

Dr. Nazma Shaheen

Professor and Ex-Director
Institute of Nutrition and food science



UNIVERSITY OF DHAKA

Background/Expertise

Dr. Nazma Shaheen has been working as a Professor in the Institute of Nutrition and Food Science (INFS), University of Dhaka and has 33 years' experience of teaching and research in the field of nutrition particularly micronutrient malnutrition and health. In addition, she has been leading the production, management and use of food composition data in the South Asian countries as the Focal Person of Bangladesh for INFOODS' "SAARCFOODS"-forum for Food Composition Database (FCDB) for SAARC countries.

Professor Nazma has established herself as a distinguished scientist in the field of nutrition, who has devoted much of her career to the topic of food composition. She has made significant achievements in food composition and related issues at global level focusing on developing countries including Bangladesh as a priority. Her significant achievements in the implementation of food composition activities have been recognized internationally through awarding her INFOODS Success Story Award (2015).

To meet the urgent demand felt by nutrition researchers, agriculture scientists and policy makers, Nazma has led the team as the principal investigator for updating the Food Composition Table for Bangladesh (recognized through UGC Award, 2013) to generate reliable and comprehensive data source to enable accurate assessment of dietary intake having widespread nutritional implications.

Additionally, she has worked with several national and international NGOs and research organizations focusing on elimination of malnutrition among vulnerable groups. She conducted/supervised an appreciable number of research projects/surveys over the years with Government of Bangladesh (MoF, MoA, MoE, MoHFW), UNICEF, FAO, WFP, GAIN, HDRC, ALRD etc. Mostly, her research works covered the areas of Nutrition and Food Biochemistry.

Academic Qualifications

1. Post-doc in Food Functionality. Degree Awarded in 2009. National Food Research Institute United Nations University, Tokyo, Japan.
2. Ph.D. in Biochemistry, Degree Awarded in 1996. Medical faculty of Kagoshima University, Kagoshima, Japan.
3. M.Sc. in Biochemistry, 1st Class, 1984. Department of Biochemistry, University of Dhaka, Dhaka, Bangladesh.
4. B.Sc. (Hons) in Biochemistry, 1st Class, 1982. Department of Biochemistry, University of Dhaka, Dhaka, Bangladesh.

Professional Training

1. **Postgraduate Certificate Course (2001):** Attended a course on “Use of Information Technology in Nutrition” at Uppsala University, Sweden.
2. **Training Course (2001):** Attended a training course on “Epidemiology and Biostatistics” in the International Centre for Diarrheal Disease Research, Bangladesh.
3. **Postgraduate Certificate Course (2006):** Attended a course in "Production and Use of Food Composition Data in Nutrition” in the National Institute of Nutrition, India.

HONORS AND AWARDS

2016 *National:* -University Grants Commission (UGC) Gold Medal

2015 *International:* -INFOODS Success Story Award

2013 *International:* -The Nevin Scrimshaw International Nutrition Foundation Fellowship Award

2013 *National:* -University Grants Commission (UGC) Award

Expert members in Professional Body:

1. Expert member of Technical Committee, Bangladesh National Nutrition Council
2. Member, Bangladesh Medical Research Council (BMRC)
3. Convenor, Scale Up Nutrition (SUN), Academia Platform of Bangladesh

Research Gate: https://www.researchgate.net/profile/Nazma_Shaheen

Google Scholar: <https://scholar.google.com/citations?user=sczN06kAAAAJ&hl=en>

On-going Research:

- Nutrient density and affordability of habitual and desirable diets in Bangladesh by life cycle stage, region and vulnerable groups, 2020 under FAO-MUCH project
- To develop curriculum for training of SEMs to ensure Nutritious and Safe foods to support the workplace Nutrition of Bangladesh funded by GAIN, 2020
- Baseline Survey of Knowledge, Attitude, Practice, Behavior (KAPB), and Food Supply System around nutritious and safe food consumption among Factory Workers enrolled in factories for SWAPNO Project funded by GAIN, 2020-2021
- Assessment of the food safety characteristics and risks associated with edible oil transported and sold in drums collaboration with James P Grant Public Health School, BRAC University funded by GAIN, 2021
- Quantitative estimation of allergen proteins of different varieties of lentils developed by Bangladesh Agricultural Research Institute collaboration with Oklahoma University, USA

