

# Curriculum Vitae - Nahid Akhter Jahan

Institute of Health Economics  
University of Dhaka  
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**CURRENT POSITION**                      **Professor**  
   **Institute of Health Economics**  
   **University of Dhaka**

**NATIONALITY**                              **Bangladeshi**

**EXPERTISE**                                 **Health Economist**

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**PROFILE:** Nahid Akhter Jahan is a Health Economist with 21 years experience in teaching, research and consultancy. She joined the Institute as a Lecturer in 1999 and became a Professor of the Institute in 2019. She was the Director of the Institute of Health Economics from May 2013 to May 2016. She has been teaching Health Economics, Health Care Financing, Economic Evaluation of Health Care, and Management Decision Analysis at M. Phil, Post Graduate and Under Graduate levels, and in various training courses in the Institute of Health Economics, University of Dhaka. Most of her research and consultancy relates to health care financing and costing of health services. Her fields of interest include household healthcare expenditure, budgeting, user fees, health insurance, health systems, pro-poor strategies and quality of health care.

She has been working as the principal investigator of the project titled "Analysis of Investment Case, Use of Pool Fund and Current Local Level Planning for Improvement of Maternal and Child Health Care in Bangladesh" since September 2014 under a program cooperation agreement between UNICEF, Dhaka and Institute of Health Economics. The assignment included Investment Case Analysis using Marginal Budgeting for Bottlenecks (MBB) tool and evaluation of district evidence based planning and budgeting. She also worked as a consultant in preparation of the Implementation Plan of the first Health Care Financing Strategy of Bangladesh during April-July 2013. She was the Focal Point of the Resource Mobilization Task Group formed in developing the Health Care Financing Strategy of the country, "Expanding Social Protection for Health: Towards Universal Coverage, Health Care Financing Strategy 2012-2032" of MoHFW. She was the consultant/costing expert and estimated the budget of the Health Population and Nutrition Sector Development Programme (HPNSDP), 2011-2016. Prof. Jahan held the position of social development analyst in the study titled "Millennium Development Goals Needs Assessment and Costing, 2009-2015, Bangladesh" during April-October 2008. In this study she conducted the analysis using the Integrated Health Model of the UN Millennium Project.

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## EDUCATIONAL QUALIFICATIONS

- 2001 University of York, York, United Kingdom: **M. Sc. in Health Economics** (with **Distinction and obtained the first position**).  
Dissertation: The demand for medical care in developing countries: study of household health care expenditure in Bangladesh
- 1994 University of Dhaka, Dhaka, Bangladesh: **M. S. S. in Economics** (with **First Class**).
- 1993 University of Dhaka, Dhaka, Bangladesh: **B. S. S. (Hons) in Economics** (with **First Class**).

## APPOINTMENTS

- 27 May 2019 – to date **Professor**  
**Institute of Health Economics, University of Dhaka, Bangladesh.**
- 26 September 2010 - 26 May 2019 Associate Professor  
Institute of Health Economics, University of Dhaka, Bangladesh.
- 18 December 2002 - 25 September 2010 Assistant Professor  
Institute of Health Economics, University of Dhaka, Bangladesh.
- 1 July 1999 - 17 December 2002 Lecturer  
Institute of Health Economics, University of Dhaka, Bangladesh.

## MEMBERSHIPS

- Executive Member Bangladesh Health Economic Association (BHCA)
- Member Bangladesh Economic Association (BEA)
- Member Bangladesh National Health Accounts (BNHA) Cell of MoHFW

## RECENT RESEARCH EXPERIENCES

- December 2019 – June 2020 **Principal Investigator**
- Title: ***“Situation Analysis and Bottleneck Analysis of MNCH services using EQUIST in Bangladesh”***
- Under an institutional contract between UNICEF and Institute of Health Economics, University of Dhaka.

