

Curriculum vitae of Halima Jahan

Name Halima Jahan
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University Education

[01/04/2022 – 31/03/2026] Doctorate in Natural Sciences (*Dr. rer. nat*)

Address: Christian-Albrechts-Universität zu Kiel, Germany

Dissertation title " Reaction of the marine flatworm *Macrostomum lignano* exposed to xenobiotics "

[30/06/2016 – 14/02/2018] Master of Science in Fisheries Biology and Genetics

Address: Bangladesh Agricultural University, 2202, Mymensingh, Bangladesh

Thesis title " Effects of fish meal replacement with soybean meal on growth, new muscle generation, gut histology and digestive enzymes activities of silver barb, *Barbonymus gonionotus* "

[01/01/2011 – 12/06/2016] Bachelor of Science in Fisheries

Address: Bangladesh Agricultural university, 2202, Mymensingh, Bangladesh

Academic Experience

[27/12/2018 – 26/12/2020] Lecturer

Address: Department of Fisheries Biology and Genetics, Sher-e- Bangla Agricultural University, Dhaka, Bangladesh

[27/12/2020 – Current] Assistant Professor

Address: Department of Fisheries Biology and Genetics, Sher-e- Bangla Agricultural University, Dhaka, Bangladesh

Publications

- Hossain Z, Akter R, Moin MB, Mondol SK, Saha TK, Tumpa IJ, Tabassum A, Ibnat S, Pervin M A, **Jahan H**, Min T, Moniruzzaman M (2025). Evaluation of Chlorpyrifos as an Organophosphate Pesticide on Hematology, Blood Biochemistry, Antioxidant Capacity, Oxidative Stress, and Histopathological Changes in Juvenile Silver Barb (*Barbonymus gonionotus*). *Aquaculture Research* 14:1

- **Jahan H**, Tumpa IJ, Qasem WA, Moniruzzaman M, Pervin MA, Akter R, Omri A, Min T and Hossain Z (2021). Evaluation of the Partial Replacement of Dietary Fish Meal with Fermented or Untreated Soybean Meal in Juvenile Silver Barb, *Barbonymus gonionotus*. **Frontiers in Nutrition**, 8:733402 :doi.org/10.3389/fnut.2021.733402
- **Jahan H**, Ema SN, Hossain SM, Parvin MA, Akter R, and Hossain Z (2020). Growth performance study of silver barb (*Barbonymus gonionotus*) by replacing fishmeal with soybean meal in the diet. **Asian Journal of Medical and Biological Research**, 6:2
- Parvin MA, **Jahan H**, Akter R, Omri A, and Hossain Z (2020). Appraisal of different levels of soybean meal in diets on growth, digestive enzyme activity, antioxidation, and gut histology of tilapia (*Oreochromis niloticus*). **Fish Physiology and Biochemistry**, 46:1397–1407. :doi.org/10.1007/s10695-020-00798-5
- Parvin MA, **Jahan H**, Ema SN, Hossain SM, Akter R, and Hossain Z (2020). A study on growth performance of Nile tilapia (*Oreochromis niloticus*) by substituting fish meal with soybean meal in diet. **Journal of Bangladesh Agricultural University**, 18(1): 152–156 :doi.org/10.5455/JBAU.94754
- Akter R, Parvin MA, **Jahan H**, Rakhi FS, Reza HA and Hossain Z (2020). Toxic effects of an organophosphate pesticide, envoy 50 SC on the histopathological, haematological, and brain acetylcholinesterase activities in stinging catfish (*Heteropneustes fossilis*). **The Journal of Basic and Applied Zoology**, 81(1) :doi.org/10.1186/s41936-020-00184-w
- Akter R, Parvin MA, **Jahan H** and Hossain Z (2019). Effects of Kinalax 25 EC on alteration of histomorphology, blood cells and brain acetylcholinesterase activities in silver barb (*Barbonymus gonionotus*). **Aquaculture Studies**, 19(2) :doi.org/10.4194/2618-6381-v19_2_03
- **Jahan H**, Parvin MA, Akter R and Hossain Z (2019). Effects of soybean meal on new muscle generation and growth of silver barb, *Barbonymus gonionotus*. **International Journal of Agriculture, Environment and Bioresearch**, 4:2 :doi.org/10.35410/IJAEB.2019.102110

Societal Memberships

1. Member of Federation of European Physiological Societies (FEPS)
2. Member of **Deutsche Zoologische Gesellschaft (DZG)**
3. Member of European Society for Evolutionary Biology (ESEB)
4. Member of the Bangladesh Fisheries Research Forum (BFRF)
5. Member of the Sher-e-Bangla Agricultural University Teacher's Association (SAUTA)

Awards and Honours

1. DAAD, Federal Foreign Office, CAU, Germany
2. NST Fellowship from Ministry of Science and Technology, Bangladesh
3. Best Presentation Award (Poster) in Biennial research conference organized by BFRF,2019

Language skills

Mother tongue-Bengali **Other languages-** English, German