- Understanding the molecular responses, taste and adaptation of Hilsa (*Tenualosa ilisha*) to environmental variations through proteome analysis collaboration with Department of Biochemistry and Molecular Biology, University of Dhaka and Brown University, USA

Selected Research Experiences

1. Estimating trans fatty acid (TFA) exposure of Bangladeshi population funded by Director General of Health, Ministry of Health, Government of Bangladesh.
2. Baseline Study of Sustained Opportunities for Nutrition Governance (SONGO) Project funded by EU (2019)
3. Evidence based Menu planning for Mid-Day Meal for RMG Workers to Strengthening Workers Access to Pertinent Nutrition Opportunities (SWAPNO) funded by GAIN, Bangladesh, 2019
4. Gel-based Proteomic Approaches to identify and quantify Allergens proteins in Lentils –a commonly consumed Food Stuff in Bangladesh funded by Advanced Research in Education (GARE), BANBEIS, Ministry of Education, Govt. of Bangladesh (2018-2020).
5. Nutrition and economic growth in Bangladesh, research collaboration with Brown University (2017-2018)
6. Food Consumption Survey Emphasized on Nutrition and Economic growth in Bangladesh, funded by FAO (2017-2018)
7. JiVitA-1 cohort follow-up, funded through “Enhancing newlywed health and adolescent pregnancy outcome in rural Bangladesh,2018 (research collaboration with John Hopkins University)
8. Subproject Manager of the World Bank funded HEQEP project “Advancement of Food Composition Activities of the Centre for Advanced Research in Sciences with a State-of-the-Art Instrumentation Laboratory” (2014-2017).
9. Cross-country study on food and rice away from home funded by FAO. (2016)
10. Worked as the principal investigator in the UNICEF funded project “Study to Assess Anaemia and Iron Deficiency among Pregnant Women Living in Areas with Low and High Ground Water with Iron: Implications for IFA Supplementation Programme” (2015).
11. Conducted the end line survey of the FAO funded project “Improving food security of women and children by enhancing backyard and small-scale poultry production in the southern delta region” (2015).
12. Conducted the end line survey of the FAO funded project “Integrated agriculture interventions for improved food and nutrition security in selected districts of southern Bangladesh” (2015).
13. Worked as Consultant for the end line assessment of nutritional status among women and children in MYCNSIA areas in Bangladesh (2015).
14. Formative Research Food Recall (Quantity and Quality) Among Pregnant Women in Mymensingh, Rangpur, Lalmonirhat and Kurigram Districts, Alive and Thrive, FHI 360. (2015).

15. National Situation of Food and Nutrition Security in Bangladesh: A Situational Analysis - Prepared on behalf of ALRD for Asian Alliance against Hunger and Malnutrition (AAHM) (2012).
16. Baseline consumption survey for the FAO funded "Integrated agriculture interventions for improved food and nutrition security in selected districts of southern Bangladesh" (2013).
17. Food Composition Tables for Bangladesh, NFPSCP-FAO, FPMU, Ministry of Food, Govt. of Bangladesh (2013).
18. Screening of Functionality of indigenous Foods of Bangladesh - Funded by United Nations University as a follow-up research for UNU-Kirin fellowship, 2008
19. Performance Assessment of Renovated Salt Iodization Plants (SIPs) in Chittagong and Narayanganj Zone, 2007 (funded by MI).
20. Impact of Selenium on Iodine Deficiency Disorders. (Partially funded by Science & Technology ministry, Govt. of Bangladesh). 2006
21. Nutritional education among the mothers of hospitalized children, their nutritional status and follow-up evaluation (funded by University Grants Commission).
22. Worked as a consultant for HDRC with TANGO international of Arizona, USA to midterm evaluation of the Shouhardo I Program of CARE, Bangladesh. 2005
23. Worked as consultant for HDRC to provide technical assistance for Assessment and review of gender issues in an UNICEF assisted project.
24. Worked as consultant for HDRC in "Assessment of the situation of Children and Women in the Urdu-speaking (Bihari) Camps and Tea garden of Bangladesh" in an UNICEF assisted project.
25. Worked as a consultant of HDRC for the final evaluation of the "Shahar" project of CARE, Bangladesh. (2001)
26. National surveys on Iodine Deficiency Disorders and Arsenicosis in Bangladesh-1999 (funded by UNICEF).
27. Evaluation of USI (Universal Salt Iodization) in Bangladesh (1999) to combat the iodine deficiency disorders (funded by UNICEF).
28. Conducting Iodine deficiency disorders (IDD) indicators study with CDC, Atlanta, USA to ascertain the relationship between the various IDD indicators in populations with varying degree of deficiency and assessed the suitable indicators for the public health use (1996)
29. Evaluation of Universal Salt Iodization (USI) in Bangladesh (1996) by determining the iodine content of salt at the production, retail shop & house hold levels to combat the iodine deficiency prevails in Bangladesh (funded by UNICEF).
30. Impact of Nutrition education on nutritional status of under-five children of selected slum area of Dhaka City (funded by Science and Technology ministry, Govt. of Bangladesh). (1996)