**Major Tasks:**

- Worked as a resource person and contributed in the data collection workshops.
- Worked as a resource person and contributed in the data validation workshops.
- Worked as a resource person and contributed in the bottleneck analysis workshops.
- Review the data uploaded in the tool and worked as a workspace administrator
- Analyzed the results generated by EQUIST
- Prepared the report on situation analysis and bottleneck analysis

December 2018 – till date

**Principal Investigator****Title: “*Evaluation of Community-based Health System Strengthening Program in UNICEF Supported Areas*”**

Under an institutional contract between UNICEF and Institute of Health Economics, University of Dhaka.

**Major Tasks:**

- Comprehensive review of the existing plans, strategies and documents
- Discussion with the policy makers, DPs and managers
- Leading the preparation of data collection instruments.
- Leading the process of data collection and data analysis.
- Sharing the progress of the study with UNICEF time to time
- Preparation and dissemination of the reports
- Advocacy for implementation of the recommendations

September 2014 – October 2018

**Principal Investigator****Title: “*Analysis of Investment Case, Use of Pool Fund and Current Local Level Planning for Improvement of Maternal and Child Health Care in Bangladesh*”**

Under a Project Cooperation Agreement between UNICEF and Institute of Health Economics, University of Dhaka

**Major Tasks:**

- Comprehensive review of the existing plans, strategies and documents
- Discussion with the policy makers, DPs and managers
- Organizing the data collection workshops and meeting of steering committee
- Leading the process of data collection and data analysis.

- Sharing the progress of the study with UNICEF time to time
- Preparation and dissemination of the reports
- Advocacy for implementation of the recommendations

November 2014 – May 2015 **Principal Investigator**

Title: ***“Health Care Seeking Behavior of the Urban Slum Dwellers in Dhaka City.”***

Funded by Health Economics Unit and World Health Organization (WHO)

**Major Tasks:**

- Comprehensive review of the existing literature
- Leading the process of data collection and data analysis.
- Sharing the progress of the study with WHO time to time
- Preparation and dissemination of the reports
- Advocacy for implementation of the recommendations

April 2013 – July 2013

**Consultant**

Health Economics Unit and World Health Organization (WHO)

Title: ***“Support to Develop the Costed Investment Plan of the New Health Care Financing Strategy (HCFS).”***

**Major Tasks:**

- Meeting with the different stakeholders
- Costing of the interventions of HCFS
- Preparation and dissemination of the report of Bangladesh Rapid Health System Assessment
- Assisting the lead consultant in preparing the Implementation Plan

March 2012 – June 2012

**Consultant**

Abt Associates Inc., 4550 Montgomery Ave, Suite 800N, Bethesda, MD20814-5341, USA.

Title:

***“Expanding Social Protection for Health: Towards Universal Coverage, Health Care Financing Strategy 2012-2032”***

Health economics Unit, MOHFW.

**Major Tasks:**

- Responsibilities of the focal point of Resource Mobilization Thematic Group
- Meeting with the different stakeholders
- Preparation and dissemination of the report on Resource Mobilization

- Assisting the lead consultant in preparing the Health Care Financing Strategy

August 2010 – October 2010

**Consultant**

European Union, Delegation to Bangladesh.

Title:

***“Costing of next Health Sector Programme: 2011-16”***

Planning Wing, MOHFW.

**Major Tasks:**

- Review the costing of HPSP and HNPSP
- Assess the future needs of the line directors
- Conduct cost analysis and estimate the budget for 2011-16
- Preparation the report and dissemination

April 2008 – October 2008

**Social Development Analyst (Health)**

Support to monitoring PRS and MDGs in Bangladesh

United Nations Development Programme (UNDP)

Title of the research:

***“Millennium Development Goals Needs Assessment and Costing, 2009-2015, Bangladesh.”***

**Major Tasks:**

- Comprehensive review of the existing plans, strategies and documents
- Carry out the trend analysis of the MDG 4,5 and 6 in Bangladesh
- Collect data on utilization and unit cost of health services
- Conduct cost analysis of the key interventions
- Estimate the budget for achieving the MDG 4,5 and 6 in Bangladesh
- Sharing the progress of the study with TWG time to time
- Preparation and dissemination of the report

