



**CURRICULUM VITAE**  
**Dr. Mohammad Delwer Hossain Hawlader, PhD**

<b>Personal Data</b>	
<b>Business Address</b>	<b>Home Address</b>
Department of Public Health North South University Plot # 15, Block # B, Bashundhara R/A Dhaka – 1229 Bangladesh Phone: +88-02-55668200, Ext: 2297 (Office) E-mail: <a href="mailto:mohammad.hawlader@northsouth.edu">mohammad.hawlader@northsouth.edu</a>	142, Crescent Road, Dhanmondi Dhaka – 1205 Bangladesh Phone: + 88 02 9666226 (Home) Mobile: +88 01747439378 E-mail: <a href="mailto:hawlader2003@yahoo.com">hawlader2003@yahoo.com</a>
Website: <a href="http://www.northsouth.edu/faculty-members/shls/pbh/mohammad-delwer-hossain-hawlader.html">http://www.northsouth.edu/faculty-members/shls/pbh/mohammad-delwer-hossain-hawlader.html</a> ORCID: <a href="https://orcid.org/0000-0002-1443-6257">https://orcid.org/0000-0002-1443-6257</a> Research Gate ID: <a href="https://www.researchgate.net/profile/Mohammad_Hawlader5">https://www.researchgate.net/profile/Mohammad_Hawlader5</a> Scopus author ID: <a href="https://orcid.org/0000-0002-1443-6257">55416333400</a>	

### SUMMARY STATEMENT

Dr. Mohammad Delwer Hossain Hawlader, PhD is a medical scientific professional with having 19 years of professional experience, which included more than 12 years experiences in public health research and project management and 5 years' experience of teaching in public health. Currently he has been working as Associate Professor in the Dept. of Public Health at North South University (NSU). He also worked as Visiting Associate Professor in Hiroshima University, Japan and Assistant Professor at Bangladesh University of Health Sciences (BUHS). Dr. Delwer has achieved PhD degree from University of Tsukuba, Japan in 2014. Prior to this, he has acquired Masters in Public Health (MPH) from Karolinska Institute, Sweden in 2006 and MBBS (equivalent of MD) from Sir Salimullah Medical College, Dhaka University in 1999. During his research period, Dr. Delwer had worked in International Center for Diarrhoeal Diseases Research, Bangladesh (icddr,b). His research project was mostly based on international collaboration with world renowned universities and funded by different donor agencies. Dr. Delwer's research interest is maternal and child health, nutrition, infectious diseases, autism, disability and chronic disease research. His research articles have been published in reputed international peer reviewed journals and some local journals. Moreover, he is reviewer as well as editorial board member of some reputed international peer reviewed journals.

**EDUCATION**

Degree/Year	Institution	Field
PhD/2014	University of Tsukuba, Tsukuba, Japan	Epidemiology
MPH/2006	Karolinska Institute, Stockholm, Sweden	Public Health
MBBS/1999	Sir Salimullah Medical College, Dhaka University, Dhaka, Bangladesh	Medicine, Surgery, OB/GYN

**WORK EXPERIENCE**

Position	Dates	Institution
Associate Professor	01/05/2019 till to date	Department of Public Health, North South University
Chairman & Assistant Prof.	04/08/2017 to 03/08/2018	Department of Public Health, North South University
Assistant Professor	01/01/2017 to 30/04/2019	Department of Public Health, North South University
Assistant Professor	01/07/2014 to 31/12/2016	Department of Epidemiology, Bangladesh University of Health Sciences
Visiting Associate Professor	01/04/2018 till to date	Graduate School of Biomedical & Health Sciences, Hiroshima University, Japan
Guest Lecturer	01/07/2016 to 31/12/2016	Institute of Child Health, Mirpur, Dhaka
Senior Research Investigator	01/04/2014 to 30/06/2014	Child Health Unit, icddr,b
Research Investigator	01/10/2006 to 31/03/2014	Child Health Unit, icddr,b
Research Physician	01/01/2003 to 30/09/2006	Child Health Unit, icddr,b
Assistant Manager (Medical)	01/07/2001 to 31/12/2002	Duncan Brothers Bangladesh Limited
Medical Officer	01/10/2000 to 30/06/2001	Department of Pediatrics, Central Hospital Limited, Dhaka

**HONORS/AWARDS**

- Awarded Japanese Government Scholarship (Monbusho Scholarship), from Oct 2009 to March 2014
- Awarded the best paper of the year 2015 by the “Journal of Tropical Medicine and Health” for the research article “*Ascaris lumbricoids* infection as a risk factor for asthma and atopy in rural Bangladeshi children. Tropical Medicine and Health. 2014; 42(2): 77-85.
- Awarded best poster in international conference on genomics, nanotech and biotechnology, organized by North South University during May 14<sup>th</sup> to 17<sup>th</sup> 2017.

