

Abu Mohammed Naser Titu

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Google scholar citations ([link](#))

CURRENT AFFILIATION

Assistant Professor
Division of Epidemiology, Biostatistics, and Environmental Health
School of Public Health, University of Memphis

August 2021-Present

EDUCATION

Ph.D., Environmental Health Sciences
Emory University

May 2018

Dissertation: "Drinking Water Salinity: Mineral Intake and Cardiovascular Health"

Committee: Profs. Thomas Clasen (chair), Matthew Gribble (chair), KM Venkat Narayan, Dana Barr, Howard Chang

M.P.H., Master in Public Health
BRAC University, Dhaka, Bangladesh

February 2010

M.B.B.S., Medical Sciences
Dhaka University, Dhaka, Bangladesh

December 2007

GRANTS AND AWARDS

Naser AM. Incidence of Flare Reaction Following Shoulder Steroid Injections: Comparison of Kenalog (Triamcinolone) and Depomedrol (Methylprednisolone). Campbell Foundation, TN, USA. 2021 (\$ 2.5 K)

Naser AM et al, Socioecological Determinants of Cardiometabolic Health in Memphis: Establishment of a Database. Communities of Research Scholars (CoRS) Grant. University of Memphis, TN, USA. 2021 (\$ 2.5 K)

Naser AM, Rahman Mahbubur, Unicomb Leanne, et al, Health Impacts of a climate-change adaptation strategy to address drinking-water salinity in coastal Bangladesh. Our Planet, Our Health scheme of Wellcome Trust, UK. 2015- 2017 (Grant amount £500K GBP)

Naser AM, Rahman Mahbubur, Unicomb Leanne, et al, Health Impacts of a climate-change adaptation strategy to address drinking-water salinity in coastal Bangladesh. Our Planet, Our Health scheme of Wellcome Trust, UK. Extension Phase. 2017-2019 (Grant amount £160K GBP)

Unicomb Leanne, Naser AM, et al, Short-term investigation of the effectiveness of earthen barriers to mitigate the leaching of pathogens from pit latrines in coastal Bangladesh. FHI360. 2014-2015 (Grant amount \$ 70K)

Clasen Thomas, Naser AM, Rahman Mahbubur, et al, Long-term investigation of the effectiveness of earthen barriers to mitigate the leaching of pathogens from pit latrines in coastal Bangladesh. USAID. 2016-2017 (Grant amount \$ 50K)

2017 Planetary Health Alliance inaugural meeting abstract selected for publication in the journal "The Lancet"

2013 WaTER Conference Travel Scholarship Recipient. University of Oklahoma. WaTER Center.

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2013 Recipient of Travel Fund from Program for Appropriate Technology in Health (PATH) to present research findings at 7th Vaccine & ISV Congress, 27-29 October, 2013, Sitges, Barcelona, Spain

RESEARCH EXPERIENCE AND TRAINING

09/2020 — present **NIH METRIC Fellow**
Department of Epidemiology
Rollins School of Public Health
Emory University, Atlanta GA, USA

06/2018 — 08/2020 **Postdoctoral Scholar**
Emory Global Diabetes Research Center, Hubert Department of Global Health
Emory Global Health Institute, Child Health and Mortality Prevention Surveillance (CHAMPS)

Emory University, Atlanta GA, USA

I have investigated mineral intake through drinking water and associated health benefits. Our research explored that saline water contains salubrious minerals such as calcium and magnesium that provides cardiovascular benefits, but also contains harmful sodium. I have explored how drinking water minerals vary across seasons, and how different hydrogeological contexts influence cardio-metabolic risks of population. I also explored how cooking water mineral contents influence the nutrient density of the cooked food.

I have worked for the Demographic Health Surveillance of the CHAMPS project (<https://champshealth.org/>). CHAMPS is exploring the exact causes of child mortality in sub-Saharan Africa and South Asia, where child mortality rates are high by innovative minimally invasive tissue sampling (MITS) and state-of-art pathological techniques. I have worked with linking the household environmental factors (e.g., water quality, sanitation, cooking fuel) and weather variables (e.g., temperature, rainfall, humidity) with child mortality.

