### **CURRICULUM VITAE**



### **Curriculum Vitae**

### Prof. Dr. Gias U. Ahsan

Ph.D., MPHM, DTM&H (MU), MBBS (CU)

### SUMMARY OF EXPERIENCE & ACHIEVEMENTS

- Over 28 years of professional experience as a senior administrator, teacher and researcher at North South University and other recognized institutions.
- ➤ 15 years of administrative & research experiences in different position as Pro vice chancellor (In charge), Dean, Department Chairman & Executive Director at North South University only.
- Over 100 journal and conference papers published.
- Over 60 key note papers presented at International and National Conferences
- Outstanding research and academic performance award
- Awarded merit scholarship at all levels of education.

### **CURRENT POSITION**

### **Pro Vice Chancellor (Designate)**

& Dean, (SHLS), NSU and Executive Director, Global Health and Climate Research Institute North South University

# ACADEMIC QUALIFIATION

**2003 Ph.D in Epidemiology,** Faculty of Tropical Medicine, Mahidol University. (*Top ranked University of Thailand*). Awarded with WHO and TDR merit scholarship.

**Thesis Title:** Gender Difference in Tuberculosis Case Detection, Treatment Seeking Behavior and Treatment Compliance of TB Patients of Rural Communities of Bangladesh (Conducted With WHO/TDR scholarship) and Published In High Impact International Journal.

- 1993 MPHM (Master of Primary Health Care Management), ASEAN Institute for Health Development (AIHD), Mahidol University, Thailand. Awarded with scholarship
- **1992 DTM&H** (Diploma in Tropical Medicine and Hygiene), Faculty of Tropical Medicine, Mahidol University, Thailand
- **MBBS,** Sylhet Osmani Medical College, Chittagong University, scholarship from Government of Bangladesh
- 1982 H.S.C (Science) 1<sup>st</sup> Division with Star Marks & Board Scholar, Comilla Victoria College.
- **1980** S.S.C (Science) 1<sup>st</sup> Division with Star Marks & Board Scholar, Daudkandi Govt. Pilot School.

# SUMMARY (CONT.)

- Research grant awarded from NASA, IDRC, WHO/TDR, UNDP etc.
- Editorial Board Member of two International and National journals
- Visiting scholar and chair of notable number of international and national scientific seminars.
- Most Outstanding TROPMED Mahidol University Alumni Award, 2015
- Outstanding Alumnus Award for excellence in Executive Administration, Graduate Studies of Mahidol University Alumni Association, 2018

### EXPERIENCE AND ACHIVEMENT

I have more than 28 years of professional experience as Pro Vice Chancellor (designate), Dean, Department chairmen, teacher, trainer and researcher. I have 16 years of teaching, research and administrative experiences at North South university and other universities only. In addition, I served more than 13 years as administrator, researcher and training specialist of health personnel development program of Ministry of Health & Family Welfare, Bangladesh. Before joining to North South University.

I have been currently working as the Pro Vice Chancellor (Designate), Dean of School of Health & Life Sciences and ensured visible and significant improvements in graduate and undergraduate education programs in quality and quantity with consistent support from NSU authority. I have also been working as the Executive Director of Global Health and Climate Research Institute. I had also been working as the Founder Chairman of the Department of Public Health and facilitated to develop a solid and sound academic and research facilities for faculty members and students in the department. I established productive collaboration with government, International organization and NGOs for attracting meritorious students. facilitated scholarship, internship and job opportunities in leadership position in UNO, international organization and NGOs. I have been awarded research grants as Lead Researcher (PI) and NSU as a leading University from WHO, TDR, Canadian IDRC, UNDP, NASA (USA), USAID, and others. I have been serving as Member of the Technical Advisory council of World Health Organization (WHO), South East Asia Regional Office, New Delhi, India and attended World Health Assembly (68th) and regional WHO program as expert member of Bangladesh Government Delegation 2015. With this and my others international affiliation, NSU reputation and international recognition are consistently raising.

I have been awarded Ph.D degree (Major in Epidemiology) as a full bright scholar of the World Health Organization (WHO/TDR), MPHM, and DTM&H degrees from the Mahidol University, Thailand which is recognized as the center of excellence for higher education and research in public health and bioscience in the world and top ranked university in Thailand. I have been acquired outstanding research award from WHO/TDR, Geneva for contribution in PhD research in TB Control of Bangladesh.

Mahidol University has recently recognized my contribution in research academics and leadership and awarded me the Outstanding Alumnus 2015 Award from the Tropical Alumni Association of the Faculty of Tropical Medicine of Mahidol University, Thailand which graciously published in national and international medias and highlighted the name and fame of NSU.

I have been serving as the Executive Board Member, South East Asia Public Health Education Institutes Network (SEAPHEIN) since 2003. I have experience in teaching also been working as visiting Professor and Scholar of many reputed national and international universities. Under the guidance of NSU authority, I have facilitated wide collaboration network with many reputed international universities (Johns Hopkins University, University

### BASIC INFORMATION & CONTACT

Date of Birth: 15 March

1965

Citizenship: Bangladeshi

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of Maryland, University of Manitoba, Texas University, Mahidol University, Bangkok University, Assumption University etc) and institutions (WHO, Public Health Agency of Canada, USAID, ICDDR,B, etc). Recently a number of MoU have been signed under my initiative between NSU and University of Maryland, Texas University, George Washington University & University of Manitoba.