**TRAINING**

- 3 days training on Control of TB and Leprosy organized by HEED Bangladesh
- 2 days training on Control of Diarrhoeal Diseases organized by icddr,b
- One day training on use of EndNote organized by icddr,b
- Three months training on Good Clinical Practice (GCP) organized by University of Tsukuba, Japan

### **RESEARCH GRANT RECEIVED**

- Reasons and pattern of methamphetamine (Yaba) use and its associated mental health problem among the clients entering non-government drug treatment and rehabilitation centers in Bangladesh – Grant received as Principal Investigator from North South University in 2019
- Prenatal, perinatal and postnatal Determinants of Autism Spectrum Disorder (ASD): A Case-control Study – Grant received as Principal Investigator from North South University in 2018
- Smoke-free Housing Policy for Housing Societies: Evidence from Divisional Cities of Bangladesh – Grant received as Mentor from BCCP in 2019
- Health hazards among women involved in tobacco curing in a selected rural area of Bangladesh – Grant as Mentor received from BCCP in 2018
- A baseline public health situational analysis for implementing a “Healthy City” project to combat non-communicable diseases in a selected municipality of Bangladesh – Grant received as Co-Investigator from Directorate General of Health Services, Ministry of Health, Government of Peoples Republic of Bangladesh.
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### **JOURNAL EDITORIAL BOARD MEMBER:**

- Associate editor, **Medical Journal of Clinical Trials & Case Studies (MJCCS)** MedWin Publishers.
- Associate editor, Journal of Diabetes and Endocrinology
- Associate Editor – European Journal of Medical and Health Sciences
- Editorial board member – EC Emergency Medicine and Critical Care

### **CONFERENCE SESSION CHAIR/SCIENTIFIC COMMITTEE MEMBER:**

- Session Discussant of International Conference on Rohingya Crisis in Bangladesh: Challenges and Sustainable Solutions, July 27<sup>th</sup> – 28<sup>th</sup> 2019, North South University, Dhaka, Bangladesh.
- Session chair of 4th International Conference on Public Health, 19<sup>th</sup> – 21<sup>st</sup> July 2018, Bangkok, Thailand.
- Member, Scientific Committee of 4th International Conference on Public Health, 19<sup>th</sup> – 21<sup>st</sup> July 2018, Bangkok, Thailand.
- Member, Scientific Committee, International Conference on Genetics, Nanotech and Bioengineering 2017

### **CONSULTANCY WORKS**

- Health Consultant - Public Private Partnership Authority (PPPA), Prime Minister’s Office, Government of the People’s Republic of Bangladesh – April 2016 to December 2016.
- Health Management Expert- Ministry of Finance, Kabul, Afghanistan – December 2018 to till date

## PUBLICATIONS

### Book Chapter

- Trends in Biochemistry and Molecular Biology. Nova Science Publishers, Inc. NY 11788 USA. In Press. Publication date: January 2020. ISBN: 978-1-53616-435-0.