01/2019 — 02/2019 **Short-term consultant**
Water for South and East Asia Unit (Water for SEA)
Water Global Practice, World Bank
World Bank, Washington DC, USA

Under this consultancy, I evaluated how drinking water salinity of mothers influences the neonatal and infant mortality rates in Bangladesh using Bangladesh Demographic Health Surveys of 2000, 2004, 2007, 2011, and 2014. Point data of groundwater salinity were collated from the Bangladesh Water Development Board and digitizing salinity contour map. Data for the groundwater dissolved elements (sodium, calcium, magnesium, and potassium) data came from a national hydrochemistry British Geological Survey data survey. A U-shaped association between drinking water salinity and neonatal and infant mortality was found, suggesting higher mortality when salinity was very low and high.

01/2015 — 02/2015 **Short-term consultant**
Program for Appropriate Technology in Health (PATH)
Seattle, Washington, USA

Under this consultancy, I analyzed data from a clinical trial in healthy infants to assess the lot-to-lot consistency of Japanese encephalitis live attenuated SA 14-14-2 vaccine manufactured in new good manufacturing practices. The report helped the prequalification of the Japanese encephalitis live attenuated SA 14-14-2 vaccine.

03/2010 — 08/2014

Medical Officer & Research Investigator

International Centre for Diarrhoeal Disease Research, Bangladesh (icddr,b)
68, Shaheed Tajuddin Ahmed Sarani, Mohakhali, Dhaka 1212, Bangladesh
Centre for Communicable Diseases (CCD)
Water, Sanitation and Hygiene Research Group
Outbreak Response and Surveillance Research Group
Vaccine Research Group

I conducted multidisciplinary research to improve the health status of the people of Bangladesh and similar settings worldwide. My training and experience in icddr,b involved working as a site investigator for several randomized controlled trials, observational studies, national wide infectious disease surveillance, and outbreak investigations. I received epidemiological training from national- and international scientists on implementing research projects, communicating with investigators and IRB, manuscript, and research proposal writing. I worked with the following projects while I was with icddr,b:

- As a co-Investigator, my main responsibility was to implement WASHBenefits trial (<http://www.washbenefits.net/>), a large-scale multi-center randomized controlled trial in Bangladesh. The primary aim of this trial was to determine the individual and combined impacts of water, sanitation, hygiene, and nutritional interventions on children's linear growth and cognitive development. The study findings have been published in the Lancet Global Health. I led the mid-line survey of the trial before moving to Emory University.
- As a co-investigator, I explored the groundwater iron in the WASH Benefits study area and explored how groundwater iron contents interfere with the point-of-use chlorination.
- As a principal investigator, I implemented a randomized controlled trial titled "Health Impact of Treating and Safely Storing Shallow Tubewell Water in Bangladesh". It was an efficacy trial to assess the individual and combined impact of treating source water and safe storage of water to improve the microbiological quality of drinking water and reduce childhood diarrhea.
- As a co-investigator, I implemented a study titled "A clinical trial in healthy infants to assess the lot-to-lot consistency of Japanese encephalitis live attenuated SA 14-14-2 vaccine manufactured in a new good manufacturing practices facility and non-inferiority with respect to an earlier product". The study was funded by PATH. Based on the study result, WHO has prequalified the live attenuated SA 14-14-2 Japanese encephalitis vaccine, which will help to reduce the burden of Japanese Encephalitis in Asian countries.
- As a co-Investigator, I led the field activities of a serosurvey titled "A cross-sectional serosurvey of historic arboviral infections in Chapai Nawabganj District, Bangladesh".
- I was involved in the national hospital-based meningoencephalitis surveillance in Bangladesh. My responsibilities were to investigate the clusters of patients admitted to several tertiary hospitals with symptoms of meningoencephalitis. I participated in several outbreak investigations for nipah virus encephalitis, anthrax, and cholera.

