

Dr. Malay Kanti Mridha
 Email: malay.mridha@bracu.ac.bd; mridha.malayk@gmail.com
 Cell: +8801715190573; Skype: mridha.malayk

I. EDUCATION

Degree/Year	Institution	Field/Major
PhD/2014	University of California, Davis	Nutritional Biology with a Designated emphasis on Community Nutrition
MPH/2007	State University of Bangladesh	Reproductive Health
MSc/2002	University of Dhaka	Health Economics
MSc/2001	University of Dhaka	Nutrition
Post Graduate Diploma/2000	University of Dhaka	Health Economics
MBBS/1997	University of Chittagong	Medicine/Surgery/Gynecology and Obstetrics
Diploma in French Language/1996	Alliance Francaise de Paris	French
Higher Secondary School Certificate/1989	Notre Dame College, Dhaka	Science

II. PROFESSIONAL EXPERIENCE

Position	Dates	Institution
Professor and Director, Center of Excellence for Non-communicable Diseases and Nutrition	2020-	BRAC JPG School of Public Health, BRAC University
Associate Professor and Director, Center of Excellence for Non-communicable Diseases and Nutrition	2018-2020	BRAC JPG School of Public Health, BRAC University
Associate Professor	2017-2017	BRAC JPG School of Public Health, BRAC University
Assistant Project Scientist	2014-2016	University of California, Davis
Project Coordinator	2013-2016	Centre for Reproductive Health, ICDDR,B
Postdoctoral Research Scholar	2014-2014	University of California, Davis
Graduate Student Researcher	2008-2013	University of California, Davis
Assistant Scientist/Research Associate	2006-2008	Centre for Reproductive Health, ICDDR,B
Research Investigator	2005-2006	Centre for Reproductive Health, ICDDR,B
Technical Manager	2004-2005	Concern Worldwide, Bangladesh
Program Officer	2003-2004	HIV/AIDS and STD Alliance Bangladesh
M & E Manager	2002-2003	Diabetic Association of Bangladesh
Director (Acting)	2001-2002	Bangladesh Women's Health Coalition
Assistant Director	2001-2001	Bangladesh Women's Health Coalition
Medical Officer	2000-2001	Bangladesh Women's Health Coalition
Medical Officer	1998-1999	BRAC
Intern Doctor	1997-1998	Chittagong Medical College Hospital
Other		
Adjunct Faculty	2006-2016	BRAC JPG School of Public Health, BRAC University
Adjunct Faculty	2015-2016	School of Public Health, Independent University

Adjunct Faculty	2014-2016	Department of Public Health, North South University
Adjunct Faculty	2013-2014	Department of Public Health, State University of Bangladesh

III. HONORS and AWARDS

Year	Award
2019	Top performer award from BRAC James P Grant School of Public Health
2016	PICN travel award to attend Experimental Biology Conference in San Diego
2012-2014	NIH Fellowship through the University of California, San Francisco
2009	Jastro Shield Research Grant from University of California, Davis
2008-2011	Fogarty Training Grant for Doctoral Studies at UC, Davis
2004	Scholarship to attend International AIDS Congress in Bangkok, Thailand
2002	Scholarship to attend International AIDS Congress and facilitate a skill-building workshop in Barcelona, Spain
2001	Scholarship to attend International Congress on AIDS in Asia and the Pacific in Melbourne, Australia