I have been awarded research grants from international donors namely, Canadian IDRC, WHO/TDR, NASA, U.S. Child Health Foundation, UNDP and others. I have also worked as a focal person in collaborating North South University with various North American Universities like University of Maryland, Johns Hopkins Bloomberg School of Public Health, University of Harvard etc. while I also played an important role under the guidance of NSU authority for inviting distinguished Prof. Dr. Rita R Colwell who joined as the 19th Convocation Speaker of North South University. I have attracted the Harvard team for Global Leadership Program at North South University, which is first of its kind in Bangladesh.

I myself along with distinguished Prof. Dr. Rita R Colwell initiated the NGHI, which is the first of this kind in the history of private universities of Bangladesh, for combating the major challenges of public health, climate change and biomedical sciences with donors support. I have also been working as a visiting professor in the reputed universities of Asia, North America and in Europe

I Chaired many international & national scientific and professional seminars & symposium. I have presented many keynote & research papers in the international conferences. I have been working as an Executive Board Member and Chair of the Session for International Congress for HIV/AIDS in Asia and Pacific 12 (ICAAP 12) and ensured NSU partnership with the Ministry of Health & Family Welfare for hosting this prestigious conference which is first of this kind in Bangladesh.

I am currently working as editor & reviewer of many national and international journals. I published more than fifty research articles in the international & national peer reviewed journals. I have been awarded many prestigious International & National Research & Training Grants as the Project Leader and Principal Investigator. Most of my research works include Eco-Bio-social research on Dengue, Gender & Tuberculosis, HIV/AIDS, Disaster Management, Violence Against Women funded by the Canadian IDRC, WHO/TDR, UNFPA, UNDP, UKAID, CARE Bangladesh. I successfully conducted the evaluation of UNFPA-reproductive and child health care program of Bangladesh (64 district) as the team leader and principal investigator with financial support of UNFPA, Bangladesh.

### APPOINTMENT HISTORY (DECENDING ORDER)

### A. North South University

| Position                                      | Institution               | Duration  | Remarks                                    |
|---|---------------------------|---|--|
| Pro Vice Chancellor (Designate)               | North South University    | February 2017 to Date                             | Engaged in promoting quality               |
|   |                           | 1 year 6 months                                   | education and research at NSU              |
| Dean, School of Health & Life Sciences        | North South University    | October 2013 to date                              |  |
|   |                           | 4 years   |  |
| Executive Director, Global Health and Climate | North South University    | 2013 till to date Founder Executive Director, NSU |  |
| Research Institute                            |                           | 5 years   |  |
| Professor/Assoc. & Assist & Chairman,         | North South University    | Oct 2003 to 2016                                  | Founder Chairman of the                    |
| Department of Public Health                   |                           | 13 years  | Department of public Health,               |
|   |                           |   | NSU  |
| Faculty advisor, NSU Public Health Club       | North South University    | December 2009 to                                  | Founder advisor                            |
|   |                           | March 2015  |  |
| Canadian IDRC Project leader                  | Eco-Bio-Social Dengue     | April 2010 to 2016                                | 1 <sup>st</sup> of this kind in Bangladesh |
| (Bangladesh)                                  | Research Project          |   |  |
| Asst. Prof. Cum Coordinator, Department of    | North South University    | May 15, 2006 to June                              | Developed all academic curricula           |
| Life Sciences                                 |                           | 23, 2007  | of the school                              |
| Team Leader                                   |                           |   | Capacity Strengthening (Post-              |
| (Principal Investigator)                      |                           |   | Doctoral ) Program Awarded                 |
|   |                           |   | by WHO/ TDR, Geneva                        |
| Founder Chairman of Department of             | State University of       | Aug 2004-April 2006                               |  |
| Public Health                                 | Bangladesh                |   |  |
| Visiting Professor                            | State University of       | Sep 2003 –Aug 2004                                |  |
|   | Bangladesh                |   |  |
| Visiting Professor of the Department of       | Northern University       | Sep 2003 –Aug 2004                                |  |
| Public Health                                 |                           |   |  |
| Training Specialist: In-service Training      | DGHS, Health &            | Dec 1993 to May 2003                              |  |
| Department                                    | Population Sector Program |   |  |
| Medical Officer, TB & Leprosy Control         | DGHS, Ministry of Health  | May 15-Nov 30, 1993                               |  |
| Officer of National TB & Leprosy Control      | & Family Welfare          |   |  |
| Program                                       |                           |   |  |
| Medical Officer                               | Dhaka National Medical    | 1990-1993   |  |
|   | Institute Hospital, Dhaka |   |  |

### B. Chairman / Vice-Chairman & Member of University Statutes & Committee:

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- Member of Syndicate and Academic Council, North South University, (2013 till date)
- Chairman of Faculty Leave Committee, North South University, (2017 till date)
- Chairman of Conference Travel and Research Grant Committee, North South University, (2017 till date)
- Chairman of Academic Review Committee, North South University, (2017 till date)
- Chairman of Library Committee, North South University, (2017 till date)
- Chairman of Need Assessment Committee, North South University, (2017 till date)
- Vice Chairman of Faculty Search Committee, North South University, (2017 till date)
- Vice Chairman of Faculty Promotion Committee, North South University, (2018 till date)
- Vice Chairman of Admission Committee for Undergraduate and Graduate Program,
   North South University, (2017 till date)
- Vice Chairman of Degree Review Committee, North South University, (2017 till date)
- **Member of Finance Committee,** North South University, (2006 till date)
- Member of Administrative Appointment Committee, North South University, (2006 till date)
- Member of Faculty Promotion Committee, North South University, (2006 till date)
- Member of Faculty Appointment Committee, North South University, (2006 till date)
- Member of Faculty Administration Committee, North South University, (2006 till date)
- Member of Law and Constitution Committee, North South University, (2006 till date)
- Member of Campus Development Committee, North South University, (2006 till date)
- Member of Audit Committee, North South University, (2006 till date)
- Member of Academic Council, North South University, (2006 till date)

