

Dr. MD Nahid Hassan Nishan

✉ Nissano808@yahoo.com 📞 +8801684687852 📍 29/a/20 Satish Sharker Road, Gandaria, Dhaka-1204

🌐 Nissano808 🆔 0000-0002-6883-0284 🏠 Google scholar: elnCYYYAAAAJ 📅 24 July, 1995

🛳️ Passport: A14610014 🇬🇧 Bangladesh 🔗 www.drnhnishan.com

RESEARCH INTEREST SUMMARY

My research interest lies at the intersection of Public Health IT, Maternal and Child Health, Domestic Violence Prevention, and Epidemiology. I focus on technology-driven solutions to improve health accessibility, policy interventions, and epidemiological research. My interests include AI, machine learning, and quantum computing for health surveillance, digital health interventions, and predictive analytics. My goal is to develop data-driven solutions that reduce health disparities, enhance maternal and child health outcomes, and improve global health policies. I aim to "**positively impact at least 1% of the world's population through my work**".

EDUCATION

Master's in Public Health North South University Major in Epidemiology	2022 – 2023 Dhaka, Bangladesh
Bachelor of Medicine, Bachelor of Surgery Dhaka National Medical College Under the University of Dhaka	2015 – 2020 Dhaka, Bangladesh
HSC Grade: A+ GPA: 5.00 Cambrian School & College	2014 Dhaka, Bangladesh
SSC Grade: A GPA: 4.88 Cambrian School & College	2012 DHAKA, Bangladesh

PROFESSIONAL EXPERIENCE

Freelance Public Health Researcher Upwork Profile 🔗 Key role: <ul style="list-style-type: none">Public Health ConsultancyResearch AnalysisData-Driven Decision MakingGlobal Project ManagementClient-Centric ApproachResearch Paper Writing Achievement: Recognized as the best Public Health 🔗 & Scientific Research Freelancer 🔗 in Bangladesh on Upwork for contributions and expertise in health projects	04/2023 – present
Independent Consultant – Public Health & Research MedResearch Pro (Contract-Based) 🔗 <ul style="list-style-type: none">Conduct research and write academic papers in public health, epidemiology, and medical sciences.Assist in systematic reviews, meta-analyses, and data-driven healthcare studies.Ensure research quality, accuracy, and adherence to journal guidelines and ethical standards.	12/2024 – present
Regional Scientific Officer Bangladesh Medical Research Council (BMRC)	01/2024 – 06/2024 Bangladesh
Posting: Sheikh Fazilatunnesa Mujib Eye Hospital & Training Institute, Gopalganj. Key role: <ul style="list-style-type: none">Research Relevant WorkData AnalysisProject ManagementCollaborationEthical review	

- Training
- Publications
- Rural Community Outreach

Entrepreneurial Experience

2017 – 2022

Business Vendor in Daraz

- Established a leading digital goods brand called Giftcardbd in Bangladesh, Pakistan, and Sri Lanka.
- Optimized market growth and ensured regulatory compliance.
- Developed strategic partnerships to enhance digital commerce operations.

Virtual Assistant

2015 – 2017

Sourcescrow

Dhaka

- Virtual Assistant (Part-time)
- Web Research
- Article Writing
- Other Versatile Work Set: Demonstrated adaptability and versatility in tasks, including managing schedules, streamlining communication, and assisting with administrative responsibilities.

GRANT

Bangladesh Medical Research Council Grant

2025

Research project on "Exploring patient perspectives on eHealth services in Bangladesh: Insight from primary, Secondary and Tertiary Care"

- **Co-Investigator** – Received a research grant of **\$4,500 USD (Equivalent)**.
- **Grant Reference:** 2025/188(1-31)

COURSES

CPD Certified University Grade Trading Education [↗](#)

Thomas Kralow Academy

A six-month Diploma course for analyzing financial marketing including stock and forex market price.

SDMGAP-Skill development of Mobile Game And Application [↗](#)

Digicon Technologies Limited

A six-month government-funded course, including a six-month internship at Digicon Technology LTD, an IT Company on Mobile app development.

Private Online Research Course For Quantum Computing [↗](#)

Mahdy Research Academy

A 6-month online course in quantum computing, including a 6-month research project (preferred focus: Quantum Machine Learning) Total 1 year course work under the guidance of Prof. Mahdy, the first Bangladeshi professor to receive the 2023 Galileo Galilei Medal Award from the International Commission for Optics.

CERTIFICATES

Training and Resources in Research Ethics Evaluation

Training

- Completed comprehensive resources on Research Ethics Evaluation to enhance ethical standards in research practices.

SDMGAP-Skill development of Mobile Game And Application

Focus Areas

Specialized in Android app development, including UI/UX design, coding, and deployment.

Outcome

Gained hands-on experience in creating and optimizing mobile applications for diverse user needs.

The Global Health Training Centre research Ethics

Focus Areas

Ethical guidelines, evaluation, and global health research compliance.

NasaSpaceApp Challenge 2018

- Project Name:** Healer Plus
- Objective:** Integrated NASA Earth science data with citizen science data to explore connections between human, animal, and environmental health.
- Recognition:** Ranked among the **Top 20 Projects in Bangladesh** in 2018.

NIDA Clinical Trials Network

Focus

Advanced methodologies in clinical trials and substance use research.