### Journal articles

1. **Mohammad DH Hawlader**, Sanjana Zaman, Moshir Rahman, Mohammad NM Khan, Aazia Hossain, Gias U Ahsan. Determinants and common presentation during diagnosis of vitamin D deficiency among Bangladeshi children: A hospital based case-control study. Accepted by Journal of Epidemiology, Biostatistics and Public Health on November 2019.
2. Iqbal Masud, Mohammad Hayatun Nabi, Tasnuva Humaira, Amir Hussain, Farah Naz, Sanjana Zaman, **Mohammad Delwer Hossain Hawlader**. Treatment seeking pattern of relapse cases of substance use disorder in Bangladesh. Accepted by Indian Journal of Public Health Research and Development on November 2019.
3. Sanjana Zaman, Hiroko Fukushima, Ryoko Suzuki, Shoji Yoshimatsu, **Mohammad Delwer Hossain Hawlader**, Takashi Fukushima. TPMT and ITPA Gene Polymorphism and Their Adverse Events during Chemotherapy of Acute Lymphoblastic Leukemia among Bangladeshi Children. Iranian Journal of Blood and Cancer 2019; 11(3): 96-100.
4. Rokshana Rabeya, Mohammad Hayatun Nabi, Ariful Bari Chowdhury, Sanjana Zaman, Mohammad Niaz Morshed Khan, **Mohammad Delwer Hossain Hawlader**. Epidemiology of dyslipidemia among adult population of Bangladesh. Rom J Diabetes Nutr Metab Dis. 2019; 26(2): 99-106
5. Atiqur Rahman Khan, Mohammad Jobair Khan, **Mohammad Delwer Hossain Hawlader**. The epidemiological profile of knee injury pattern among different divisional football players. Turk J Kinesiol 2019; 5(2): 50-56.
6. Alam MM, **Hawlader DH**, Hossain A, Zaman S, Ahsan GU. Knowledge and Practice of Hepatitis B among Biological and Biomedical Sciences Students in a Public University of Bangladesh. Mymensingh Med J. 2019 Apr; 28(2):389-398.
7. Mohammad Morshad Alam, **Mohammad Delwer Hossain Hawlader**, Abrar Wahab, Md. Delowar Hossain, Shajeda Akter Nishat, Sanjana Zaman, Gias Uddin Ahsan. Determinants of overweight and obesity among urban school-going children and adolescents: a case-control study in Bangladesh. International Journal of Adolescent Medicine and Health. 2019. 20180034.
8. Rokshana Rabeya, Sanjana Zaman, Ariful Bari Chowdhury, Mohammad Hayatun Nabi, **Mohammad Delwer Hossain Hawlader**. Magnitude and determinants of hypothyroidism among dyslipidemic patients in Bangladesh: A hospital based cross-sectional study. International Journal of Diabetes and Metabolism. 2019; DOI: 10.1159/000499379
9. Yuko Nozawa, **Mohammad Delwer Hossain Hawlader**, Farzana Ferdous, Rubhana Raqib, Fahmida Tofail, Eva-Charlotte Ekström and Yukiko Wagatsuma. Effects of intrauterine growth restriction and postnatal nutrition on pediatric asthma in Bangladesh. Accepted on January 2019 by the Journal of Developmental Origins of Health and Disease 2019. 10.1017/S2040174419000096.
10. Dipannita Adhikary, Redoy Ranjan, Sabita Mandal, **Mohammad Delwer Hossain Hawlader**, Dipak Kumar Mitra and Asit Baran Adhikary. Prevalence of carotid artery stenosis in ischaemic heart disease patients in Bangladesh. SAGE Open Medicine, 2019; Volume 7: 1 –5.