### RESPONSIBILITIES

### 1) Pro Vice Chancellor (Designate)

Reporting directly to the Vice Chancellor, the position has the following major responsibilities:

- > Provide strategic leadership to the faculty in the context of NSU values, strategic priorities and operational objectives.
- > Develop faculty strategic plans and operational plans with quantifiable targets for teaching and learning, research and engagement.
- > Develop mutually beneficial relationships between the University and government, industry, business and legal professions, other major stakeholders and the community at large.
- ➤ Improve student satisfaction with teaching, units and programs and further develop generic skills.
- > Further develop the faculty's research culture through appropriate selection, confirmation promotion, time release of academic staff as well as effective mentoring and appropriate staff development opportunities.
- ➤ Internationalize faculty curriculum, culture, relationships and outlook.
- > Establish accountability in all areas of faculty administration and lead and motivate senior staff in the faculty
- > Establish and maintain an effective budget and financial management system in the faculty.
- Ensure effective performance management of staff.
- > Contribute constructively to the discussions and debates in the VCPMG (senior management group)
- > Develop and implement an ambitious student equity and access agenda.
- Ensure compliance with occupational health and safety, equity and equal opportunity and other relevant university policies in the faculty.
- Strengthening research strategy & policy aiming to maximize programs at NSU with national and international faculty
- > Promoting research and publication to facilitate research reputation
- > Developing strategies to promote academic reputation
- Developing strategies to promote administrative reputation

### 2) Dean, School of Health & Life Sciences

Reporting directly to the Vice Chancellor, the position has the following major responsibilities:

- Provide strategic leadership to the School of Health & Life Sciences in the context of NSU values, strategic priorities and operational objectives.
- > Develop School strategic plans and operational plans with quantifiable targets for teaching and learning, research and development.
- > Develop mutually beneficial relationships between the reputed Universities and government and other major stakeholders and the community at large.
- ➤ Improve student satisfaction with teaching, units and programs, and further develop generic skills.
- ➤ Pioneering the establishment of the North South University Global Health Institute (NGHI) with the support from the NSU authority and donor agencies.
- ➤ Ensured Student Learning Outcomes (SLO) and Institutional Learning Outcomes (ILO) assessment.
- ➤ Leading quality faculty recruitment and development process under the School.
- ➤ Leading US accreditation under Center for Education in Public Health (CEPH) and Pharmacy programs.
- > Organizing national and international seminars regularly.
- Further develop the School research culture through appropriate selection, confirmation, promotion, as well as effective mentoring and appropriate staff development opportunities.
- Internationalize the curriculum, culture, relationships and outlook of the School.
- ➤ Establish accountability in all areas of School administration and lead and motivate senior staff in the School.
- > Ensure effective performance management of staff.
- > Develop and implement an ambitious student equity and access agenda.
- ➤ Ensure compliance with all four department research and academic activities under the School of Health & Life Sciences, equity and equal opportunity and other relevant university policies in the School.

### 3) Chairman, Department of Public Health

## Reporting directly to the Dean, School of Health & Life Sciences, the position has the following major responsibilities:

- As a founder Chairman, with the full support of the North South University authority, he pioneered to establish world class academic and research facilities including developing global standard curricula.
- ➤ I have extensively contributed in the development of the department which now encompasses established professionals in the various organizations and institutes for career development or in further research and studies.
- Assisting the US accreditation of under Center for Education in Public Health (CEPH) and Pharmacy programs.
- Regular updating of the public health curricula.
- > Organizing faculty meeting with the faculty members of the public health department.
- ➤ Implementing the Student Learning Outcomes (SLO) and Institutional Learning Outcomes (ILO) assessment.
- Facilitating and implementing the research activities of the North South University Global Health Institute (NGHI) with the support from the NSU authority and donor agencies.
- > Ensuring development and implementation of strategic leadership plans to the department of public health in the context of NSU values, strategic priorities and operational objectives of the department.
- > Pioneered & played key role in recruiting highly educated and experienced faculty members.
- > Played key role in attracting quality students and promoting largest Public Health program.
- Ensured wide collaboration network with national and international organizations that facilitated student internship and career development in the prestigious organization at home and abroad.
- > Ensured prestigious scholarship for NSU MPH students USAID, Canadian IDRC etc. That facilitated attracting meritorious students.
- > Pioneered & played key role in recruiting highly educated and experienced faculty members.
- ➤ Ensured wide collaboration network with national and international organizations that facilitated student internship and career development in the prestigious organization at home and abroad.
- > Ensured prestigious scholarship for NSU MPH students USAID, Canadian IDRC etc. That facilitated attracting meritorious students.