Selected Publications (peer reviewed articles)

1. Marjia Sultana, Towhid Hasan, **Nazma Shaheen**: Molar ratios of dietary phytate to minerals and iron status of female residential students in University of Dhaka, Bangladesh; *Journal of Nutrition and Health*, March 2021 DOI: [10.1177/0260106021991633](https://doi.org/10.1177/0260106021991633)
2. Md Mohiduzzaman, Kazi Muhammad Rezaul Karim, Abu Torab, **Nazma Shaheen**; Antioxidant Nutrient Density of Local Foods: Content of Vitamin C in Selected Fruits and Vegetables of Bangladesh; *Bangladesh Journal of Nutrition*, March 2021; 32:1-4
3. **Nazma Shaheen**, Avonti Basak Tukun, Saiful Islam, Kazi Turjaun Akhter, Md Sujan Hossen, and Thingnganing Longvah; Polyphenols profile and antioxidant capacity of selected medicinal plants of Bangladesh; *Bioresearch Communications* Volume 7, Issue 1, January 2021
4. Marjia Sultana, Towhid Hasan, **Nazma Shaheen**; Energy and Nutrient intake and Dietary Diversity among Female Residential Students of Bangladesh: *Current Research in Nutrition and Food Science*; ISSN: 2347-467X, Vol. 07, No. (1) 2019, Pg. 244-25
www.foodandnutritionjournal.org
5. **Nazma Shaheena**,², Oumma Halimaa,¹, Kazi Turjaun Akhtera, Noshin Nuzhatb, R. Shyama Prasad Raoc, Rashaun S. Wilsond, Nagib Ahsan. Proteomic characterization of low molecular weight allergens and putative T allergen proteins in lentil (*Lens culinaris*) cultivars of Bangladesh. *Food Chemistry* Volume 297, 1 November 2019, 124936.
<https://doi.org/10.1016/j.foodchem.2019.06.003>
6. David Dawe, Roehlano Briones, Nazmul Hassan, Hermanto, Jikun Huang, A. Ganesh Kumar, Le Hoa Nguyen, Handewi P. Saliem, **Nazma Shaheen**, Thi Thu Trang Truong, Nuttanan Wichitaksorn, Sunniva Bloem;
7. *Trends in food prepared outside the home in some Asian countries. August 2019 World Food Policy* 5(1). DOI: 10.1002/wfp2.12001
8. Nazmul Hassan, Nafis Md. Irfan, Sanjit Roy, **Nazma Shaheen**; Cross-country study on food consumption patterns and rice away from home: The case of Bangladesh. *World Food Policy* 5(1):6-15, May 2019. DOI: 10.1002/wfp2.12000
9. Marjia Sultana, Towhid Hasan, **Nazma Shaheen**; Dietary Diversity and Nutritional Status of Female Residential Students in University of Dhaka, Bangladesh. *Indian Journal of Public Health Research and Development* 10(6):644, January 2019 DOI: 10.5958/0976-5506.2019.01349.4
10. Rakhi Nandi, Kazi Turjaun Akhter, Nafis Md. Irfan, Ishrat Nouiin Khan, Nuhat Raisa Seoty, **Nazma Shaheen**; Varietal differences in proximate composition of selected commonly consumed vegetables of Bangladesh. *Bangladesh Journal of Nutrition*, Vol. 28-31, December 2018,
11. Ishrat Nourin Khan, Kazi Turjaun Akhter, Rakhi Nandi, Syed Mahfuz A1 Hasan, Abu Torab MA Rahim, Lalita Bhattachajjee and **Nazma Shaheen**. Dietary intake pattern of lactating mother and under five children in selected districts of southern Bangladesh. *Bangladesh Journal of Nutrition*, Vol. 28-31, December 2018,