January 2008

**Local Consultant**

Health Consultant Associates Ltd. (HAL)

*(A consultant of HERA)*

Title of the research:

***“Thematic evaluation of UNFPA’s experience in increasing aid effectiveness through participation in sector-wide approaches.”***

**Major Tasks:**

- Meeting with the different stakeholders
- Review the existing literature
- Assisting in report preparation

## OTHER RESEARCH EXPERIENCES

- Worked as Co-Principal Investigator in the study titled “Costing of proposed SSK Benefit Package: a Study in Three Pilot Upazilas of Bangladesh”, Prepared for the Health Economics Unit of the Ministry of Health and Family Welfare ( GOB), and GIZ ,2012
- Worked as Co-Principal Investigator in the study titled “Measurement of Quality of Healthcare: A Study of Selected Private Providers in Dhaka City.” The research was sponsored by KATALYST, 2006.
- Worked as Co-Principal Investigator in the study titled “Productivity and Cost of Public Health Services in Bangladesh.” The research was sponsored by DFID (Dhaka), 2004.
- Worked as Co-Principal Investigator in the study titled “Willingness to Pay for Health Insurance among the Garment Workers: A Study of Selected Factories.” The research was sponsored by DFID (Dhaka), 2004.
- Worked as Co-Principal Investigator in the study titled “Literature Review on Willingness and Ability to Pay for Family Planning Methods in Bangladesh.” The research was sponsored by DELIVER, John Snow Inc, 2003.
- Worked as Principal Investigator in the study titled “Level and Determinants of Unofficial Fees at Public Facilities in Bangladesh: A Study of Selected Facilities.” The research was sponsored by DFID (Dhaka), 2003.
- Worked as Principal Investigator in the study titled “Assessment of the Impact of User Fees at Upazilla Health Complexes (UHCs): Comparative Situation in three UHCs in Bangladesh.” The research was sponsored by DFID (Dhaka) and NICARE, 2002.
- Worked as Co Principal Investigator in the study titled “Literature Review on Non-Communicable Diseases (NCDs): Increasing Burden and its Implications for the Health Sector of Developing Countries.” The research was sponsored by DFID (Dhaka), 2001.
- Conducted the research titled “The demand for medical care in developing countries: study of household health care expenditure in Bangladesh.” Thesis submitted in the University of York, UK, for partial fulfillment of the M.Sc. in Health Economics, 2001.

## PUBLICATIONS

- **Jahan N A.** “Geographical Inequity and Clinical Practices in Maternal, Newborn and Child Health Care in Bangladesh: Some Recent Evidences”, Empowerment, A Journal of Women for Women, Vol. 26, p 17-28, 2019.