### AWARDS AND GRANTS

- ▶ Outstanding Alumnus Award for excellence in Executive Administration, Graduate Studies of Mahidol University Alumni Association, 2018
- ▶ Most Outstanding TROPMED Mahidol University Alumni Award, 2015
- ▶ Initiated the establishment of the North South University Global Health and Climate Research Institute with the support from the NSU authority and donor agencies.
- ▶ Initiated the establishment of the North South University Genome Research Institute (NGRI) with the support from the NSU authority and donor agencies.
- ▶ NASA Climate Change Project initiated for the North South University Global Health and Climate Research Institute (NGH&CRI)
- ▶ Awarded IDRC Research Grants as Principal Investigator for Eco-bio social research for dengue control and prevention in Bangladesh; 2010-2015 (CAD 176,000)
- ▶ Awarded Post doc (RCS) WHO/TDR Research Grants as Principal Investigator for Gender Sensitive TB Control Intervention (WHO/TDR; 2003-05 (USD 100000)
- ► Awarded WHO/TDR Research for Gender differences study in TB control; 2000-2003 (USD 120000)
- ► Awarded TROPMED Mahidol University Outstanding Presentation Award
- ► Awarded Disaster Capacity Management & Training Grants as team leader; 2012-2014 (USD 50,000)
- ► Awarded three national studies of Care Bangladesh as the team leader and principal investigator for Rapid Situation Assessment on HIV/AIDS among high risk populations at Rangamati, Noakhali and Mymensingh (Haluahgat) districts) with financial support of Care Bangladesh; 2005 (USD 10,000)
- ▶ Awarded as team leader and principal investigator of the evaluation of UNFPA-reproductive and child health care program of Bangladesh (64 district) with financial support of UNFPA, Bangladesh; 2005 (USD 10,000)

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# VISITING SCHOLAR, SPEAKER, AND CHAIR OF INTERNATIONAL CONFERENCES

- Invited to be a session chair at the 4<sup>th</sup> International Conference on Public Health (ICOPH 2018), Bangkok, Thailand.
- Chair of the Steering Committee of International Conference on Genomics Nanotech and Bioengineering – 2017, North South University, Dhaka, Bangladesh.
- Invited as special guest of Mahathir Science Award at Kuala Lumpur, Malaysia, October, 2016
- Invited speaker and chair of free paper session at 14th World Congress on
- . Public Health at Science City, Kolkata, from 11th to 15th February, 2015
- Invited speaker and session chair of Joint International Tropical Medicine Meeting(JITTM 2014) 2-4 December 2014, Centara Grand & Bangkok Convention Center, Central World, Bangkok, Thailand
- Invited presenter of "Impact of Climate Change and its Vulnerability in Bangladesh: It Should be a Major Issue" 3<sup>rd</sup> International Congress on Environmental Health 2014, Portugal, 24-26 September 2014
- Invited speaker of the AIDS Conference 2014, Melbourne, Australia
- Invited international speaker & Chair of the 6<sup>th</sup> International Public Health Conference, Ecological perspectives in Public Health for Sustainable Development: Changes, Risks and challenges, Bangkok, Thailand; 2013
- Visiting Professor of ASEAN Institute for Health Development (AIHD), Mahidol University,
   Thailand
- Invited international speaker & Chair of the 6th SEAPHEIN International Public Health Conference Ecological Perspectives in Public Health for Sustainable Development: Changes, Risks, and Challenges, Colombo; 2013
- Visiting Scholar of World Health Organization (WHO) at National Public Health Institute of Malaysia, Jalan Bansar, Kualalampur, Malaysia; 1997
- Visiting Professor/ Scholar of World Health Organization (WHO) at Dhurjakit Pandit University (Communication & Development Center), Bangkok, Thailand; 1997
- Visiting Speaker at Asean Institute for Health Development (AIHD); 1999
- Invited keynote speaker of Kathmundu International Conference invited by ICI Mod, Kathmundu, Nepal; 2010
- Invited speaker of The International Symposium on Global Health Borderless Movement of Diseases, 25<sup>th</sup> year of Success of HFA & AIHD, Bangkok, Thailand; 2007

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- Invited speaker of Joint International Tropical Medicine Meeting and 6th Asia-Pacific Travel Health Conference(JITMM 6th APTHC), Bangkok, Thailand; 2006
- Invited speaker of HIV/AIDS Awareness and Risk Behavior Among The Tea Garden Workers
  of Bangladesh, International Symposium on "Global Health: Borderless Movement of
  Diseases", 25<sup>th</sup> years of Success of HFA & AIHD, Thailand; 2007
- Invited speaker of The Third International Asian Health and Wellbeing Conference for Building Healthy Communities: North & South, Auckland University, New Zealand; 2008
- Invited Speaker of the Barrier towards Access to Health Care for Patients living with HIV/AIDS in Bangladesh." International Conference on Knowledge Globalization (ICKG), NSU & Suffolk University, Bangladesh; 2010
- Invited international speaker of The Changing Pattern, Future Challenges and Strategy for Primary Health Care & Public Health in Bangladesh, International Symposium for Regional Network Development for the Future of Primary Health Care Research and Teaching Imperatives, AIHD Thailand; 2010
- Invited international speaker of the Female Friendly TB-care intervention: An effective model
  for minimizing gender disparities in TB-care in rural communities of Bangladesh", The Third
  International Asian Health and Wellbeing Conference for Building Healthy Communities:
  North & South, Auckland University, New Zealand; 2008
- Invited international speaker of the Magnitude Of Public Health Problem Of Pandemic Influenza 2009 In Bangladesh, Joint International Tropical Medicine Meeting (JITMM) and Tropical Health in a Time of Economic Crisis, Thailand; 2009
- Speaker & Chair of the organizing committee of the international conference on Eco-biosocial research funded by Canadian IDRC, Bangladesh; 2010