12. Ahmed F, Khan MR, **Nazma Shaheen** Ahmed KMU, Hasan A, Chowdhury IA, Chowdhury R. Anemia and iron deficiency in rural Bangladeshi pregnant women living in areas of high and low iron in groundwater. *Nutrition*. (2018) 51-52:46-52
13. **Nazma Shaheen**, Akhter KT, Khan IN, Irfan NM. Total phenol content, Anti-inflammatory, Anti-allergic and Antioxidant activity in differently processed *Camellia Sinensis* of Bangladesh. *Bioresearch Communications*. 2018 Jan 4(1): 456-463
14. **Nazma Shaheen** Tukun AB, Islam S, Irfan NM, Khan IN, Hasan T. Evaluation of functional potentiality of selected commonly consumed foods of Bangladesh. *Functional Foods in Health and Disease*. (2016) 6(11): 735-53
15. **Nazma Shaheen**, Saiful Islam, Sarah Munmun, Md. Mohiduzzaman, Thingnganing Longvah. Amino acid profiles and digestible indispensable amino acid scores of proteins from the prioritized key foods in Bangladesh. *Food Chemistry*. 2016 June 213:83-89.
16. **Shaheen N**, Irfan NM, Khan IN, Islam S, Islam MS, Ahmed MK. Presence of heavy metals in fruits and vegetables: Health risk implications in Bangladesh. *Chemosphere*. 2016 Jun; 152:431-8.
17. A A Shamim, S R Mashreky, T Ferdous, K Tegenfeldt, S Roy, AKM Rahman, I Rashid, R Haque, Z Rahman, K Hossen, S R Siddiquee, M Rahman, T G Sanghvi, **N Shaheen**. Pregnant women diet quality and its socio-demographic determinants in south-western Bangladesh, *Nutrition Bulletin* (2016).
18. M K Ahmed, **N. Shaheen**, M S Islam, M Habibullah-Al-Mamun, S Islam, M M Islam, G K Kundu, L Bhattacharjee. A comprehensive assessment of arsenic in commonly consumed foodstuffs to evaluate the potential health risk in Bangladesh, *Science of the Total Environment*. (2016); 544: 125-133.
19. M K Ahmed, **N. Shaheen**, M S Islam, M Habibullah-Al-Mamun, S Islam, C P Banu. Trace elements in two staple cereals (rice and wheat) and associated health risk implications in Bangladesh, *Environmental Monitoring and Assessment*. (2015); 187-326.
20. M K Ahmed, **N. Shaheen**, M S Islam, M Habibullah-Al-Mamun, S Islam, M Mohiduzzaman, L Bhattacharjee. Dietary intake of trace elements from highly consumed cultured fish (*Labeo rohita*, *Pangasius pangasius* and *Oreochromis mossambicus*) and human health risk implications in Bangladesh, *Chemosphere*. (2015); 128: 284–292.
21. **N. Shaheen**, M K Ahmed, M S Islam, M Habibullah-Al-Mamun, S Islam, A B Tukun, A T M A Rahim. Health risk assessment of trace elements via dietary intake of 'non-piscine protein source' foodstuffs (meat, milk and egg) in Bangladesh, *Environmental Science and Pollution Research*. (2015); DOI: 10.1007/s11356-015-6013-2.
22. Tukun AB, **Shaheen N**, Banu CP, Mohiduzzaman Md, Islam S, Begum M. Antioxidant capacity and total phenolic contents in hydrophilic extracts of selected Bangladeshi medicinal plants, *Asian Pacific Journal of Tropical Biomedicine*. (2014); 4(9):703-708.
23. **Shaheen N**, Kurshed AAM, Karim KMR, Mohiduzzaman MD, Banu CP, Begum M and Takano-Ishikawa T. Total phenol content of different varieties of brinjal (*Solanum melongena* L.) and potato (*Solanum tuberosum* L.) growing in Bangladesh. *Bangladesh J. Bot.* 42(1): 175-177, 2013 (June).
24. Mamun S, **Shaheen N**, Basak Tukun A, Mohiduzzaman Md., Banu C P and Tanaka-ISHIKAWA Y. Hydrophilic Antioxidant Capacities and Total Phenol Content of Seasonal Fruits of Bangladesh. *Mal J Nutr* 18(3):355-362, 2012.