2007 — 2008

Medical Officer

Shaheed Shurawardi Hospital, Dhaka, Bangladesh

I worked as a medical officer in one of the reputed public teaching hospitals in Dhaka, Bangladesh. I was based on the internal medicine department under professor Kamal Sayeed Ahmed Chowdhury for this one-year postgraduate training in medicine. I used to diagnose the hospitalized patient and provide them initial clinical management, present the clinical cases to the professors and update the treatment based on thorough clinical and laboratory investigations.

2006 — 2007

Intern doctor (physician)

Mitford Hospital

Sir Salimullah Medical College, Dhaka, Bangladesh

TEACHING EXPERIENCE

University of Memphis, School of Public Health

Instructor, Environmental Health: Basics and Methods

Fall 2021

Uppsala University, Sweden

Guest Lecturer, Water, Sanitation, Hygiene & Climate Change

Fall 2021 & 2020

Emory University, Atlanta, GA

Guest Lecturer, Planetary Health: Saltwater Intrusion and Cardiovascular Health

Spring 2020 & 2021

Guest Lecturer, Research Methods for Studies of Water & Health

Spring 2017

Teaching Assistant, Critical Analysis of Water, Sanitation and Hygiene Research

Spring 2016

Teaching Assistant, Perspective of Environmental Health

Fall 2015

Advanced Practicum Experience (capstone) supervisor of MPH students at Emory University: Christie Kwon (2019-2020), Livvy Shafer (2019), Serei Vatana Nath (2020)

BRAC University, James P Grant School of Public Health, Dhaka, Bangladesh

Teaching Assistant, Epidemiology of Infectious Disease

Spring 2014

Teaching Assistant, Epidemiology of Infectious Disease

Spring 2013

RESEARCH HIGHLIGHTS IN MEDIA

American Heart Association 2019. Could adding minerals to drinking water fight high blood pressure?

<https://www.heart.org/en/news/2019/05/07/could-adding-minerals-to-drinking-water-fight-high-blood-pressure>

Science News by the American Geophysical Union 2020. Does Drinking Water Salinity Affect Child Mortality?

<https://eos.org/editor-highlights/does-drinking-water-salinity-affect-child-mortality>

icddr,b 2019. Can drinking-water minerals help lower hypertension? <https://www.icddr.org/news-and-events/news?id=863>

PUBLISHED COMMENTARY HIGHLIGHTING MY RESEARCH

Vineis P, Butler A. Commentary: Climate change and health: the importance of experiments. *International Journal of Epidemiology* 2020. dyaa261

<https://academic.oup.com/ije/advance-article/doi/10.1093/ije/dyaa261/6042615>

Bispham NZ, Nowak KL. Drinking Water: The Saltier The Better? : Journal of American Heart Association; 2019

<https://www.ahajournals.org/doi/full/10.1161/JAHA.119.012758>

Paul K. Whelton. Sodium, Blood Pressure, and Cardiovascular Diseases. *Hypertension*. 2021;77:2138–2139

<https://www.ahajournals.org/doi/10.1161/HYPERTENSIONAHA.121.17223>

PUBLICATIONS

Kwon C, **Naser AM**, Eilerts H, Reniers G, Argeseanu Cunningham S. Pregnancy Surveillance Methods within Health and Demographic Surveillance Systems. *Gates Open Research*. 2021;5:144.

Naser AM, He FJ, Rahman M, Campbell NRC. Spot-urine formulas to estimate 24 hr urinary sodium excretion alter the dietary sodium blood pressure relationship. *Hypertension*. 77(6): 2127-2137

Naser AM, Doza S, Rahman M, Unicomb L, Ahmed KM, Anand S, Selim S, Shamsudduha M, Narayan KMV, Howard Chang, Clasen TF, Gribble MO, and Luby SP. Consequences of access to water from managed aquifer recharge systems for blood pressure and proteinuria among the salinity-affected population of southwest coastal Bangladesh: a stepped-wedge cluster-randomised trial. *International Journal of Epidemiology* 2020; doi.org/10.1093/ije/dyaa098

Naser AM, He FJ, Rahman M, Narayan KMV, Campbell NRC. Urinary sodium excretion and blood pressure relationship across methods of evaluating the completeness of 24-hour urine collections. *Nutrients*. 2020. 12(9): p. 2772.