### RESEARCH & PUBLICATIONS

- Ali S. Akanda, Sonia Aziz, Antarpreet Jutla, Anwar Huq, Munirul Alam, Ahsan G.U "Satellites and Cell Phones Form a Cholera Early-Warning System" EOS, Earth and Space Sciences News, Vol. 99, No. 6, June 2018.
- Kishor Kumar Paul, Parnali Dhar-Chowdhury, C. Emdad Haque, Hasan Mohammad Al-Amin, Doli Rani Goswami, Mohammad Abdullah Heel Kafi, Michael A. Drebot, L. Robbin Lindsay, Ahsan G.U, W. Abdullah Brooks, "Risk factors for the presence of dengue vector mosquitoes, and determinants of their prevalence and larval site selection in Dhaka, Bangladesh" PLOS ONE, https://doi.org/10.1371/journal.pone.0199457, June 21, 2018
- Maqsud Hossain, Samiha Tasnim, Abdullah Bin Hossain Rayhan, Mohammad Tanvir Ibna Ashad Khan, Nayeema Bulbul, Ashrafus Safa, Abdus Sadique, Ahsan G.U, Jinath Sultana Jime, "Genome Sequence of chromate resistant and reducing Bacillus cereus TN10 strain isolated from tannery effluents of Bangladesh"
- C. Emdad Haque, Kishor Kumar Paul, Parnali Dhar Chowdhury, Ahsan G.U, Robbin Lindsay, Michael A. Drebot "Risk factors for Aedes mosquito abundance dengue seroprevalence and seroconversion in Dhaka, Bangladesh"
- Ahsan G.U, Khadija Leena, Mobashera Jahan, S.A.M Ashik-Ur-Rahman "Transformative learning on public health research for next generation of public health experts in Bangladesh"
- M.Jahan, M.Ahsan, S.Lina, N.Ahmed, K.Leena, **Ahsan G.U** "Status of tobacco consumption habits among female consumers in Bangladesh"
- Segufta Dilshad, SSM Sadrul Huda, Ahsan G.U "Application of health belief model for prevention of diabetes mellitus among youths of Muscat, Oman"
- S.Aziz, **Ahsan G.U,** A.Akanda, A. Jutla, A.Huq, R.Colwell, M.Jahan, S.Rahman "Awareness level and valuation of satellite predicted Cholera prevention"
- S.Aziz, Ahsan G.U, A.Akanda, A. Jutla, A.Huq, R.Colwell, M.Jahan, A.Renesa "An overview of NASA earth observation in predicting Cholera outbreaks"
- Mukesh Jain, Sohidul Islam, A. S. M. Zisanur Rahman, Sharmin Akhtar, Kazi Nadim Hasan, Ahsan G.U, Abdul Khaleque, Maqsud Hossain "Molecular analysis of hemagglutinin, neuraminidase, matrix genes provide insight into the genetic diversity of seasonal H3N2 human influenza a viruses in Bangladesh during July–August, 2012" https://doi.org/10.1007/s13337-018-0431-y
- Farzana Sultana, Md. Akhter Hossain, **Ahsan G.U** "Level of awareness on sexual and reproductive health rights"

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- Sanjana Zaman, Hiroko Fukushima, Ryoko Suzuki, Mohammad Delwer Hossain Hawlader, Shoji Yoshimatsu, Yu Kanai, Ahsan G.U, Takashi Fukushima "Prevalence of Gilbert Syndrome in Bangladesh" Open Journal of Blood Diseases, 2018, 8, 1-9, http://www.scirp.org/journal/ojbd, ISSN Online: 2164-3199, ISSN Print: 2164-3180.
- Yamin Tauseef Jahangir, Pranee Liamputtong, Amit Arora, Mohammad Hayatun Nabi, Mohammad Samiur Rahman Chowdhury, Ahsan G.U, Samantha B Meyer "Helathcare Provider Perspectives regarding the Role of mHealth in increasing Access to, and Awareness and Use of Sexually Transmissible Infection Services by Women in Bangladesh" JMIR MHEALTH AND UHEALTH
- Syed Nazmul Husain, Md. Akhter Hossain, Ahsan G.U "Prevalence and magnitude of occupational muscular-skeletal pain among private bankers of Dhaka city, Bangladesh"
- S.A.M Ashik-Ur-Rahman, **Ahsan G.U**, Tania Rahman, Nawara Faiza Ahsan "Tobacco consumption through flavored shisha among university students in Dhaka city of Bangladesh"
- Ahmed Hossain, **Ahsan G.U** and Hayatun Nabi (2016) An Integrated Approach for Identifying Genes Associated with Chemotherapy Resistance in High-grade Serous Epithelial Ovarian Cancer, Advances in Modern Oncology Research (173).
- SM Shahidul Islam, **Ahsan G.U** "Mental disorder among the victims of trafficking" Bangladesh Journal of Medical Science. BJMS. Volume 20& 21, Number 01& 02, March & September 2014 & 2015, PP. 44-47.
- M Habibur Rahman, SM Shahidul Islam, Ahsan G.U "Introduction of Tele (Pro –Active)
   Policing in Dhaka district on trial basis" BJMS. Volume 20& 21, Number 01& 02, March & September 2014 & 2015, PP. 14-17.
- Ahsan G.U "Hyperglycemia down-regulates the cgmp-dependent protein kinase i expression in cytotrophoblasts" The Journal of the Federation of American Societies for Experimental Biology. 2014 vol 28 no. 1 Supplement LB241
- Md Shajedur Rahman Shawon, Fariha Binte Hossain, Gourab Adhikary, Rajat Das Gupta, Mohammad Rashidul Hashan, Md Fazla Rabbi and Ahsan G.U "Attitude towards diabetes and social and family support among type 2 diabetes patients attending a tertiary- care hospital in Bangladesh: a cross- sectional study" BMC Research Notes; 2016.
- Anwar Islam, **Ahsan G.U**, Tuhin Biswas "Health System Financing in Bangladesh: A situation Analysis" American Journal of Economics, Finance and Management; Vol. 1, No. 5, 2015, pp. 494-502 (http://www.aiscience.org/journal/ajefm).
- Mobashera Jahan, Md Hasanuzzaman, Sharmin Mahbuba, Hosne Jahan, Sakib Chowdhury,
   Ahsan G.U, Thomas J. Kuehl, Mohammad N. Uddin "Prevalence of preeclampsia in pregestational diabetic pregnancy in Bangladeshi patients" Pregnancy Hypertension: An

