

Who's Who in One Health

One Health Institute Chattogram Veterinary and Animal Sciences University (CVASU), Bangladesh

<https://cvasu.ac.bd/>
<https://cvasu.ac.bd/office/one-health-institute>



1. Chattogram Veterinary and Animal Sciences University, Zakir Hossain Road, Khulshi, Chattogram 4202

2. Description and Scope of One Health Activities

Chattogram Veterinary and Animal Sciences University (CVASU) is a public university in Bangladesh. It is the only specialised veterinary university in Bangladesh. At present, the university conducts its academic activities with a total of three faculties, including two more faculties, namely Food Science and Technology and Fisheries. CVASU is the first university which has a dedicated One Health institute in Bangladesh.

The only One Health Institute (OHI) in Bangladesh was established in Chattogram Veterinary and Animal Sciences (CVASU) in 2015 with the aim to make a common platform for collaborative education, research and training on One Health hence public health issues involving scientists from human, animal and environmental sectors. Prevention of emerging infectious diseases (EIDs) is in the forefront of OHI goals. It is expected that through better understanding the disease transmission comprehensively, the public health, veterinary,

agriculture and environmental communities can work together to identify more effective solutions for any relevant issues. Therefore, OHI is offering different post graduate degrees/programs emphasizing One Health concept including Masters in Public Health and Masters in Applied Veterinary Epidemiology to promote expert hands in the public health sector who are not only upskilled in public health but also efficient to face any challenges in the population they work with. The need-based curriculum for both programs was finalized with the help of expert opinions from home and abroad to maintain international standards. It is expected that the trained public health experts from this institute will contribute more effectually in resolving One Health issues in Bangladesh and around.

3. Key Collaborators and Participants

- Institute of Epidemiology Disease Control And Research (IEDCR)
- International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b)
- Bangladesh Livestock Research Institute (BLRI)
- Bangladesh Institute of Tropical and Infectious Diseases (BITID)
- Chittagong University
- Chittagong Medical College
- University Of Science & Technology Chattogram (USTC)
- One Health Bangladesh platform
- Tufts University
- Royal Veterinary College
- Chatham House

4. Type of Organization

Academic Institution

5. Address of Organization/ Group

Chattogram Veterinary and Animal Sciences University
Zakir Hossain Road, Khulshi
Chattogram 4202

6. Contact(s) *(with statement to agree to share contact information)*

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Agree to share contact information on the One Health website

7. Sources of funding for Organization/Group

Internal & International collaboration

8. One Health Course/Certificate/Training Offered by Organization or Group

Masters in Public Health (One Health)

Objectives: 1. Comprehensive understanding on the purpose, basis and application of knowledge on epidemiology, research methodology, health economics and anthropology in solving public health challenges 2. Capacity development to achieve public health objectives through evidence-based research 3. Understand the biological, social and economic variable of health problems in Bangladesh 4. Develop attitude for self-learning and self-assessment across professional life.

9. Other One Health Activities/Initiatives

OHI is offering different post graduate degrees/programs emphasising One Health concept including Masters in Public Health and Masters in Applied Veterinary Epidemiology to promote expert hands in the public health sector who are not only up-skilled in public health but also efficient to face any challenges in the population they work with. Moreover, a number of significant collaborative (involving physicians, veterinarians and environmentalists) research projects concerning public health issues including seroprevalence of anti SARS Cov-2 antibody (COVID-19) among health care workers, rota viral diarrhea in children, antimicrobial resistance and residue in animal originated food is ongoing under the institute. Additionally there is collaboration with different research and academic organizations in and outside the country including Bangladesh Institute of Tropical and Infectious Diseases (BITID), Institute of Epidemiology, Disease Control and Research (IEDCR), ICDDR,B, Department of Livestock Services, Department of Forest, University of California (USA), Global Health Development (GHD) etc.

10. Brief History of Your Organization's One Health Involvement

In Bangladesh, One Health concept was first introduced in 2008 with the initiative of the Founder Vice Chancellor of CVASU, Prof. Dr. Nitish C. Debnath through the 'Chittagong Declaration' in the first One Health Conference. With the aim to institutionalise the One Health concept, in 2015 One Health Institute (OHI) was established at Chittagong under CVASU. <https://cvasu.ac.bd/office/one-health-institute>