25. Hossain S, **Shaheen N**, Banu C P, Mohiduzzaman M. Total polyphenol content (TPC) and anti-oxidant activity of selected Tropical vegetables. *Mal J Nutr* 17(3):377-383, 2011.
26. **Shaheen N**, Goto M, Watanabe J and Takano-Ishikawa Y. Anti-oxidant Capacity and Total phenol content of selected commonly consumed Indigenous foods of Tropical country. *J of Food Science and Engineering*, vol. 2 no.1, 2012.
27. Rahim A T M A., Islam M., Ara G., Nessa M and **Shaheen N**. Commercial Fast Food and Traditional Snack Food of Bangladesh: II. Content of Proximate Nutrients, Sodium, Potassium, Dietary Fiber and Energy. *Bangladesh J. of Nutr.* (2002); vol.15, pp 79-89.
28. Nessa M., Rahim A T M A., **Shaheen N** and Kabir Y. Commercial Fast Food and Traditional Snack Food of Bangladesh: I. Content of Cholesterol and Triacylglycerol. *Bangladesh J. of Nutr.* (2002); vol.15, pp 69-77.
29. Rahim A T M A., Aziz F., **Shaheen N**. and Bhuyan MAH. Perception and Preference of Fast Food and Traditional Snack Food by Selected Urban Population. *Bangladesh J. Physiol. Pharmacol* (2001); 17(2): pp-58-62.
30. Mehjabeen S S, Banu C P, Mohiduzzaman M and **Shaheen N**. Comparison of Iodine status between Adolescent and Adult pregnant women at a Maternity Hospital in Dhaka city. *Bangladesh J. of Nutr.* (2007-2008) Vol.20-21, pp-33-42
31. Obidul A K, Zubair M A, Mohiduzzaman M, **Shaheen N** and Bhuyan M A H. Studies on feeding Effect of Different Levels of Iodine in Salts at Consumption Level Bangladesh J. of Nutr. (2005-2006) Vol. 18-19, pp-77-85.
32. **Shaheen N.**, Nahar S., Mohiduzzaman M and Bhuyan M A H. Assessment and Effect of Nutritional Education on Iodine Nutriture Status of Children Under Five Years from Selected Slum Areas in Dhaka City. *Bangladesh J. of Nutr.* (2003).
33. Alim S R., Podder A., Mohiduzzaman M., **Shaheen N** and Salamatullah Q. Purity Status of Some Popular Brands of soybean Oils Available in the Local Market of Dhaka City. *Bangladesh J. of Nutr.* (2001); vol.14, pp3-25-30.
34. Sharmin F., Alim S R., Mohiduzzaman M., **Shaheen N.**, Banu C P and Salamatullah Q. Nutritional and Socio-economic Status of female garment Factory Workers of Urban Dhaka. *Bangladesh J. Nutr* (2001); 14: pp-49-56.
35. Lopa S K., **Shaheen N.**, Alim S R. Bhuyan M A H. and Salamatullah Q. KAP on Iodine deficiency disorders (IDD) among two selected populations of Dhaka city, *Bangladesh J. Nutr.* (2000); 13: pp-19-26.
36. Mohiduzzaman M., **Shaheen N.**, Banu C P., Akter R. and Salamatullah Q. Assessment of Iodine Nutriture Status of School Children of Savar Area of Bangladesh, *Dhaka Shishu (children) Hospital J.* (1999); 15(1&2): pp. 10-15.
37. Mohiduzzaman M., **Shaheen N.**, Banu C P., Akter R. and Salamatullah Q. Assessment of Iodine Nutriture Status of School Children of Savar Area of Bangladesh, *Dhaka Shishu (children) Hospital J.* (1999); 15(1&2): pp. 10-15.
38. Sharmin F., Mohiduzzaman M., **Shaheen N.**, Rahman M M., Banu C P., Alim S R. and Salamatullah Q. Prevalence of goiter, Urinary iodine among female garment worker of Dhaka City. *Bangladesh J. Nutr.* (1998); 11 (1&2): pp.17-24.
39. **Shaheen N.**, Kobayashi K., Terazono H., Fukushige T., Horiuchi M and Saheki T. Characterization of Human Wild Type and Mutant Argininosuccinate synthetase Protein Expressed in Bacterial cells, *Enzyme & Protein* (1994-95); 48: pp. 251-264.