- **Jahan N A** and Kakoly I J. “The Health Related Millennium Development Goals and Sustainable Development Goals: Trends and Determinants of Maternal and Child Health Status in Bangladesh”, *Social Science Review* [The Dhaka University Studies, Part–D], Vol. 34, No. 1, p 211-228, June 2017.
- **Jahan N A.** “Willingness to Pay for Health Insurance in selected Upazila Health Complexes (UHCs) in Bangladesh: Results from an Exit-client Survey”, *The Dhaka University Studies*, Journal of the Faculty of Arts, Vol. 71, No. 2, p 65-86, December 2014, Published in January 2017.
- **Jahan N A,** Howlader S R, Ahmad S, Bhuiyan S M, Sultana N, Karim S, and Ahmed M U. “Challenges and Prospects of Implementing Local Level Planning to Improve Maternal, Neonatal and Child Health Services in Bangladesh: Evidence from selected Upazilas”, *Social Science Review* [The Dhaka University Studies, Part–D], Vol. 33, No. 1, p 187-198, June 2016.
- **Jahan N A.** “Health Care Seeking Behaviour of Patients and Cost Recovery by User Fees in Upazila Health Complexes in Bangladesh”, *The Dhaka University Studies*, Journal of the Faculty of Arts, Vol. 70, No. 2, p 1-24, December 2013, Published in January 2016.
- **Jahan N A,** Sultana N, Bhuiyan S M, and Ishaq F. “Universal Health Coverage in Bangladesh: Challenges and Prospects”, *Dhaka University Journal of Earth and Environmental Sciences*, Vol. 4, p 51-59, December 2015.
- **Jahan N A** and Kakoly I J. “The Determinants of Incidence of Poverty in Bangladesh: Regional Dimensions”, *The Dhaka University Studies*, Journal of the Faculty of Arts, Vol. 70, No. 1, p 169-186, June 2013, Published in June 2015.
- **Jahan N A.** “The Inequity in and Determinants of Maternal and Child Health Status in Bangladesh: An Analysis of Millennium Development Goals”, *Empowerment, A Journal of Women for Women*, Vol. 18, p 01-20, 2011.
- Bhuiyan S M and **Jahan N A,** “Practice of Informal Payments in the Public Healthcare Sector”, *Social Science Review* [The Dhaka University Studies, Part-D], Faculty of Social Sciences, University of Dhaka Volume 26, Number 2, p 111-133, December 2009.
- **Jahan N A** and Bhuiyan S M, “Demand for Family Planning Methods: Evidence from Developing Countries”, *Social Science Review* [The Dhaka University Studies, Part-D], Faculty of Social Sciences, University of Dhaka Volume 25, Number 1, p 165-177, June 2008.
- **Jahan N A** and Sultana N, “Health Insurance Schemes for the Development of Women’s Health Status in Bangladesh”, *Empowerment*, Vol 14, p. 75-90, 2007.
- **Jahan N A,** Eskander S M S U and Sakib-Bin-Amin, “Poverty, Ill Health and Health Care Expenditure: An Analytical Exercise”, *Stamford Journal of Business Studies*, Vol 2, p 77-83, Jan-Jun, 2007.

- **Jahan N A** and Sultana N, “Communicable and Non-Communicable Diseases: Gender Differential in Pattern and Causes”, *Social Science Review* [The Dhaka University Studies, Part-D], Faculty of Social Sciences, University of Dhaka Volume 23, Number 2, p 203-218, December 2006.
- নাহিদ আক্তার জাহান, মুহাম্মদ সাহাদাত হোসেন সিদ্দিকী  
স্বাস্থ্যখাতে ব্যয় সম্পর্কিত একটি প্রায়োগিকবিশেষণঃ প্রসঙ্গ বাংলাদেশ,  
সামাজিক বিজ্ঞান পত্রিকা [ঢাকা বিশ্ববিদ্যালয় স্টাডিজ, পার্ট-ডি] , খন্ড ২ , সংখ্যা ২ , পৌষ- ১৪১৩
- **Jahan N A** and Eskander S M S U, “Relationship between Health, Poverty and Economic Development: A Review of Recent Studies”, *The Dhaka University Studies*, p 155-173, June 2006.
- Haque R, **Jahan N A**, and Istiak K M, “Contracting Out Health Services to NGOs: Key Policy Measures”, *Social Science Review* [The Dhaka University Studies, Part-D], Faculty of Social Sciences, University of Dhaka Volume 22, Number 2, p 183-198, December 2005.
- **Jahan N A**, Haque R, and Hossain I, “Effect of Introduction of User Charges on Health Care in the Public Facilities: Evidence from Some Selected Countries Including Bangladesh”, *Pakistan Journal of Social Sciences (PJSS)*, Volume 3, Number 2, p 262-270, 2005.
- **Jahan N A** and Hamid S A, Private Foreign Investment and Economic Growth in Developing Countries with Particular Reference to Bangladesh. , *Social Science Review*, [The Dhaka University Studies, Part-D], Volume 19, Number 2, p 193-210, December 2002.
- Hamid S A and **Jahan N A**, “Linkages between Improved Health and Reduction of Poverty: Policy Implications for Bangladesh Health and Population Sector”, *Social Science Review*, [The Dhaka University Studies, Part-D], Volume 19, Number 1, p 273-282, June 2002.

