Curriculum Vitae - Nahid Akhter Jahan

Institute of Health Economics University of Dhaka Dhaka 1000 Bangladesh	Tel: 880 2 9661920-59, ext. 8640 (Office) 880 1716444593 (Cellular) Email: <u>najahan.ihe@gmail.com</u> <u>najahan@du.ac.bd</u>
CURRENT POSITION	Professor Institute of Health Economics University of Dhaka
NATIONALITY	Bangladeshi
EXPERTISE	Health Economist

PROFILE: Nahid Akhter Jahan is a Health Economist with 24 years of 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 at the Institute of Health Economics, University of Dhaka. Most of her research and consultancy relates to healthcare financing and costing of health services. Her fields of interest include economic evaluation of health care, budgeting, impact evaluation, health insurance, health systems, pro-poor strategies and quality of health care.

Currently, she is working as a Consultant for the World Health Organization (WHO) in reviewing the Health Care Financing Strategy 2012-32, Health Economics Unit, MoHFW. She has been working as the principal investigator of the assignment titled "Development of Equity Strategy on EPI through facilitating central and district level equity and bottle-neck analysis" since March 2022 under an institutional agreement between UNICEF, Dhaka and the Institute of Health Economics. She also worked as the principal investigator of the projects titled "Evaluation of Community-based Health System Strengthening Program in UNICEF Supported Areas" and "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 the Marginal Budgeting for Bottlenecks (MBB) tool and evaluation of district evidence-based planning and budgeting. She also worked as a consultant in the preparation of the Costed Implementation Plan of the first Health Care Financing Strategy of Bangladesh in 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.

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

MEMBERSHIPS

Executive Member	Bangladesh Health Economic Association (BHEA)
Member	Bangladesh Economic Association (BEA)

RECENT RESEARCH EXPERIENCES

April 2023 - tillConsultantdateWorld Health Organization (WHO), Bangladesh

Title: "Consultancy services to review health care financing strategy focusing on health financing functions"

• Conduct consultation and focus group discussion among the extended group of policymakers, health managers, civil society and international experts on the health financing issues

- Organize technical consultations with key stakeholders for consensus-building on the findings
- Contribute to the final report on the extended review of health care financing strategy
- Prepare technical presentations and share the findings based on the review focusing on health financing functions
- Sensitize stakeholders and policymakers on the review findings and probable pathways to make health financing progress
- Provide strategic policy advocacy to the government on the possible health financing reforms based on the findings to accelerate the country's progress towards universal health coverage

March 2022 – Principal Investigator

January 2022

Title: "Development of Equity Strategy on EPI through facilitating central and district level equity and bottle-neck analysis"

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

Major Tasks:

- A comprehensive review of the existing plans, strategies and documents
- Observation of bottleneck analysis workshops in districts and city corporations
- Leading the preparation of data collection instruments
- Leading the process of data collection and data analysis
- Conduct key informant interviews with the policymakers, DPs, managers and service providers
- Participate in the central-level bottleneck analysis workshops
- Sharing the progress of the assignment with UNICEF from time to time
- Prepare the Equity Strategy on EPI
- Advocacy for implementation of the recommendations

August 2021 – Consultant

December 2021 World Health Organization (WHO), Bangladesh

Title: "Consultancy Services to review health care financing strategy focusing on health financing functions"

- Perform situation analysis on health financing functions in implementing health care financing strategy
- Identify the challenges and gaps in resource mobilization, resource pooling and purchasing
- Facilitate key informant interviews and technical consultations among key stakeholders, national and international experts
- Facilitate the technical discussion with the technical review committee, experts and policymakers for validating the key revision areas

- Provide strategic policy advocacy to the government
- Provide technical support in organizing webinar related to the review of health care financing strategy
- Develop assessment reports by identifying the key revision areas with closely working with national and international consultants
- Contribute to developing a policy note along with national and international consultants

December 2018 Principal Investigator

– July 2021

Title: "Evaluation of Community-based Health System Strengthening Program in UNICEF Supported Areas"

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

Major Tasks:

- A comprehensive review of the existing plans, strategies and documents
- Discussions with the policymakers, 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 from time to time
- Preparation and dissemination of the reports
- Advocacy for implementation of the recommendations

December 2019 Principal Investigator

– June 2020

Title: "Situation Analysis and Bottleneck Analysis of MNCH Services using EQUIST in Bangladesh"

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

Major Tasks:

- Worked as a resource person and contributed to the data collection workshops.
- Worked as a resource person and contributed to the data validation workshops.
- Worked as a resource person and contributed to 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

 September
 Principal Investigator

 2014 – October
 Title: "Analysis of Investment Case, Use of Pool Fund and Current

 2018
 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 the Institute of Health Economics, the University of Dhaka

Major Tasks:

- A comprehensive review of the existing plans, strategies and documents
- Discussions with the policymakers, DPs and managers
- Organizing the data collection workshops and meetings of the steering committee
- Leading the process of data collection and data analysis.
- Sharing the progress of the study with UNICEF from time to time
- Preparation and dissemination of the reports
- Advocacy for implementation of the recommendations

November 2014 Principal Investigator

– May 2015

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:

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

April 2013 – Consultant

July 2013 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 – Consultant

June 2012 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"

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 – **Consultant**

October 2010 European Union, Delegation to Bangladesh.

Title: "Costing of Next Health Sector Programme: 2011-16"

Major Tasks:

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

April 2008 – Social Development Analyst (Health)

October 2008 Support to monitoring PRS and MDGs in Bangladesh United Nations Development Programme (UNDP)

Title: "Millennium Development Goals Needs Assessment and Costing, 2009-2015, Bangladesh."

Major Tasks:

- A 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 a 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 from time to time
- Preparation and dissemination of the report

January 2008 Local Consultant Health Consultant Associates Ltd. (HAL) (A consultant of HERA)

Title: "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, in 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), in 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), in 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), in 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), in 2001.
- Conducted the research titled "The demand for medical care in developing countries: study of household health care expenditure in Bangladesh." A thesis submitted to the University of York, UK, for partial fulfilment of the M.Sc. in Health Economics, 2001.

PUBLICATIONS

- Jahan N A. "Effect of Mother's Education on Child Health, Immunization, and Health Care Seeking Behaviour in Bangladesh", Empowerment, A Journal of Women for Women, Vol. 29, p 1-12, 2022.
- 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, III 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 বিঞ্জান পত্রিকা ঢিাকা বিশ্ববিদ্যালয় স্টাডিজ, পার্ট-ডি], খন্ড ২, সংখ্যা ২, পৌষ- ১৪১০
- 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
- 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 in 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

- 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 the Institute of Health Economics, University of Dhaka, Bangladesh and Health Economics Unit, Ministry of Health and Family Welfare, Bangladesh.
- 2010 2021 **Part-time Faculty**, Department of Public Health, North South University, 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, the Kingdom of Saudi Arabia, Nepal, Spain, Sri Lanka, Thailand, the United Kingdom and the United States of America.