Peer Reviewed on Springer (Health Economics Review) Journal

- Economic and Demographic Influences on Health Expenditures: Robust Approaches for Income and Aging Effects
- Harnessing Oil Revenues for Sustainable Development: Evaluating Brazil's "Royalties Law" and Its Impact on Healthcare
- An evaluation of the impacts of health insurance coverage on wealth stratification in some selected sub-Saharan countries

SKILLS

Corporate Skills

Organizational and planner; Decision-maker; Teamwork oriented; Strategic Planner; Conflict resolution analyzer; Research and interpreter; detail oriented and Influencer.

Digital skills

Presentation software: Microsoft Office suite; Adobe Suit; Programming languages: Python, HTML5, SPSS, STATA; Web research: Data scrapping, Financial market analysis; Other Skills: Video-editing, SEO, Prompt Engineering, Content Writing, Academic writing

LANGUAGES

Bangla

Mother Tongue



English



Hindi

Can communicate with Natives



PUBLICATIONS

Does Education Sculpt Healthcare Choices? Exploring Factors Influencing Healthcare Utilization Among Female Youths in Eight Low and Lower-Middle-Income Countries

2025

PloS one

Source: <https://doi.org/10.1371/journal.pone.0298782> 

Do Empowerments Influence Experiencing Domestic Violence? A Multi-Continental Study of Women Across Low and Lower-Middle-Income Countries

2025

BMC public Health

Source: <https://doi.org/10.1186/s12889-025-22027-5> 

- Knowledge and Willingness towards Human Papillomavirus Vaccination among the Parents and School Teachers of Eligible Girls in Dhaka, Bangladesh: A School-Based Cross-Sectional Study** 2025
Journal of Virus Eradication
Source: <https://doi.org/10.1016/j.jve.2025.100590> 
- Influence of Spousal Educational Disparities on Violence against Pregnant Women: a study of 30 countries** 2025
Nature
Source: <https://www.nature.com/articles/s41598-024-84867-2> 
- Barriers to Accessing Dengue Healthcare: A Multicenter Survey from Dhaka, a Major Dengue Hotspot in Bangladesh** 2025
Journal of Biostatistics and Epidemiology
Source: <https://doi.org/10.18502/jbe.v10i2.17643> 
- AI-Powered Drug Discovery for Neglected Diseases: Accelerating Public Health Solutions in the Developing World** 2025
Journal of global health
Source: <https://jogh.org/2025/jogh-15-03002> 
- AI-Driven Smart Auditory Health Systems: Bridging Audiology and Public Health in Low-and Middle-Income Countries** 2024
MEDICINE
Source: <https://dx.doi.org/10.61927/igmin272> 
- Coverage and determinants of Intermittent Preventive Treatment in pregnancy (IPTp) in Cameroon, Guinea, Mali, and Nigeria** 2024
PloS one
Source: <https://doi.org/10.1371/journal.pone.0313087> 
- Evaluating the Acceptance and Awareness of GPT-Based AI for Health Assistance in Clinical Practice among Registered Physicians of Bangladesh** 2024
Mymensingh Med J
Source: <https://pubmed.ncbi.nlm.nih.gov/39351746> 
- Neural Cyber Augmentation (NCA): A Future Frontier in Public Health** 2024
Journal of Medical and Clinical Nursing Studies
Source: <https://doi.org/10.61440/JMCNS.2024.v2.56> 
- Role of Generative AI: LLM in Health Fact Verification: A Thorough Performance Evaluation**
Papers Under Journal Peer Review
- Male Adolescents' Attitude Towards Justifying Wife Beating: A Study on 20 Low and Lower-Middle-Income Countries**
Papers Under Journal Peer Review
- Machine Learning Approach to predict Women Experiencing Domestic Violence Trend through Husband Demographics in Nepal**
Papers Under Journal Peer Review
- Factors influencing willingness to adopt online nutritional education for better child health outcomes among married Rohingya refugee women in Bangladesh**
Papers Under Journal Peer Review
- Physician Perspectives on Utilization of GPT-Based AI for Medical Assistance in Bangladesh: Knowledge, Attitudes, and Practices**
Papers Under Journal Peer Review
- Shifts in Menarche Age: Environmental and Socioeconomic Influences Over a Quarter Century in India**
Papers Under Journal Peer Review
- Revolutionizing Pediatric Pneumonia Detection: Exploring Hybrid Quantum-Classical Architectures with Knowledge Distillation for Superior Diagnostic Accuracy**
Waiting for journal submission

Hybrid Classical-Quantum Deep Learning for Dysarthria Detection: A Novel Knowledge Distillation Framework

Waiting for journal submission

The Landscape of Sextortion in Indian Journalism: A Data-Driven Investigative Analysis of Media Narratives and Future Risks

Waiting for journal submission

REFERENCES

Dr. Saidur Rahman Mashreky, *Associate Professor*, Department of Public Health, North South University
mashreky.saidur@northsouth.edu, +8801715342395

Dr. Mohammad Delwer Hossain Hawlader, *Associate Professor*,
Department of Public Health, North South University
mohammad.hawlader@northsouth.edu, +8801747439378

Koustuv Dalal, *Professor*, Senior Health Economist & Prevention Scientist, Mid Sweden University
koustuvsun@gmail.com, +46707140122