Naser AM, Rahman M, Unicomb L, Doza S, Selim S, Chaity M, Luby SP, Anand S, Staimez L, Clasen TF, Gujral UP, Gribble MO, and Narayan KMV. Past sodium intake, contemporary sodium intake, and cardiometabolic health in southwest coastal Bangladesh. *Journal of the American Heart Association*. 2020. 9(18): p. e014978.

Naser AM, Wang Q, Shamsudduha M, Chellaraj G and Joseph G. Modeling the relationship between groundwater salinity to neonatal and infant mortality from the Bangladesh Demographic Health Survey 2000 to 2014. *GeoHealth*. e2019GH000229.

Naser AM, Rahman M, Unicomb L, Parvez SM, Islam S, Doza S, Khan GK, Ahmed KM, Anand S, Luby SP, Shamsudduha M, Gribble MO, Narayan KMV, and Clasen TF. Associations of drinking rainwater with macro-mineral intake and cardiometabolic health: a pooled cohort analysis in Bangladesh, 2016–2019. *npj Clean Water* 2020; 3(1): 1-11.

Joseph G, Wang Q, Chellaraj G, Shamsudduha M and **Naser AM**. Impact of Salinity on Infant and Neonatal Mortality in Bangladesh. *World Bank Group Policy Research Working Paper 9058*. 2019.

Cunningham SA, Shaikh NI, Nhacolo A, Raghunathan PL, Kotloff K, **Naser AM**, Mengesha MM, Adedini SA, Misore T and Onuwchekwa UU. Health and Demographic Surveillance Systems Within the Child Health and Mortality Prevention Surveillance Network. *Clinical Infectious Diseases*. 2019;69:S274-S279.

Lin A, Ali S, Arnold BF, Rahman MZ, Alauddin M, Grembi J, Mertens AN, Famida SL, Akther S, Hossen MS, Mutsuddi P, Shoab AK, Hussain Z, Rahman M, Unicomb L, Ashraf S, **Naser AM**, Parvez SM, Ercumen A. Effects of water, sanitation, handwashing, and nutritional interventions on environmental enteric dysfunction in young children: a cluster-randomized, controlled trial in rural Bangladesh. *Clinical Infectious Diseases*. 2020;70:738-747.

Naser, AM, Rahman M, Unicomb L, Doza S, Anand S, Chang H, Luby SP, Clasen TF, and Narayan KMV. Comparison of Urinary Sodium and Blood Pressure Relationship From the Spot Versus 24-Hour Urine Samples. *Journal of the American Heart Association*.2019; 8:e013287. DOI: 0.1161/JAHA.119.013287

Naser AM, Shamsudduha M, Clasen TF, and Narayan KMV. Letter to the Editor Regarding, “The Unintended Consequences of the Reverse Osmosis Revolution” . *Environmental Science & Technology* 53, 7173-7174 (2019).

Naser AM, Clasen TF, Luby SP, et al. Groundwater Chemistry and Blood Pressure: A Cross-Sectional Study in Bangladesh. *International Journal of Environmental Research and Public Health* 16, 2289 (2019).

Naser AM, Rahman M, Unicomb L, Doza S, Gazi MS, Alam GR, Karim MR, Uddin MN, Khan GK, Ahmed KM, Shamasudduha M, Anand S, Narayan KMV, Chang HH, Luby SP, Gribble MO, Clasen TF. Drinking water salinity, urinary macro-mineral excretions, and blood pressure in the southwest coastal population of Bangladesh. *Journal of the American Heart Association*. 2019; 8:e012007. DOI: 10.1161/JAHA.119.012007.