## RESEARCH REPORT/POLICY BRIEF

- **Jahan N A**, Howlader S R, Ahmad S, Bhuiyan S M, Sultana N, Karim S, Ahmed M U, Ishaq F, Rahman R, Uddin M A, and Tulon K M N I, Effects of the Intervention ‘District Evidence-Based Planning and Budgeting (DEPB)’ for Improvement of Maternal, Neonatal and Child Health Services in Bangladesh: Results of Endline Survey in Six Selected Areas, Submitted the report to UNICEF in 2017.
- **Jahan N A**, Howlader S R, Ahmad S, Bhuiyan S M, Sultana N, Karim S, Ahmed M U, Ishaq F, Rahman R, Uddin M A, and Tulon K M N I, Investment Case Analysis Using Marginal Budgeting for Bottleneck Tool for Improving Maternal, Neonatal and Child Health Services in Chittagong and Sylhet Districts of Bangladesh, Submitted the report to UNICEF in 2017.



- **Jahan N A**, Howlader S R, Ahmad S, Bhuiyan S M, Sultana N, Karim S, Ahmed M U, Ishaq F, Rahman R, Uddin M A, and Tulon K M N I, Use of Pooled Fund for Improvement of Maternal and Child Health Care in Bangladesh, Submitted the report to UNICEF in 2016.
- **Jahan N A**, S R Howlader S R, Sultana N, Ishaq F, and Rahman T, “Health Care Seeking Behavior of Slum-Dwellers in Dhaka City”, World Health Organization, SEARO, June 2016  
[www.searo.who.int/bangladesh/publications/health\\_care\\_seeking\\_slum\\_dwellers.pdf](http://www.searo.who.int/bangladesh/publications/health_care_seeking_slum_dwellers.pdf)
- **Jahan N A**, Howlader S R, Ahmad S, Bhuiyan S M, Sultana N, Karim S, Ahmed M U, Ishaq F, Rahman R, Uddin M A, Tulon K M N I, Huque R, Abdullah M and Sikder M Z H, Effects of Implementing UNICEF-Supported Local Level Planning for Improvement of MNCH Services in Bangladesh: Baseline Assessment in Selected Upazilas, Submitted the report to UNICEF in 2015.
- **Jahan N A**, Financing healthcare in Bangladesh for achieving universal health coverage: challenges and opportunities, Policy Brief, The Centre of Excellence for Universal Health Coverage, BRAC University
- “Conducting a Costing of the proposed SSK Benefit Package: a Study in Three Pilot Upazilas of Bangladesh”, Prepared for the Health Economics Unit of the Ministry of Health and Family Welfare (GOB), and GIZ ,2012
- Productivity and Cost of Public Health Services in Bangladesh. Research Report Number: 10, Institute of Health Economics, University of Dhaka, 2004.
- Willingness to Pay for Health Insurance among the Garment Workers: A Study of Selected Factories. Research Report Number: 11, Institute of Health Economics, University of Dhaka, 2003.
- Level and Determinants of Unofficial Fees at Public Facilities in Bangladesh: A Study of Selected Facilities. Prepared for HEU, Ministry of Health and Family Welfare. Research Report Number: 6, Institute of Health Economics, University of Dhaka, 2003.
- Assessment of the Impact of User Fees at Upazilla Health Complexes (UHCs): Comparative Situation in three UHCs in Bangladesh. Research Report Number: 3, Institute of Health Economics, University of Dhaka, 2001.

