

CURRICULUM VITAE



PERSONAL INFORMATION

Name **SOLAIMAN DOZA**
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Nationality Bangladeshi
Date of birth 30.04.1983
Gender Male

EDUCATION

- Year 2011
- Institute State University of Bangladesh
- Subject Epidemiology
- Title of qualification awarded **Masters in Public Health**
- Year 2008
- Institute University of Dhaka
- Subject Dental Surgery
- Title of qualification awarded **Bachelor of Dental Surgery**

WORK EXPERIENCES

- Current position** Working as a Graduate Teaching Assistant in the H100 course at the College of Public Health and Human Sciences, Oregon State University from September 2018.
- Previous positions**
- Assistant Scientist From January 2018 to August 2018, Environmental Interventions unit, Infectious Diseases Division, icddr,b.
- Research Investigator From January 2015 to December 2017, Environmental Interventions unit, Infectious Diseases Division, icddr,b.
- Research Trainee From June 2012 to December 2014, Water Sanitation Hygiene Research group, Center for Communicable Diseases, icddr,b.
- Post graduate trainee in Dept. of Conservative Dentistry & Endodontic From January 2010 to December 2010, Bangabandhu Sheikh Mujib Medical University.

In Service training

From January to December 2009, University Dental college Hospital, Dhaka.

RESEARCH EXPERIENCES

Ongoing research projects

2018 (**Wellcome Trust**): Investigating the minerals of cardiovascular importance in drinking water and food in salinity affected southwest coastal Bangladesh.

Assessment completed

- 2016 (**Wellcome Trust**): Health impacts of a climate change adaptation strategy to address drinking-water salinity in coastal Bangladesh.
- 2016 (**SIDA**): Assessing the effectiveness of a sand barrier surrounding the latrine pit to reduce microbial leaching into shallow aquifers.
- 2015 (**FHI360**): Investigating the effectiveness of earthen barriers to mitigate the leaching of pathogens from pit latrines in coastal Bangladesh.
- 2015 (**SIDA**): Assessing the effectiveness of a sand barrier surrounding the latrine pit to prevent leaching of rotavirus into shallow aquifers.
- 2014 (**Gates Foundation**): Prevalence and association between the diarrhea causing pathogens detected in complementary foods and flies caught from the same compounds.