40. Kobayashi K., Kakinoki H., Fukushige T., **Shaheen N.**, Terazono H and Saheki T. Nature and frequency of mutations in the Argininosuccinate synthetase Gene that causes classical Citrullinemia, Hum. Genet. (1995); 96: pp. 454-463.
41. Kobayashi K., **Shaheen N.**, Terazono H and Saheki T. Mutation in Argininosuccinate synthetase on mRNA of Japanese patients, causing Classical citrullinemia, Am. J. Hum. Genet. (1994); 53: pp. 1103-1112.
42. Kobayashi K., **Shaheen N.**, Kumishiro R., Tanikawa K., O'Brain W E., Beaudet A L., and Saheki T. A search for the primary abnormality in adult-onset type II citrullinemia, Am. J. Hum. Genet. (1993); 53: pp. 1012-1030.
43. Ahmed F., Barua S., Mohiduzzaman M., **Shaheen N.**, Bhuyan M A H., Margetts B M and Jackson A A. Interaction between growth and nutrient status in school-age children of urban Bangladesh, Am. J. Clin. Nutr. (1993); 58 pp.334-338
44. Salamatullah Q., **Shaheen N.**, Mohiduzzaman M., Ahmed L and Saha A R. Effect of changes in food habit during Ramadan on the alteration in serum vitamins and minerals, Dhaka University Studies, part E (1992); 7 (1): pp.71-75.
45. Ahmed F., Khan M R., Mohiduzzaman M., **Shaheen N.**, Barua S., and Bhuyan M A H. Relationship between Growth and Nutrient status in School Children of Urban Bangladesh. Elements and Liver; Proceeding of International Symposium on Trace Elements and Liver Diseases. Edited by Said M. H. et. al.
46. Ahmed F., Mohiduzzaman M., Barua S., **Shaheen N.**, Margetts B M and Jackson A A. Effect of family size and income on the biochemical indices of urban school children of Bangladesh, European J. Clin. Nutr. (1992); 46: pp. 465-473.
47. Ahmed F., Bhuyan M A H., **Shaheen N.**, Barua S., Margetts B M and Jackson A A. Effect of socio-demographic conditions on growth of urban school children of Bangladesh, European J. Clin. Nutr. (1991); 45: pp. 327-330.
48. **Shaheen N.**, Ahmed F., Barua S and Bhuyan M A H. Studies on the Dietary pattern of urban school children, Bangladesh J. Nutr. (December 1989-June 1990); 3 (1&2): pp. 91-97

Book Chapter

- Bangladesh National Formulary (BNF), 2015; Chapter 16: Nutrition.

Books

- **Food Composition Table for Bangladesh**, First edition, June 2013 (**UGC and INFOOD award winning research Book**)

Presentation in International conference/Seminar/symposium

- **Shaheen N.**, GOTO M., WATANABE J. and TAKANO-ISHIKAWA Y
In vitro Screening of the Selected Indigenous Foods of Bangladesh for Anti-inflammatory and anti-allergic activities at the 21st Annual and international Meeting of the Japanese Association for Animal Cell Technology at Kyusyu Event Convention Center, November 24-27, 2008.
- **Shaheen N.**, GOTO M., WATANABE J. and TAKANO-ISHIKAWA Y

In vitro Screening of the Selected Indigenous Foods of Bangladesh for Anti-Microbial, Anti-inflammatory and anti-allergic activities at the 4th Bangladesh-Japan Joint International Conference on Microbiology, Food Safety and Hygiene at Nara Institute of Science and Technology, Nara, Japan, March 25-26, 2009.

