Dhaka University Studies*, Vol.64, No.2, December 2007, Vol.65, No.1 June 2008.
- Jahan N.A, and **Sultana N.**, “Health Insurance Schemes for the Development of Women Health Status in Bangladesh” is published in the Journal of *Empowerment, a Journal of Women for Women*, Vol.14, 2007.
- Jahan N.A, and **Sultana N.**, “ Communicable and Non-Communicable Diseases: Gender Differentials in Pattern and Causes ” is published in the Journal of *Social Science Review (The Dhaka University Studies, Part-D)*, Vol. 23, No. 2, December 2006.
- Begum H A, Bhuiyan S M, **Sultana N.**, Molla A A, “Malaria All over the World: As a Disease Burden”**is published** in the *Journal of Preventive and Social Medicine (JOPSOM)* , Vol. 25, No. 2, December 2006.

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- **Sultana N.** et al., “Level of Gender Inequality in Health, Nutrition and Educational Status in Bangladesh” is published in the Journal of *Pakistan Journal of Social Science*, Vol.3, No. 2, 2005.
 - **Sultana N.** et al., “Delivery of Health Care through Micro Health Insurance Scheme: An Assessment of the Health Programme of Grameen Kalyan”
 - **Sultana N.** and Haque R., “Key Policy Issues for Effective Health Sector Decentralization” is published in the Journal of *The Dhaka University Studies*, Vol.61, No.1. June 2004.
 - **Sultana N.** et al., “Choice of Delivery Care in the Urban Slums” is published in the Journal of *The Dhaka University Studies*, Vol.61, No.1, June 2004.

Consultancy Experiences

July 2024 To ongoing	Employer: UGC, MoE, GOB Name of the Project: "Determinants of Institutional Delivery among the Adolescent Mothers in Bangladesh" Position held: Co-PI
Sept 2024 To ongoing	Employer: USAID Name of the Project: "Bangladesh's Strengthening Local Level Health Systems (SLLHS)" Position held: Economist
July 2023 To ongoing	Employer: MEFWD, MOHFW Name of the Project: "Economic Analysis of Modernization of storage dispensing mechanism of medicine at primary and secondary level healthcare facilities in Bangladesh" Position held: Co-PI
June 2023 To ongoing	Employer: NIPORT, MOHFW Name of the Project: Need Assessment of Health Care Facilities and Health Work Force for 2041 and Related Services Position held: Health Economist
June 2023 To October 2023	Organization: Avenir Health, USA Project name: Family Planning Spending Assessment (FPSA) for FY 2022-23 in Bangladesh Worked as Principal Investigator

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June 2022

to on
going

June 2022

to August
2023

Employer: UNICEF

Name of Project: Technical Guidance Team (TGT) of Urban Model PHC Clinics (Aalo Clinic)

Position held: Deputy Team member

June 2021

to July
2022

Employer: University of Dhaka, Bangladesh

Name of Project: Effects of COVID-19 on the patients of non-communicable diseases: A study among cancer and Kidney Patients in Bangladesh

Position held: PI

May 2022

to ongoing

Employer: NIPORT, Ministry of Health and Family Welfare, Government of Bangladesh

Name of Project: Access to and Health Care Seeking Behaviour among Ethnic Minorities and Tea Pickers”

Position held: Demographer

June 2021

to on
going

Employer: Institute of Health Economics

Name of Project: Peoples’ Attitudes towards Acceptance of COVID-19 Vaccine: Evidence from Bangladesh

Position held: Co-PI

June 2022

to on
going

Organization: Health Economics Unit, Health Services Division, MOHFW, GoB

Name of Project: National Health Security Commission (NHSC) in Bangladesh: Design and Structural Aspect Based on Learning from Success Countries

Position held: Co-PI

December

2021 to
on going

Organization: Health Economics Unit, Health Services Division, MOHFW, GOB

Project name: An Assessment of Allocation and Utilization of Health Sector Budget

Position held: PI

December 2021 to

June 2022

Employer: NIPORT, Ministry of Health and Family Welfare, Government of Bangladesh

Position held: Health Economist

Name of Project: Determine the Role of Local Government in Facilitating Reproductive Health and Nutrition Services in Bangladesh.

