

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

Language skills

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