- International Journal of Women's Cardiovascular Health; Volume 5, Issue 1, January 2015, Pages 113–114.
- Nadira Mehriban, Ahsan G.U, Tajul Islam "Knowledge and Preventive Practices Regarding Hepatitis B among Nurses in Some Selected Hospitals of Dhaka City, Bangladesh" South East Asia Journal of Public Health 2014;4(1):48-52
- Shubranta S Sanjoy, Ahsan G.U, Hayatun Nabi, Ziaul F Joy and Ahmed Hossain "Prevalence and Occupational Factors Associated with Low Back Pain Among The Female Nurses: A Cross-Sectional Study in Bangladesh" BMC Musculoskelital disorders; 2016.
- Supa Penpid, Karl Peltzer and Ahsan G.U "Risk of Eating Disorders among University Students in Bangladesh" International Journal of Adolescent Medicine and Health. 2014 vol 26
- Ahsan G.U, M Nasir Uddin, Md. Akhter Hossain, Sharmin Mahbuba, Mobashera Jahan, Ashik-Ur-Rahman, Md. Hasanuzzaman "The Magnitude of Public Health Problems and Challenges in Reducing Maternal and Child Mortality in Bangladesh" Medical Journal of Obstetrics and Gynecology 2014
- Ahsan G.U, Deepa Barua, Sakib Chowdhury, Prashanta Nath Bhowmik, Tanzila Rafique, Ishtiaq Hossain, M. Nasir Uddin "Food Adulteration is a Burning Issue in Bangladesh" Bangladesh Journal of Medical Science 2014, P-56, Vol 19, No 02
- Ahsan G.U, K Bashar, O Rahman, CE Haque, R Lindsay, PD Chowdhury, M Jahan "Ecology and Disease Dynamics in Bangladesh: Vector Larval Indices and Risk for Dengue Epidemics in Dhaka" ECOHEALTH 2014 | CONNECTIONS FOR HEALTH, ECOSYSTEMS AND SOCIETY, THE 5TH BIENNIAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION FOR ECOLOGY & HEALTH, AUGUST 11-15, 2014, Co-hosted by Cinbiose and CoPEH-Canada | Université du Québec à Montréal, Canada.
- Mohammad Syaket Ahmed Shakil, Ahsan G.U, Quamrun Nahar, Nitai Kanti Das, Mobashera Jahan "Knowledge, Attitude and Practice (KAP) on Dengue Disease Prevention Among the Adult Residents of Mohakhali, Dhaka: An Ethnographic Study" ECOHEALTH 2014 | CONNECTIONS FOR HEALTH, ECOSYSTEMS AND SOCIETY, THE 5TH BIENNIAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION FOR ECOLOGY & HEALTH, AUGUST 11-15, 2014, Co-hosted by Cinbiose and CoPEH-Canada | Université du Québec à Montréal, Canada.
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### TEACHING EXPERIENCE

I worked as a faculty member for more than 15 years at North South University and other recognized universities as follows:

- North South University (NSU): 2006- to date (more than 12 years)
- State University of Bangladesh (SUB): 2003- 2005 (3 years)
- Technical Training Unit (TTU) of Ministry of Family Welfare: 1993-2000 (more than 6 years) My teaching performances always reveled as excellent consistently.

# TRAINING & CAPACITY DEVELOPMENT EXPERIENCE

- ▶ I have been awarded many prestigious International & National Research & Training Grants as a Project Leader/ Principal Investigator namely Eco-Bio-social research on Dengue, Gender & Tuberculosis, HIV/AIDS, Disaster Management, Violence Against Women etc. from the Canadian IDRC, WHO/TDR, UNFPA, UNDP, UKAID, CARE Bangladesh etc.
- ▶ Project Leader (PI), Canadian IDRC-NSU Dengue Research Project: I have been awarded the highly prestigious research grant from the International Development Research Centre (IDRC) of Canadian Government 5 years (2010-2015). This is the 1<sup>st</sup> time of this kind in the history of the Bangladesh to get Canadian IDRC grant to discover Dengue Hemorrhagic Fever (DHF) Prediction, Prevention and Control Model for tropical countries like Bangladesh. This is a joint Tran disciplinary research project with University of Manitoba, Canada, International Centre for Diarrheal Disease Research in Bangladesh (ICDDR, B), Ministry of Health and Family Welfare and North South University.
- ▶ I have been elected as the executive member of the Governing body of South East Asian Public Health Education Institution Network (SEAPHEIN)
- ▶ Principal Investigator of Disaster Management Project of Ministry of Food & Disaster Management sponsored by UNDP, UKAID, NORAD, AUSAID.
- ▶ Regional Coordinator & Principal Investigator of Asian Eco-Health Network Program, where the Department of Public Health of North South University has been selected as the Country Coordination Office.
- ▶ Principal Investigator (Bangladesh) of Global Health Multi Country Research Program: Health behavior survey among undergraduate university students in low and middle income countries.
- ▶ Project Director of the Capacity Development Program of the Apollo Hospitals Executives, Dhaka, Bangladesh