11. Forhadul Hoque, Jobair Khan, Sanjana Zaman, Gias U Ahsan, **Mohammad Delwer Hossain Hawlader**. Outcome of Clubfeet by Physiotherapist Instructed Ponseti Method: A Case Study of 5 years. Clin Case Rep Open Access.2018; 1(3):115.
12. Abu Bakar Siddik, Muhammad Maqsd Hossain, Sanjana Zaman, Basana Marma, Gias Uddin Ahsan, Mohammad Rashed Uzzaman, Arman Hossain, **Mohammad Delwer Hossain Hawlader**. Descriptive Epidemiology of Multidrug Resistance Tuberculosis (MDR-TB) in Bangladesh. Journal of Tuberculosis Research, 2018, 6, 292-301.
13. Mahendra G, Sanjana Z, Ariful BC, Shaikh AS, Ahsan GU, **Mohammad Delwer HH**. Prevalence and Associated Factors of Hypertension among Nepalese Civil Servants. Med J Clin Trials Case Stud 2018, 2(10): 000179.
14. Muhammad Tareque Hasan, **Mohammad Delwer Hossain Hawlader**, Farhana Zaman, Md. Abul Hossain, Khandakar Md. Jakaria, Fahmida Sraboni, Shahadat Hossain, Asaduj Jaman Shad, Farhana Mirza, Raihan Al Masud Saidur Rahman Mashreky. Estimation of patient satisfaction over the Telemedicine service in the Urban community of Bangladesh. International Journal of Perception in Public Health. July 2018; 2(3): 158-164.
15. Sanjana Zaman, Hiroko Fukushima, Ryoko Suzuki, **Mohammad Delwer Hossain Hawlader**, Shoji Yoshimatsu, Yu Kanai , Gias U. Ahsan, Takashi Fukushima. Prevalence of Gilbert Syndrome in Bangladesh. Open Journal of Blood Diseases, 2018; 8: 1-9.
16. **Hawlader MDH** , Preity S, Abdullah ASM, Akhter S and Biswas A. Perceptions, Practices and Challenges in Schools for Autistic Children: A Qualitative Exploration of Teachers and School Authorities' Views in Bangladesh. Austin J Public Health Epidemiol. 2018; 5(1): 1065.
17. Sanjana Zaman, **Mohammad Delwer Hossain Hawlader**, Ariful Bari Chowdhury, Gias U. Ahsan. Psychiatric Morbidity of Chikungunya among Children in Bangladesh. Health, 2018, 10, 90-94.
18. Sanjana Zaman, **Mohammad Delwer Hossain Hawlader**, Animesh Biswas, Mahmudul Hasan, Mobashera Jahan, Gias U Ahsan. High Prevalence of vitamin D among Bangladeshi children: An emerging public health problem. Health, 2017; 9: 1680-1688.
19. Tek Bahadur Thapa, **Mohammad Delwer Hossain Hawlader**, Md. Akhter Hossain, Ariful Bari Chowdhury, Mohammad Hayatun Nabi, Sanjana Zaman, G.U. Ahsan. Status of post-traumatic stress disorder (PTSD) and its associated factors among secondary school students after fifteen months of earthquake in Bhaktapur district, Nepal. Asian Journal of Medicine and Health. 2017; 7(4): 1-9.
20. Sumayia Preity, **Mohammad Delwer Hossain Hawlader**, Shaheen Akhter , Abu Sayeed Md. Abdullah, Animesh Biswas. Views of the Parents of Autistic Children about Autism and Schools for Autistic Children: A Qualitative Study in Urban Bangladesh. International Journal of Public Health Research. 2017; 5(5): 56-61.
21. Animesh Biswas, Jahangir Hossain, Abu Sayeed Md. Abdullah, Koustuv Dalal, Saidur Rahman Mashreky and **Delwer Hossain Hawlader**. Rescue and Emergency Management of a Water-Related Disaster: A Bangladeshi Experience. Asian Journal of Medicine and Health. 2017; 4(1): 1-9.
22. Haruko Takeuchi, Md Al Fazal Khan, Mohammad Yunus, Md Imrul Hasan, **Delwer Hossain Hawlader**, Sayaka Takanashi, Hirotsugu Kano, Khalequz Zaman, Hafizul R Chowdhury, Yukiko Wagatsuma, Shinji Nakahara, Tsutomu Iwata. Anti-Ascaris Immunoglobulin E associated with bronchial hyper-reactivity in 9-year-old rural Bangladeshi children. Allergology Int. 2016 Apr; 65(2): 141-6. **Impact Factor 3.19**
23. Haruko Takeuchi, Al Fazal Khan, Mohammad Imrul Hasan, **Mohammad Delwer Hossain Hawlader**, Mohammad Yunus, Khalequz Zaman, Hafizur Rahman Chowdhury, Sayaka Takanashi, Yukiko Wagatsuma, Tsutomu Iwata. Comment on IgE responses to Ascaris and mite tropomyosins are risk factors for asthma. Clin Exp Allergy. 2016 Jan; 46(1): 178-80. **Impact Factor 4.77**

24. Sultan Ahmed, Yukiko Wagatsuma, Maria Kippler, Renee Gardner, **Hawlader MDH**, Rubhana Raqib, Marie Vather. Arsenic exposure and cell-mediated immunity in pre-school children in rural Bangladesh. *Toxicol Sci.* 2014 Sep; 141(1):166-175. **Impact Factor 4.08**
25. **Hawlader MDH**, Noguchi E, El Arifeen S, Persson LA, Moore SE, Raqib R, Wagatsuma Y. Nutritional status and childhood wheezing in rural Bangladesh. *Public Health Nutr.* 2014 Jul; 17(7):1570-1557. **Impact Factor 2.48**
26. **Mohammad D. H. Hawlader**, Enbo Ma, Emiko Noguchi, Makoto Itoh, Shams E. Arifeen, Lars Ake Persson, Sophie E. Moore, Rubhana Raqib, Yukiko Wagatsuma. *Ascaris lumbricoids* infection as a risk factor for asthma and atopy in rural Bangladeshi children. *Tropical Medicine and Health.* 2014; 42(2): 77-85.
27. Hawkesworth S, Wagatsuma Y, Kahn AI, **Hawlader MD**, Fulford AJ, Arifeen SE, Persson LA, Moore SE. Combined food and micronutrient supplements during pregnancy have limited impact on child blood pressure and kidney function in rural Bangladesh. *J Nutr.* 2013 May; 143(5):728-34. **Impact Factor 4.15**
28. Khan AI, Hawkesworth S, **Hawlader MD**, El Arifeen S, Moore S, Hills AP, Wells JC, Persson LA, Kabir I. Body composition of Bangladeshi children: comparison and development of leg-to-leg bioelectrical impedance equation. *J Health Popul Nutr.* 2012 Sep; 30(3):281-90. **Impact Factor 1.18**
29. **M. Delwer Hossain Hawlader**, M. Arifuzzaman, M. Tajul Islam. Thalassaemia. *Shahtha Shonglap (icddr,b).* 2009; 17 (2): ISSN 1021-2078.
30. ABMS Alam, ASMB Karim, MZ Hussan, **MDH Hawlader**, JA Begum. Effect of nutritional therapy on serum phosphate concentration in children with severe Protein Energy Malnutrition. *DS (child) HJ.* 2009; 25: 21-25.