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December 2020 to December 2021	Organization: Thinkwell LLC Project name: Enhancing Essential Services Provision for Universal Health Coverage (EESPUHC), in the context of COVID-19 Position: Co-PI
September 2020 to Oct 2021	Organization: Thinkwell LLC Project name: PHC Service Delivery Operational Measures: Country Data Collection Position: Co-PI
May 2020-Dec 21	Organization: Medical Education and Family Welfare Division, Ministry of Health and Family Welfare Project name: Feasibility Study for Establishment of Three Medical Universities and Two Nursing Colleges Working as Co-Principal Investigator
January 2020-June 2022	Organization: Health Services Division, Ministry of Health and Family Welfare Project name: Feasibility Study for Establishment of Six Medical College and Hospitals Working as Co-Principal Investigator
May 2020-July 2020	Organization: Shojag Coalition (Naripokkho, BLAST, SNV Netherlands, Christian Aid) Project name: Ensuring a healthy environment for workers' safety amid Covid-19: A model for RMG sector Working as Co-Principal Investigator
July 2020 to June 2021	Organization: Health Economics Unit, Ministry of Health and Family Welfare Project name: Costing of OPD Benefit Package for SSK Cardholders Working as Co-Principal Investigator
July 2020- Dec 2021	Organization: Health Economics Unit, Ministry of Health and Family Welfare Project name: Healthcare Seeking Behavior of SSK Card Holders Working as Co-Principal Investigator
October 2019- March 2020	Organization: DGFP, Ministry of Health and Family Welfare and UNFPA and Path Finder Project name: Costed Implemented Plan (CIP) for family planning program in Bangladesh

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Working as Co-Principal Investigator

June 2019-Dec 2020	Organization: UNICEF Location: Dhaka, Bangladesh, Worked as Co-Principal Investigator.
July 2020- November 2020	Organization: Avenir Health, USA Project name: Family Planning Spending Assessment (FPSA) for FY 2019-2020 in Bangladesh Location: : Dhaka, Bangladesh, Worked as Co-Principal Investigator.
January 2020- March 2020	Organization: Avenir Health, USA Project name: Family Planning Spending Assessment (FPSA) for FY 2018-2019 in Bangladesh Location: : Dhaka, Bangladesh, Worked as Co-Principal Investigator
January 2018- March 2018	Organization: Avenir Health, USA Project name: Family Planning Spending Assessment (FPSA) for FY 2015-2016 Location: Dhaka, Bangladesh, Worked as Co-Principal
January 2017- December 2018	Organization: UNICEF Project name: Baseline Survey in Project Areas in Five Districts for the Project on 'Improving Sexual, Reproductive Health and Rights Including Maternal and Newborn Health in Bangladesh Location: Dhaka, Bangladesh, Worked as Co-Principal Investigator
March 2015- December 2016	Organization: UNICEF Project name: Effects of Implementing UNICEF-Supported Local Level Planning for Improvement of MNCH Services in Bangladesh: Baseline Assessment in Selected Upazilas. Location: Dhaka, Bangladesh, Worked as Co-Principal Investigator.
September 2014- February 2015	Organization: UNICEF Project name: Analysis of Investment Case, Use of Pool Fund and Current Local Level Planning for Improvement of Maternal and Child Health Care in Bangladesh Location: Dhaka, Bangladesh, Worked as Co-Principal Investigator.
January 2011- November	Organization: WHO Project name: A comparison between public and private hospitals from the provider side, and some reflections on patients' expectations from these facilities

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2011	in relation to charges and fees. Location: Dhaka, Bangladesh, Worked as Co-Principal Investigator.
January 2010- November 2010	Organization: WHO Project name: Fiscal space Assessment of Health, Nutrition and Population sector in Bangladesh Location: Dhaka, Bangladesh, Worked as Team Leader
November 2004- September 2005	Organization: UNFPA Project name: Strengthening Reproductive Health Services for the Urban Poor Location: Dhaka, Bangladesh, Worked as Research Associate.
April 2005-June 2005	Organization: Grameen Kalyan Project name: Delivery of Health Care through Micro Health Insurance Scheme: An Assessment of the Health Programme of Location: Dhaka, Bangladesh, Worked as Co-Principal Investigator.
Janu 2003-May 2003	Organization: DFID Project name: Introduction of Health Insurance Scheme for the Improvement of Health Status of the Garment workers in Bangladesh: A study of some Selected Garment Factories Location: Dhaka, Bangladesh, Worked as Economist.


Languages

English and Bengali

Other academic activities

- External expert for PhD thesis evaluations
- Reviewer of academic journal articles
- Supervisor for PhD and M.Phil. students

Signature



25/09/2023

Professor Nasrin Sultana