## CONFERENCE PAPERS

- “The Inequity in and Determinants of Maternal and Child Health Status in Bangladesh: An Analysis of Millennium Development Goals”, Meeting of Experts on Measuring Health Equity and Health Impact Assessment towards Health in all Policies, WHO/SEARO, New Delhi, India. 6-8 June 2012.
- With Barkat-e-Khuda “Effects of user fees and improvements in quality of health services on demand for health care: findings from rural Bangladesh”, 6th iHEA World Congress,

Copenhagen, Denmark, 2007.

- With Z Quayyum, A Rahman, S A Hamid, P D Sen, and A H Moral “Are the poor benefited from exemption policy of user charges? Evidences from three sub-district health centers in Bangladesh”, 5th iHEA World Congress, Barcelona, Spain, 2005.
- With S R Howlader and A A Molla, “Perceived Quality of Care as an Indicator of Performance: Findings from Some Selected Public and Private Health Facilities in Bangladesh”, Bangladesh Health Economics Conference, Dhaka, Bangladesh, 2003.
- With S R Howlader and A A Molla “An Analysis of the Determinants of Unofficial Fees at the Health Care Facilities in Bangladesh: A Case Study of Selected facilities”, 4th iHEA World Congress, San Francisco, USA, 2003.

### **IMPORTANT WORKSHOPS/SEMINARS ATTENDED**

24 – 28 August 2015	The International Training Course on Universal Health Coverage, Centra Government Complex, Bangkok, Thailand
23-25 April 2014	Conference on Advancing Universal Health Coverage (UHC) in South-East Asia, Paro, Bhutan.
16-20 September 2013	Health Accounts Training Course, Colombo, Sri Lanka
10-12 July 2013	Technical Discussion on Universal Health Coverage (UHC), WHO SEARO, New Delhi, India
13-14 June, 2003	Third International NHA Symposium, San Francisco, USA.
27-31 May, 2002	Training for Trainers and Promoters on the Setting Up of <i>Gender Sensitive Health Micro-Insurance Schemes in South Asia</i> , Kathmandu, Nepal, organized by ILO.
20-24 January, 2002	Training Course on <i>Economic Evaluation of Reproductive Health Program</i> , Institute of health Economics and Population Council, Bangladesh.

### **TRAINING COURSES ON COMPUTER SOFTWARE AND DATA SETS**

2012	Advance Training on Microsoft Excel, HEU, MoHFW
2012	Advance Training on SPSS, HEU, MoHFW
19-23 November 2012	Advance Training on STATA, HEU, MoHFW

2013 Training on Household Income and Expenditure Survey (HIES) Data Set

## OTHER ACTIVITIES

- 2010 – till date **Part-time Faculty**, Department of Public Health, North South University, Bangladesh.
- 2001 – till date **Resource Person**, Training Courses on recent Health Economic Issues organized by Institute of Health Economics, University of Dhaka, Bangladesh.
- 2001 - till date **Resource Person**, Several National and International Training Courses on Health Economic Issues organized by Institute of Health Economics, University of Dhaka, Bangladesh and Health Economics Unit, Ministry of Health and Family Welfare, Bangladesh.
- 2004 **Resource Person**, Flagship Program on *Health Sector reform and Sustainable Financing*, World Bank Institute, Bangladesh.
- 2003 **Resource Person**, Training Course on *Economic Evaluation of Reproductive Health Program*, Institute of health Economics and Population Council, Bangladesh.

## LANGUAGES

- Bengali: fluent reading and writing
- English: fluent reading and writing

## COMPUTER SKILLS

- Proficient at using Windows applications such as MS Word, Excel, PowerPoint, etc.
- Good experiences with SPSS
- Good experiences with STATA

## COUNTRIES VISITED

Bhutan, Denmark, France, India, Kingdom of Saudi Arabia, Nepal, Spain, Sri Lanka, Thailand, United Kingdom and United States of America.