Ourshalimian, S., **Naser, AM**, Rahman, M, et al. Arsenic and fasting blood glucose in the context of other drinking water chemicals: a cross-sectional study in Bangladesh. *Environmental Research* 172, 249-257 (2019).

Naser, A.M., et al., Sand Barriers around Latrine Pits Reduce Fecal Bacterial Leaching into Shallow Groundwater: A Randomized Controlled Trial in Coastal Bangladesh. *Environmental Science & Technology*, 2019. 53(4): p. 2105-2113.

Naser AM, Higgins EM, Arman S, Ercumen A, Ashraf S, Das KK, Rahman M, Luby SP and Unicomb L. Effect of groundwater iron on residual chlorine in water treated with sodium dichloroisocyanurate tablets in rural Bangladesh. *The American Journal of Tropical Medicine and Hygiene*. 2018;98:977-983

Luby SP, Rahman M, Arnold BF, Unicomb L, Ashraf S, Winch PJ, Stewart CP, Begum F, Hussain F, Benhamin-Chung J, Leontsini E, **Naser AM**, Parvez SM, Hubbard AE, et al. Effects of water quality, sanitation, handwashing, and nutritional interventions on diarrhoea and child growth in rural Bangladesh: a cluster randomised controlled trial. *The Lancet Global Health* 2018;6(3):e302-e15.

Naser AM, Unicomb L, Doza S, Ahmed KM, Rahman M, Uddin MN, Quraishi SB, Selim S, Shamsudduha M, Burgess W, Chang HH, Gribble MO, Clasen TF, and Luby SP. 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;7(9):e015205.

Naser AM, Rahman M, Unicomb L, Doza S, Ahmed KM, Uddin MN, Quraishi SB, Selim S, Gribble MO, Anand S, Clasen TF, Luby SPI. Drinking water salinity and kidney health in southwest coastal Bangladesh: baseline findings of a community-based stepped-wedge randomised trial. *The Lancet* 2017;389:S15.

Naser AM, Martorell R, Narayan K, et al. First Do No Harm: The Need to Explore Potential Adverse Health Implications of Drinking Rainwater. *Environmental Science & Technology* 2017;51(11):5865.

Rahman M, Ashraf S, Unicomb L, Mainuddin A, Parvez SM, Begum F, Das KK, **Naser AM**, Hussain F and Clasen T. WASH Benefits Bangladesh trial: system for monitoring coverage and quality in an efficacy trial. *Trials*. 2018;19:360.

Unicomb L, Begum F, Leontsini E, Rahman M, Ashraf S, **Naser AM**, et al. WASH benefits Bangladesh trial: management structure for achieving high coverage in an efficacy trial. *Trials*. 2018;19(1):359.

Parvez SM, Azad R, Rahman M, Unicomb L, Ram PK, **Naser AM**, et al. Achieving optimal technology and behavioral uptake of single and combined interventions of water, sanitation hygiene and nutrition, in an efficacy trial (WASH benefits) in rural Bangladesh. *Trials*. 2018;19(1):358.

Doza S, Jabeen RM, Islam M, Islam MA, Kwong LH, Unicomb L, Ercumen A, Pickering AJ, Parvez SM, **Naser AM**, Ashraf S, Das KK, Luby SP. Prevalence and Association of Escherichia coli and Diarrheagenic Escherichia coli in Stored Foods for Young Children and Flies Caught in the Same Households in Rural Bangladesh. *The American Journal of Tropical Medicine and Hygiene* 2018;98:1031-1038.

Islam M, Ercumen A, **Naser AM**, et al. Effectiveness of the Hydrogen Sulfide Test as a Water Quality Indicator for Diarrhea Risk in Rural Bangladesh. *The American Journal of Tropical Medicine and Hygiene* 2017; 97(6): 1867-71.

Ercumen A, **Naser AM**, Arnold B, et al. Can Sanitary Inspection Surveys Predict Risk of Microbiological Contamination of Groundwater Sources? Evidence from Shallow Tubewells in Rural Bangladesh. *The American Journal of Tropical Medicine and Hygiene* 2017;**96**(3):561.