RECENT PUBLICATIONS

- Naser AM, Rahman M, **Doza S**, Unicomb L, Gazi MS, Alam GR, Karim MR, Uddin MN, Khan GK, Ahmed KMU, Anand S, Shamsudduha M, Venkat Narayan KM, Chang H, Luby SP, Gribble MO, Clasen TF. Drinking water salinity, urinary macro-mineral excretion, and blood pressure in the southwest coastal population of Bangladesh. *Journal of the American Heart Association*. 2019
- Ourshalimian S, Naser AM, Rahman M, **Doza S**, Stowell J, Venkat Narayan KM, Shamsudduha M, Gribble MO. Arsenic and Fasting Blood Glucose in the Context of Other Drinking Water Chemicals: A Cross-Sectional Study in Bangladesh. *Environmental Research*. 2018 May 1;172:249-57.
- Naser AM, **Doza S**, Rahman M, Ahmed KMU, Gazi MS, Alam GR, Karim MR, Khan GK, Uddin MN, Mahmud MI, Ercumen A, Rosenbaum J, Annis J, Luby SP, Unicomb L, Clasen TF. Sand barriers around latrine pits reduce fecal bacterial leaching into shallow groundwater: a randomized controlled trial in coastal Bangladesh. *Environmental science & technology*. 2019 Jan 17;53(4):2105-13.
- **Doza S**, Jabeen Rahman M, Islam MA, Kwong L, Unicomb L, Ercumen A, Pickering A, Parvez SM, Naser AM, Ashraf S, Das K, Luby SP. Prevalence and association of *E. coli* and diarrheagenic *E. coli* in foods stored for young children and flies caught in the same households in rural Bangladesh. *Am J Trop Med Hyg* 2018 Feb 12; 98(4):1031-8.
- Naser AM, Unicomb L, **Doza S**, Ahmed KM, Rahman M, Uddin MN, Quraishi SB, Selim S, Shamsudduha M, Burgess W, Chang HH. Stepped-wedge cluster-randomised controlled trial to assess the cardiovascular health effects of a managed aquifer recharge initiative to reduce drinking water salinity in southwest coastal Bangladesh: study design and rationale. *BMJ open*. 2017 Sep 1; 7(9):e015205.
- Naser AM, Rahman M, Unicomb L, **Doza S**, Ahmed KM, Uddin MN, Selim S, Gribble MO, Anand S, Clasen TF, Luby SP. Drinking water salinity and kidney health in southwest coastal Bangladesh: baseline findings of a community-based stepped-wedge randomised trial. *The Lancet*. 2017 Apr 1; 389:S15.
- Harris AR, Pickering AJ, Harris M, **Doza S**, Islam MS, Unicomb L, Luby S, Davis J, Boehm AB. Ruminants Contribute Fecal Contamination to the Urban Household Environment in Dhaka, Bangladesh. *Environmental science & technology*. 2016 Apr 19; 50(9):4642-9.
- Conference paper titled, "*Managed aquifer recharge systems yield microbiologically safe drinking water for the salinity-prone southwest coastal communities of Bangladesh*" was presented and published at the *Planetary Health Alliance Annual Meeting 2018*.
- Conference paper titled, "*Prevalence and association between the diarrhea causing pathogens detected in complementary foods and flies caught from the same compounds*" was presented and published at the *2015 Water and Health Conference: Where Science Meets Policy*.
- Conference paper titled, "*Predisposing Factors Of Periodontitis Among Diabetic And Non-Diabetic Patients At A Selected Hospital Of Dhaka City*" was presented in the 3rd Regional Public Health Conference Dhaka, Bangladesh

**SCHOLARSHIPS AND/OR GRANTS
RECEIVED**

- 2016- **SIDA** follow-up grant to continue the research titled, "Assessing the effectiveness of a sand barrier surrounding the latrine pit to reduce microbial into shallow aquifers".
- 2015- **SIDA** grant to conduct the research titled, "Assessing the effectiveness of a sand barrier surrounding the latrine pit to prevent leaching of rotavirus into shallow aquifers".
- 2012- A research fellowship awarded by **icddr,b** to conduct an independent research study.

PROFESSIONAL DEVELOPMENT

- Bioethics course by CITI program. January 8-15, 2019
- Biomedical Responsible Conduct of Research Course by CITI program. November 16-17, 2018
- FERPA online training. September 21, 2018
- Certificate program on Results Based Management (RBM) arranged by the Research Administration of icddr,b. *participated during September 6-7, 2018.
- Workshop on Bioethics at icddr,b. *participated on June 17-18, 2015.
- Advanced data analysis using STATA conducted by statisticians from CSU of CCD. *completed on June 17, 2014.
- Training of trainers (TOT) by talent development unit of icddr,b. *completed on Apr 6-10, 2014.
- Short course on pathogens in the environment: detection, interpretation, and health significance of fecal contamination in environmental samples. *completed on Feb 27, 2014.
- Writing and publishing training by Jocelyn Clark. "Publishing in medical and global health journals". *completed on Feb 4, 2014.
- Training on social media for scientists by Richard Smith *completed on Nov 27, 2013.
- Effective communication skills. *completed on Apr 16-17, 2013.
- Rain water harvesting training at itn-buet. *completed on Mar 30-31, 2013.
- Protocol development and scientific writing course. *completed on Mar 14-23, 2013.
- Report writing session. *completed on Feb 11, 2013.
- Beginning/intermediate STATA course: *completed on Feb 4-7, 2013.
- Bio-ethics course by Prof. Richard cash. *completed on July 23, 2012.
- icddr,b gender training *completed the training held on June 28, 2012.
- Ethics training and certification: *completed on June 6, 2012.
- Literature search/library orientation: *completed the training held on June 20, 2012.

REFERENCES

- **Molly Kile, Sc.D.**
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