### INTERNATIONAL AND NATIONAL TRAINING

| COURSE TITLE   | YEAR | COUNTRY/VENUE   |
|--|------|---|
| Workshop on Recent Developments and Impact<br>Assessment of Sterile and Incompatible Insect<br>Techniques for Mosquito Control   | 2018 | Singapore   |
| To be Best Poster Judge at the Singapore International Water Week (SIWW) Water Convention  | 2018 | Singapore   |
| National Training on Human Resource Management for HPSP/ESP organized by Directorate HRM,DGHS  | 1999 | Conference Room DGHS,<br>Bangladesh                     |
| Training on Financial management of HPSP/ESP Fund  | 1999 | MOH&FW, BD  |
| International Training on advanced management of PHC Organized by AIHD, Mahidol University   | 1999 | AIHD, Thailand  |
| Advance Training of Trainer (A-TOT) & Management of Training Center For One month at Malaysia & Thailand (June 01 -June 30,1997) sponsored by WHO                                    | 1997 | Malaysia & Thailand                                     |
| The National Training on Gender awareness Organized sponsored by Ministry of Health & Family Welfare and UNFPA at hotel Purbani, Dhaka, Bangladesh.                                  | 1996 | Purbani, Dhaka, Bangladesh.                             |
| Research Methodology Training on Operational research for one week organized by BMRC, Mohakhali, Dhaka-1212 on Oct 1994  | 1994 | BMRC, Dhaka, Bangladesh                                 |
| Training on Word Perfect, dBase III+, EPI-INFO, SPSS-PC, Harvard Graphics etc. in the Institute of Computer Business Education for 6 months (From 01-06-93 to 31-12-93).             | 1993 | Institute of Computer Business<br>Education, Bangladesh |
| Training on "Management of TB and Leprosy control program at District/ Thana Level". from 24-07-1993 to 05-08-1993 at National TB Control Services, Shamoli, Dhaka, sponsored by WHO | 1993 | Planning Academy, Nelhket,<br>Dhaka                     |
| The National Training on TB and Leprosy control program held at Shamoli, Dhaka - 1207, Bangladesh.   | 1993 | Shamoli, Dhaka<br>Bangladesh                            |
| Training on "Clinical Leprosy" at Leprosy control Institute from 11-08-93 to 13-09-93 sponsored by WHO   | 1993 | Leprosy Institute, Mohakhali,<br>Bangladesh             |
| In the international Training on TB control Program in the context of PHC in Thailand.   | 1992 | AIHD, Thailand  |
| M R Training and services from 18-06-90 to 17-07-90 at Sylhet MAG Osmani Medical College Hospital.   | 1990 | Sylhet MAG Osmani Medical<br>College hospital           |

### **AUTHORSHIP FOR TEXT BOOKS & MANUALS**

### **Books**

- 1. **Foundation of Epidemiology**. Sanbed Publication, Dhaka, Bangladesh, Abir Publication, Dhaka, Bangladesh. (In Press)
- 2. **Research Methodology**, University Press Ltd. Dhaka, Bangladesh. (In Press)
- 3. **Public Health Practice**, Sanbed Publication, Dhaka, Bangladesh, Abir Publication, Dhaka, Bangladesh. (In Press)
- 4. **Disaster Management**, Sanbed Publication, Dhaka, Bangladesh, Abir Publication, Dhaka, Bangladesh. (In Press)

#### MANUALS AND CURRICULUM

- 1. Hossain A and **Ahsan GU**. "Curriculum on Program Management Training for midlevel manager of Directorate
- 2. General of Family Services; Situation Leadership and Conflict Management 2007
- 3. **Ahsan GU. and Bangali, A.M.** "Curriculum for Training of Trainers (TOT)", Health Personnel Training Project, DGHS, April, 1994,
- 4. **Bangali, A.M. and Ahsan, G.U.** Manual for Training in operation Management of THFPOs & MO'&;Health Personnel
- 5. Training project FPHP; MOHFW, DGHS, Jan, 1994 (Published)
- 6. Author of the Training curriculum for nurses, DGHS, Bangladesh, 1994 (Published)
- 7. Author of the Medicine curriculum for medical doctors, DGHS, Bangladesh, 1994 (Published)
- 8. Author of the training curriculum for HIs/ AHIs/ HAs, DGHS, Bangladesh, 1994 (Published)

### MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Bangladesh Medical and Dental Council registration number-A 19282.
- Life member of Bangladesh Medical Association (BMA).
- Life member of Public Health Association of Bangladesh.
- Member of Public Health Association of Bangladesh.
- Member of MPHM Alumni International, AIHD, Thailand

### EXTRA-CURRICULA AFFLIATIONS

- Regular speaker on health related programs of TV, Radio Bangladesh.
- Regular author/contributor of articles on public health issues for the Bangladesh Observer

### EXPERT MEMBER

- Medical Education, Training & Research Evaluation Committee (Ministry Of Health & Family Welfare)
- Expert member, Bangladesh Medical Research Council (BMRC)
- Examiner of National Defense College, Bangladesh
- External Examiner of Bangabandhu Sheikh Mujib Medical University (BSMMU)