Ercumen A, Arnold B, **Naser AM**, et al. Potential sources of bias in the use of Escherichia coli to measure waterborne diarrhoea risk in low-income settings. *Tropical Medicine & International Health* 2017;**22**(1):2.

Sadat R, **Naser AM**. Association of Volunteer Communication Mobilizers' Polio-Related Knowledge and Job-Related Characteristics With Health Message Delivery Performance in Kano District of Nigeria. *Global Health Communication* 2015;**1**(1):48-57.

Ercumen A, **Naser AM***, Unicomb L, Arnold BF, Colford Jr JM, Luby SP. Effects of Source-versus Household Contamination of Tubewell Water on Child Diarrhea in Rural Bangladesh: A Randomized Controlled Trial. *PloS One*. 2015;10(3):e0121907. ***Co-primary author with equal contribution.**

Naser AM, Hossain M, SAZZAD H, Homaira N, Gurley E, Podder G, et al. Integrated cluster-and case-based surveillance for detecting stage III zoonotic pathogens: an example of Nipah virus surveillance in Bangladesh. *Epidemiology and Infection*. 2014:1-9.

Zaman K, **Naser AM**, Power M, Yaich M, Zhang L, Ginsburg AS, et al. Lot-to-lot consistency of live attenuated SA 14-14-2 Japanese encephalitis vaccine manufactured in a good manufacturing practice facility and non-inferiority with respect to an earlier product. *Vaccine*. 2014;32(46):6061-6.

Haque, F., Hossain, M., Kundu, S., **Naser, AM**, Rahman, M., & Luby, S. (2013). Cholera Outbreaks in Urban Bangladesh In 2011. *Epidemiology*, 3(126), 2161-1165.1000126.

M. Saiful Islam, M. Jahangir Hossain, Andrea Mikolon, Shahana Parveen, M. Salah Uddin Khan, Najmul Haider, Apurba Chakraborty, **Abu Mohd Naser**, M. Waliur Rahman, Hossain M. S. Sazzad, Mahmudur Rahman, Emily S. Gurley, Stephen P. Luby. Risk practices for animal and human anthrax in Bangladesh: An exploratory study. *Infection Ecology & Epidemiology* 2013, 3:21356.

Naser AM. Randomized controlled trial evaluating health impact of treating and safely storing shallow tubewell drinking water in rural Bangladesh. *icddr,b Health and Science Bulletin*; Vol. 11 No.4, March 2013.

Naser AM. The economic burden of influenza-like illness in Mirpur, Dhaka, during the 2009 pandemic: A household cost of illness study. *icddr,b Health and Science Bulletin*. Vol. 8 No. 1, March 2010.

PRESENTATIONS

Naser AM, Rahman, M., Alonso, A., Vaccarino, V., & Gribble, M. (2021). Abstract P093: Sex-stratified Associations Of Urine Electrolytes With 10th & 90th Percentiles Of Systolic Blood Pressure Distribution. *Circulation*, 143(Suppl_1), AP093-AP093. Presented at EpiLifestyle 2021 Conference.

Naser AM, Rahman M. Seen and unseen stress on water resources in climate-vulnerable countries. "Health effects of water salinity in climate-vulnerable coastal Bangladesh". World Water Week At Home. 27th August, 2020. Link [here](#).

Naser AM. WASAG: Actions for Water and Nutrition Security. Salinity in drinking water: Good or bad for nutrition and health. World Water Week At Home. 27th August, 2020

Naser AM. Water Salinity and Cardiometabolic Nutrition: Insights from southwest coastal Bangladesh. WASAG virtual workshop on water & nutrition. IFPRI. 16-18 June, 2020. Link:

<https://www.slideshare.net/ifpri/water-salinity-and-cardiometabolic-nutrition-insights-from-bangladesh>

Naser AM, Rahman M, Unicomb L, et al. Drinking water salinity and kidney health in southwest coastal Bangladesh: baseline findings of a community-based stepped-wedge randomised trial. Planetary Health Inaugural Meeting 28-30 April 2017; Cambridge, MA, USA