- **Shaheen N.**, GOTO M., WATANABE J. and TAKANO-ISHIKAWA Y
Screening of the Food Functionality of Selected Indigenous and Commonly Consumed and Foods of Bangladesh at the 8th International Food Data Conference at Bangkok, Thailand, October 1-3, 2009.
- **Shaheen N.**, GOTO M., WATANABE J. and TAKANO-ISHIKAWA Y
In vitro Screening of the Selected Indigenous Foods of Bangladesh for anti-oxidant and anti-inflammatory activities at International Symposium on Cancer and Developmental Biology: Latest Clinical and Biochemical Advances, Senate Bhaban, University of Dhaka, Dhaka, Bangladesh, January 29-31, 2010.
- **Shaheen N** Iodine deficiency disorder situation in Bangladesh. "INTERNATIONAL ATOMIC ENERGY AGENCY" Regional meeting in Asia and the Pacific 'Nuclear techniques to address the double burden of malnutrition in children' (RAS/6/055), Atomic Energy Commission, Dhaka, Bangladesh, 24-28 January 2010.
- **Shaheen N** Food Composition activities of Bangladesh at meeting on "Food composition activities in SAARC countries: Present and future plan of action" Organized by SAARCFOODS/INFOODS, FAO & MRI Colombo, Medical Research Institute, Baseline Road, Colombo 08, Sri Lanka, October 18 & 19, 2010.
- Food Composition Database for Bangladesh (FCDB) at International Bose Conference, Bose Centre for Advanced Study and research in Natural Sciences, Senate Bhavan, University of Dhaka, Dhaka, Bangladesh, February 4, 2013.
- Food Composition Database for Bangladesh at 37th National Nutrient Databank Conference, Tuft University, Massachusetts, USA, April 17, 2013.
- Heavy metal content of key foods of Bangladesh, Experimental Biology Meeting, 2013 Boston Convention and Exhibition Center, Boston, USA, April 20-24, 2013.
- Nutritional Compositional Profile of Selected Key Foods of Bangladesh, 10th International Food Composition Data Conference (IFDC), Convention center, Granada, Spain, September 12-14, 2013.
- Polyphenol Profile and Antioxidant Capacity of Selected Medicinal Plants of Bangladesh, IUNS 20th International Congress of Nutrition, Convention Center, Granada, Spain, September 15-20, 2013.
- Antioxidant Micronutrient Content in Highly Consumed Foods of Bangladesh. 39th National Nutrient Databank Conference, Alexandria, VA, USA, May 16-18, 2016
- "Evaluation of functional potentiality of selected commonly consumed foods of Bangladesh" 20th International Conference entitled "Functional and Medical Foods for Chronic Diseases:

Bioactive Compounds and Biomarkers” to be held at Harvard Medical School, Boston, MA, USA on September 22-23, 2016.

- The profile of polyphenols and antioxidant capacity of selected medicinal plants of Bangladesh” 20th International Conference entitled “Functional and Medical Foods for Chronic Diseases: Bioactive Compounds and Biomarkers” at Harvard Medical School, Boston, MA, USA on September 22-23, 2016
- Amino acid profiles and digestible indispensable amino acid scores of proteins from the selected prioritized key foods in Bangladesh. 16th World Congress on Nutrition and Food Chemistry. Zurich, Switzerland, September 18-20, 2017
- An assessment of nutritional status of household members with respect to food and nutrient consumption by Nutrition Survey of Bangladesh 2017-18 (Invited Speaker of Plenary session). 2nd International Centenary Conference, National Institute of Nutrition (NIN), Hyderabad, India on 11-13 November, 2018
- Dietary Data Collection, Analysis and Use: taking Stock of Country Experience and Promising Practices in LMICs, December 11-13, 2019, FAO Headquarter, Rome, Italy.

Personal Information's:

Father's Name: Abu Zaid Sikder

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