### THESIS SUPERVISOR: MASTER'S/M.Phil/Ph.D DEGREE

**Dr. Parnali Dhar Chowdhury**, "Understanding dengue transmission by using participatory research and community-focused strategies for prevention and control in Bangladesh"

**Dr. Sabrina Islam,** "The Threat of Dengue Fever in Bangladesh: Effects of Climate Variability and Ecological Factors on Dengue Vector Abundance and Dengue Disease Occurrence"

Gp Capt M Yousuf Ali, "Urban Water management Option for Capital Dhaka"

**Bijoy Chandra Sarker**, "Infant and Young Child Feeding (IYCF) Practices Among Mothers Of Under Two Years Children In Jaliapalong Union, Cox's Bazar, Bangladesh"

**Atia Arefin**, "Internet Dependence And Its Association With Depression Among North South University Students Of Bangladesh"

**Dr. Ismat Ara Khanam**, "Determinants of Malnutrition Among Under Five Children In Slum Community Of Dhaka City"

**Dr. Sujan Saha**, "Risk Profile Of Developing Multi-Drug Resistant Tuberculosis In Pulmonary Tuberculosis Patients at Gazipur"

**Dr. Syeda Zerin Imam**, "Knowledge, Attitude And Practices On Safe Care Of Menstrual Cycle Among Slum Dwelling Adolescent Girls In Dhaka City"

**Durga Prasad Acharya**, "Factors Affecting Maternal Health Care Practice Among Highly Marginalized Married Danuwar Women In Morang District, Nepal"

**A. S. M. Nurul Afser**, "Treatment Seeking Behaviour Among The Type 2 Diabetes Patients In Urban Dhaka, Bangladesh"

**Dr. Abu Sayed Mohammed Omar Faruk**, "Knowledge, Attitude And Practice On Breast Feeding Among Working Mother In Dhaka City"

**Dr. Tanveen Ishaque**, "Willingness And Acceptability Of Cervical Cancer Preventive Measures In Bondor, Narayanganj"

**Dr. Muntaha Alam Nafisa**, "Epi Coverage Among 12-24 Months Old Children Living In Slums Of Chittagong City Corporation, Bangladesh"

**Dr. Foyjunnaher Sultana**, "Epidemiology Of Hbv Infection Among Children With Liver Disease Admitted In A Public Tertiary Level Hospital, Dhaka"

**Shakeel Ahmed Ibne Mahmood**, "Knowledge, Attitude, And Practices On HIV/AIDS & STI Among Female Garment Factory Workers At Ashulia Area Of Dhaka City"

**Dr. Faiza Ela Kamal**, "Knowledge, Attitude And Practice On Ecohealth Among The Health Service Providers In Bangladesh"

**Dr. Md. Abdul Baten**, "Magnitude Of Coronary Heart Disease Among The Patients Of Jalalabad Ragib-Rabeya Medical College Hospital, Sylhet"

Curriculum Vitae: Professor Giasuddin Ahsan 22|P a g e

**Afroja Yesmin**, "Knowledge Attitudes And Practices For Prevention Of Dengue Among Women In Mohammadpur Thana Of Dhaka City"

**Dr. Md. Asifur Rahman**, "Knowledge, Attitude And Preventive Practice On Hepatitis B Among The Auxillary Health Care Personnel Working In Dhaka City"

**Dr. Tanzina Zaman**, "Knowledge, Attitude And Practice Of Physiotherapy On The Management Of Stroke Patients Of Dhaka City"

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**Dr. Md Ziaul Haque**, "Awareness on Iron Deficiency Anaemia Among The Female Medical Students Of The Medical Colleges In Dhaka City"

**Dr. Mohammad Ali**, "Role of Spinal Mobilizing Exercises in Low Back Pain (LBP) of Sedentary Office Worker Attending in Physiotherapy Department of UAMCH, Dhaka"

**Md. Aminul Haque Bhuiyan**, "Determinants Of Multidrug Resistant Tb (Mdr-Tb): A Study At National Institute Of Diseases Of The Chest & Hospital (NIDCH), Dhaka, Bangladesh"

**Musa Sani Kaware**, "Patients' Satisfaction On Outpatient Services In Dhaka Medical College Hospital, Bangladesh"

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**Dr. Chowdhury Fazle Mubarak Bari**, "Spectrum Of Congenital Anomalies Among Children Attending The Departments Of Pediatric Medicine And Surgery In Dhaka Medical College Hospital, Bangladesh"

**Dr. Tithi Das**, "Pregnancy Outcome Of Diabetic Women In Diabetic Hospital, Shahabag, Dhaka, Bangladesh"

**Ms. Munmun Khan**, "Knowledge And Attitude Of Health Service Providers For Practicing ICT Based Health Awareness Program In Bangladesh"

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**Sabina Khan**, "Magnitude of Health Problems Due To Irrational Uses Of Obesity Control Care Among The Women Of Urban Population In Bangladesh"

**Amina Forhad**, "Awareness On Prevention Of Iron Deficiency Anemia Among The Female Garments Workers In Dhaka City Of Bangladesh"

**Dr. Duradana Akhter**, "Health Status of Foster Children Attending A Diarrhoeal Treatment Hospital In Bangladesh"

**Dr. Kamrun Nahar,** "Knowledge And Awareness On Cervical Cancer And Its Prevention Amongst Women In A Tertiary Care Hospital In Dhaka, Bangladesh"

### REFERENCES

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