Naser AM, Rahman M, Unicomb L, et al. Urinary excretion of sodium, potassium, calcium and magnesium and blood pressure among a population of ≥ 20 -year-olds: evidence from southwest coastal Bangladesh. Joint Hypertension 2018 Scientific Sessions. American Heart Associations. 6-9 September 2018, Chicago, USA

Naser AM, Thomas F. Clasen, Stephen P. Luby, Mahbubur Rahman, Leanne Unicomb, Mohammad Shamsudduha, Howard Chang, K.M. Venkat Narayan, Kazi M. Ahmed, Matthew O. Gribble. Groundwater chemical concentrations and blood pressure in Bangladeshi adults. International Society for Environmental Epidemiology Meeting. September 26, 2017, Sydney, Australia

Naser AM, Rahman M, Unicomb L, et al. Drinking water salinity and kidney health in southwest coastal Bangladesh: baseline findings of a community-based stepped-wedge randomised trial. Planetary Health Inaugural Meeting 28-30 April 2017; Cambridge, MA, USA

Naser AM, Henrik Salje, Mahmudur Rahman, Mohammed Ziaur Rahman, James D. Heffelfinger, Stephen P. Luby, Emily Gurley. "Insights into the spread of chikungunya in Bangladesh from a seroprevalence study". 2014 ASTMH 63 Annual Meeting, 2-6 November 2014, New Orleans, USA.

Naser AM, Eilidh M. Higgins, Shaila Arman, Ayse Ercumen, Sania Ashraf, Mahbubur Rahman, Stephen P. Luby, Leanne Unicomb. "Influence of iron and groundwater contamination on residual chlorine of water treated with sodium dichloroisocyanurate (NaDCC) tablets". 2013 OU WaTER Conference, 23-25 September 2013, University of Oklahoma, USA.

Naser AM, Ayse Ercumen, Zahir Hussain, Ziaur Rahman, Benjamin F. Arnold, John M. Colford, Jr., Stephen P. Luby, Leanne Unicomb. "Tube well water disinfection using sodium dichloroisocyanurate when recommended chlorine residual is not attained". 2013 UNC Water & Health Conference, 14-18 October 2013, University of North Carolina, USA.

K. Zaman, **Naser AM**, Maureen Power, Mansour Yaich, Lei Zhang, Amy Sarah Ginsburg, Stephen P. Luby, Mukesh Bhardwaj, Jorge Flores. "Lot-to-lot consistency of live attenuated SA 14-14-2 Japanese encephalitis vaccine manufactured in a Good Manufacturing Practices facility and non-inferiority with respect to an earlier product". 7th Vaccine & ISV Congress, 27-29 October, 2013, Sitges, Barcelona, Spain.

SKILLS

Languages: Bengali (native), English (fluent), Farsi (oral), Hindi and Urdu (oral)

Naser Titu-CV

Statistical Software and analytical skills: I am proficient in R and Stata, but also occasionally conduct analyses in MPlus, and SAS.

PROFESSIONAL AFFILIATIONS & SERVICES

Guest Editor: Special Issue: Risk Factors, Prevention and Management of Cardiometabolic Diseases: Infection and Chronic Inflammatory Perspectives. International Journal of Environmental Research and Public Health.

Member: Center for Global safe WASH, Emory University, American Heart Association (AHA), American Diabetic Association (ADA), American Society of Tropical Medicine and Hygiene (ASTMH), Bangladesh Medical and Dental Council (BMDC)

Reviewer: Environmental Health Perspective, BMJ Open, American Journal of Tropical Medicine and Hygiene, Demography, Earth Systems and Environment, Journal of Health, Population and Nutrition, Wellcome Open Research, Plos One

Session co-chair: WaSH-E section of the ASTMH Scientific Program, American Society of Tropical Medicine and Hygiene, 67th Annual Meeting. New Orleans, 2018.