#### CONFERENCE ATTENDED

- Attended as oral presenter in 4<sup>th</sup> International Conference on Applied Science and Health, Faculty of Graduate Studies, Mahidol University, Bangkok, Thailand on 23-24 July 2019.
- Attended as poster presenter in “International Conference of Korean Society of Hematology (ICKSH), 2019” held at Grand Walkerhill Hotel, Seoul, Korea on March 14 – 16, 2019,.
- Participated as poster presenter in International Conference on Genomics, Nanotech and Biotechnology (ICGNB), organized by North South University during, May 14 – 17, 2017.
- Participated as oral presenter in Joint Congress of Asia Pacific Association of Allergy Asthma and Clinical Immunology (APAAACI) and Asia Pacific Association of Pediatric Allergy, Respiriology and Immunology (APAPARI) 2016 Conference, held in Shangri-La Hotel, Kualalumpur on 17<sup>th</sup> to 20<sup>th</sup> October 2016.
- Participated at ‘6th Regional Public Health Conference’ organized by Bangladesh University of Health Sciences, in 21-22 December, 2015, Dhaka, Bangladesh
- Participated as poster presenter in “Asia Pacific Association of Allergy, Asthma and Clinical Immunology (APAAACI)” Congress organized by World Allergy Organization (WAO) at Taipei, Taiwan on 14-17 November, 2013,
- Attended Team Medical Education Workshop 2013 Winter, titled "Work in a Team, Leadership Inspires the Team!", at the University of Tsukuba Hospital on February 21, 2012.
- Participated 1st International Health Conference organized by International Islamic University of Malaysia (IIUM) on 7-8 Dec, 2011, Quantan, Malaysia as oral presenter
- Attended Regional Road Safety Conference organized by CIPR,B and BUET on March 14 - 15, 2007
- Attended several ASCON conferences organized by icddr,b

### THESIS SUPERVISION:

- PhD student supervision –
  - Mohammad Niaz Morshed Khan, Hiroshima University, Hiroshima, Japan – Enrolled for September 2019.
  - Dr. Mostafa Al Amin, Swinburne University, Melbourne, Australia – Enrolled in January 2019.
  - Dr. Ariful Bari Chowdhury, Swinburne University, Melbourne, Australia – Enrolled in September 2018.
- MPhil student supervision -
  - Muhammad Tareque Hasan, Bangladesh University of Professional, Dhaka, Bangladesh – Enrolled in January 2019.
- MPH student supervision –
  - Supervised more than 200 master's student's thesis in North South University.

### TEACHING

- 3 months as Associate Professor in North South University, Dhaka, Bangladesh
- 2.5 Years as Assistant Professor in North South University, Dhaka, Bangladesh
- 2.5 Years as Assistant Professor in Bangladesh University of Health Sciences, Dhaka, Bangladesh
- 1 Year as Visiting Associate Professor in Hiroshima University, Japan

### References:

1. Prof. Dr. Dipak Kumar Mitra  
Professor and Chairman, Department of Public Health  
North South University (NSU)  
Plot # 15, Block # B, Bashundhara R/A, Dhaka - 1229, Bangladesh  
Phone: PABX: +88-02-55668200  
E-mail: [dipak.mitra@northsouth.edu](mailto:dipak.mitra@northsouth.edu)  
Web: [www.northsouth.edu](http://www.northsouth.edu)
2. Prof. Yukiko Wagatsuma  
Professor and Head  
Dept. of Clinical Trial and Clinical Epidemiology  
Graduate School of Comprehensive Human Sciences  
University of Tsukuba  
1-1-1 Tennodai, Tsukuba city, Ibaraki 305-8575, Japan  
Phone: +8180-5383-1664  
E-mail: [ywagats@md.tsukuba.ac.jp](mailto:ywagats@md.tsukuba.ac.jp)

### Certification

I hereby declare that all information stated in this CV is true and complete to the best of my knowledge. I authorize the concerned authority to verify the information provided in this CV.



Date: December 18<sup>th</sup>, 2019

**Dr. Mohammad Delwer Hossain Hawlader**