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Present Position:

Associate professor, Department of Applied Nutrition and Food Technology, Islamic University, Kushtia-7003, Bangladesh.

Academic Degree

2004, **Bachelor of Science**, Department of Applied Nutrition and Food Technology, Islamic University, Kushtia-7003, Bangladesh. **Results:** First Class fifth position.

2005, **Master of Science**, Department of Applied Nutrition and Food Technology, Islamic University, Kushtia-7003, Bangladesh. **Results:** First Class fifth position.

2018, **PhD**, Department of Applied Nutrition and Food Technology, Islamic University, Kushtia-7003, Bangladesh.

Title of the PhD dissertation: “Exploring the associations of chronic exposure with matrix metalloproteinase-2 and-9 through a cross sectional study in Bangladesh”

Research Area:

Environmental Health Sciences, Metal toxicity especially on arsenic toxicity.

Membership: Member, American Society of Microbiology (ASM)

Conferences /Seminar/Scientific Meeting Attended

1. American Society of Microbiology Scientific meeting held icddr,b, Dhaka, Bangladesh, **2014**
2. Bangladesh Society for Biochemistry and Molecular Biology- held in Dhaka, Bangladesh, **2015.**
3. International Conference on Botanical Pesticides and Environmental Sustainability”Organized by Institute of Environmental Science (IES) at University of Rajshahi in Bangladesh, **2016.**

Research publications:

1. Sudip Kumar Paul, **Md. Shofikul Islam** Hossain K (2019). Higher risk of hyperglycemia with greater susceptibility in females in chronic arsenic-exposed individuals in Bangladesh. **Science of the Total Environment**
2. Khaled Hossain , Suzuki T, M. M. Hasibuzzaman, **Islam MS** Nohara k (2017). “Chronic exposure to arsenic, LINE-1 hypomethylation, and blood pressure: across-sectional study in Bangladesh”. **Environmental health.**

3. M. M. Hasibuzzaman, Shakhawoat Hossain, **Islam MS** Khaled Hossain (2017). "Association Between Arsenic Exposure and Soluble Thrombomodulin: A Cross Sectional Study in Bangladesh". **PLOS ONE**.
4. Uddin M. E, Ahmad T, Sarkar M. K. I, Azim D. A, Rahman S. S, **Islam M. S**,Islam M. R. (2015). Microbial Production Of Alkaline Proteases And Evaluation Of Its Performances For Pretreatment Of Leather Industry. **Journal of Multidisciplinary Engineering Science and Technology**.
5. **Islam MS**, Mohanto NC, Karim MR.....Hossain K (2015). Elevated concentrations of serum matrix metalloproteinase-2 and -9 and their associations with circulating markers of cardiovascular diseases in chronic arsenic-exposed individuals. **Environmental Health**.
6. **Islam MS**, Rahman SS, Kamruzzaman M..... Hossain MS (2015). Impact of Nutrition Education on Nutritional Status of Adolescent Girls in South-west Region of Bangladesh. **American Journal of Nutrition and Food Science**.
7. Md. Mominul Islam, Md. Kamruzzaman, **Md. Shofikul Islam**.....Md. Abdus Samad (2015). Impact of Bread Made from Mix Cereals and Pulses on the Glycemic Profile in Type 2 Diabetic Patients - A Randomized Controlled Trial. **Current Nutrition & Food Science**.
8. Khatun F, Kamruzzaman M, Islam M, **Islam S**.....Karim R (2013). Health hazards and the socioeconomic status of female labour of tobacco processing mills in Kushtia, Bangladesh. **Science Journal of Public Health**.
9. Haque E, Kamruzzaman M, **Islam MS**..... Karim MR (2013). Assessment and comparison of quality of solar tunnel dried Bombay duck and Silver pomfret with traditional Sun dried samples. **International Journal of Nutrition and Food Sciences**.
10. Ahmed MT, Rahman SS, **Islam MS**, Rana MM, Rahman MH (2013). A comparative study of dietary fiber awareness, diseases & drugs interaction in rural and urban areas of Bangladesh. **Science Journal of Public Health**.

Abstracts Published in International/ national Conference Proceedings:

1. "Exploring the effects of chronic exposure to arsenic on the methylation status in long interspersed nuclear elements (LINE)-1 in human leukocyte DNA". *Hasibuzzaman MM*, Hossain K, Suzuki T, **Islam MS**, Rahman A, Paul SK and Nohara K. "1st International Conference on Botanical Pesticides and Environmental Sustainability" Organized by Institute of Environmental Science (IES) at University of Rajshahi in Bangladesh, by **September 24-25, 2016**.

2. "Dose- and sex-dependent prevalence of hyperglycemia in chronic arsenic-exposed individuals in Bangladesh". Sudip Kumar Paul, M. M. Hasibuzzaman, **Md. Shofikul Islam**, Atiqur Rahman, Seiichiro Himeno, and Khaled Hossain. "1st International Conference on Botanical Pesticides and Environmental Sustainability" Organized by Institute of Environmental Science (IES) at University of Rajshahi in Bangladesh, by **September 24-25, 2016**.
3. "Arsenic exposure-related elevation of serum MMP-9 levels and its associations with circulating markers of cardiovascular diseases". Nayan Chandra Mohanto, **Md. Shofikul Islam**, Sharmin Akter, Atiqur Rahman, Momotaj Jahan, Rabeya Khatun, Tanzina Tanu, M. M. Hasibuzzaman, Seiichiro Himeno and Khaled Hossain. (Abstract published and presented poster in the "International conference on Biological Sciences: Food, Health and Environmental Perspectives" Organized by Institute of Biological Sciences (IBSc) at Rajshahi University in Bangladesh, by **August 8, 2015**).
4. "Investigation of the maternal and children exposure to arsenic through pilot study". M. M. Hasibuzzaman, Afroza Arefin, Rabeya Khatun, Momotaj Jahan, Tanzina Tanu, Nayan Chandra Mohanto, **Md. Shofikul Islam**, Seiichiro Himeno and Khaled Hossain. (Abstract published and presented poster in the "International conference on Biological Sciences: Food, Health and Environmental Perspectives" Organized by Institute of Biological Sciences (IBSc) at Rajshahi University in **Bangladesh, by August 8, 2015**).
5. "Investigation of the maternal and children exposure to arsenic through pilot study". M. M. Hasibuzzaman, Afroza Arefin, Rabeya Khatun, Momotaj Jahan, Tanzina Tanu, Nayan Chandra Mohanto, **Md. Shofikul Islam**, Seiichiro Himeno and Khaled Hossain. (Abstract published and presented poster in the "International conference on Biological Sciences: Food, Health and Environmental Perspectives" Organized by Institute of Biological Sciences (IBSc) at Rajshahi University in **Bangladesh, by August 8, 2015**).
6. "Investigation of the maternal and children exposure to arsenic through pilot study". M. M. Hasibuzzaman, Afroza Arefin, Rabeya Khatun, Momotaj Jahan, Tanzina Tanu, Nayan Chandra Mohanto, **Md. Shofikul Islam**, Seiichiro Himeno and Khaled Hossain. (Abstract published and presented poster in the "International conference on Biological Sciences: Food, Health and Environmental Perspectives" Organized by Institute of Biological Sciences (IBSc) at Rajshahi University in **Bangladesh, by August 8, 2015**).
7. "Interaction between arsenic exposure and serum interleukin-18: a cross sectional study in Bangladesh". *Nayan Chandra Mohanto*, Afroza Arefin, Sharmin Akter, Shahnur Alam, Mashiur Rahman, Shakhawoat Hossain, Md. Imam Hossain, **Md. Shofikul Islam**, Seiichiro Himeno and Khaled Hossain. (Abstract published and presented poster in the international conference on "Biotechnology for Better Tomorrow" at university of Rajshahi, by March 29, 2014).
8. "A pilot study on human exposure to arsenic through rice consumptions in Bangladesh". Shahnur Alam, Afroza Arefin, *Nayan Chandra Mohanto*, Mashiur Rahman, Sharmin Akter, Momotaj Jahan, Shakhawoat Hossain, Md. Imam Hossain, Abdul Aziz, **Md. Shofikul Islam**, Seiichiro Himeno and Khaled Hossain. (Abstract

published and presented poster in the international conference on “Biotechnology for Better Tomorrow” at university of Rajshahi, by March 29, 2014).

9. “Association between arsenic exposure and serum matrix metalloproteinase-2: a crosssectional study in Bangladesh”. *Nayan Chandra Mohanto, Md. Shofikul Islam, Atiqur Rahman, Md. Rezaul Karim, Abdul Aziz, Seiichiro Himeno and Khaled Hossain.* (Abstract published and presented poster in the BSBMB conference on “Biochemistry, Industry and Sustainable Economy”, Organized by Dept. of Biochemistry and Molecular Biology at Dhaka University in Bangladesh, by March 21, 2015).
10. “A pilot study on critical windows of children’s exposure to arsenic”. Afroza Arefin, M. M. Hasibuzzaman , RabeyaKhatun , MomotajJahan , TanzinaTanu, **Md. Shofikul Islam,** Md. Rezaul Karim, Nayan Chandra Mohanto,SeiichiroHimeno and Khaled Hossain. (Abstract published and presented poster in the BSBMB conference on “Biochemistry, Industry and Sustainable Economy”, Organized by Dept. of Biochemistry and Molecular Biology at Dhaka University in Bangladesh, **by March 21, 2015**)
11. “Increased serum matrix metalloproteinase-9 levels in arsenic-endemic residents in Bangladesh”. **Md. Shofikul Islam,** Sharmin Aktar, *Nayan Chandra Mohanto,* Atiqur Rahman, Abdul Aziz, Md. Rezaul Karim, Zahangir Alam Saud, Seiichiro Himeno and Khaled Hossain. (Abstract published and presented poster in the BSBMB conference on “Biochemistry, Industry and Sustainable Economy”, Organized by Dept. of Biochemistry and Molecular Biology at Dhaka University in Bangladesh, **by March21, 2015**).

Language proficiency: English and Bengali (native language).

References:

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