IV. RESEARCH GRANT PARTICIPATION

Protocol title	Donor (sponsor)	Amount (US\$)	Duration	Role
Effectiveness of nutrition-specific and nutrition-sensitive interventions: a randomized controlled trial	UNICEF-Bangladesh	35,143	1/02/2020 to 31/03/2022	Co-Investigator
Evaluation and process documentation of BRAC maternal and neonatal health program	Enfants du Monde	38,750	1/02/2020 to 31/12/2020	PI (BRAC University)
Delivery of training on packages of essential non-communicable diseases interventions for primary health care providers	World Health Organization	80,152	September 2019 to December 2019	PI (BRAC University)
Research on the integration of nutrition, early childhood development and water, sanitation and hygiene interventions for child health (RINEW-G)	Bill and Melinda Gates Foundation through ICDDR,B	28,146	31/07/2019 to 1/5/2020	PI (BRAC University)
Transforming primary health care to prevent and control non-communicable diseases	NIHR, UK	75,000	1/1/2020 to 1/4/2021	PI (BRAC University)
Institutional support for the Center of Excellence on NCD	NIHR, UK	180,627	1/5/2018 to 1/4/2021	PI (BRAC University)
National surveillance on NCD and risk factors	NIHR, UK	477,935	1/5/2018 to 1/4/2021	Co-PI (BRAC University)
National Nutrition and Food Security Surveillance 2018	Government of Bangladesh	250,000	1/4/2018 to 31/12/2019	PI (BRAC University)
Baseline Survey of the Project for Strengthening Health Systems through Organizing Communities	JICA	48,387	15/2/2018 to 31/5/2018	PI (BRAC University)

(SHASTO)				
Analytical task in support of capacity development in nutrition Surveillance and research in Bangladesh	The World Bank	99,999	4/1/2017 to 3/31/2019	PI (BRAC University)
Formative and Implementation Research: Exploring the implementation setting to better inform the design of the Integrated Nutrition and Deworming Program: Improving Adolescent Girls' Health & Nutrition (DAWN) and inform the process of developing effective behavior change intervention	Nutrition International	34,238	1/4/2017 to 31/7/2017	Co PI (BRAC University)
The efficacy of zinc-biofortified rice in improving zinc status in young Bangladesh children	HarvestPlus	848,078	1/1/2017 to 12/31/2018	PI (BRAC University)
Assessing the long-term impact of nutritional supplementation during the first 1000 days: evaluation of child growth, cognitive development, food preferences, epigenetic changes and maternal health status	USAID	376,944	1/1/2016 to 06/30/2017	PI (ICDD R,B)
Nutritional status and birth outcomes in pregnant adolescent women in rural Bangladesh	Sackler Institute Research Fund	49,499	1/1/2016 to 6/30/2017	Co-I (UC Davis)
Developing a workable model for Kangaroo mother care in Bangladesh	USAID	30,000	11/1/2014 to 9/30/2015	Co-PI (ICDDR,B)
Evaluation of the nutritional status of pregnant and lactating women and their children enrolled in the LAMB Project in Bangladesh	USAID	4,032,144	11/1/2010 to 11/30/2016	PI (ICDDR,B)
Acceptability of lipid-based nutrient supplements (LNS) and micronutrient powder (MNP) for women and infants in Bangladesh	USAID	27,931	9/30/2009 to 2/28/2010	Co-PI (UC Davis)
Community-based maternal, neonatal and child health programme (Manoshi) for urban Bangladesh	Bill and Melinda Gates Foundation	2,000,000	4/1/2007 to 12/31/2011	Co-PI (ICDDR,B)
Maternal and neonatal care configurations in Bangladesh: availability and quality	DFID	150,000	7/1/2007 to 3/1/2009	PI (ICDDR,B)
Extent and consequences of catastrophic household costs for caesarean section delivery among poor households	USAID	36,322	7/1/2007 to 12/31/2008	PI (ICDDR,B)
Evaluation of partner notification for sexually transmitted infections	AusAID	132,914	1/1/2007 to 3/31/2008	Co-PI

by service providers in Bangladesh				
Study to understand barriers to condom use among female sex workers in Bangladesh	AusAID	76,086	5/1/2006 to 3/31/2008	Co-I
Protocol title	Donor (sponsor)	Amount (US\$)	Duration	Role
Evaluation of two home-based skilled birth attendant program in rural Bangladesh	USAID	121,343	7/1/2006 to 6/30/2007	Co-I
MotherNewborNet	USAID	123,802	6/1/2005 to 12/31/2006	PI
Scaling up high impact MNCH and family planning interventions to achieve MDG in Asia and Near-East region	USAID	39,956	2/1/2006 to 6/30/2006	PI

V. PUBLICATIONS

A. *International Journal*

1. Gupta N, Coates MM, Bekele A, Dupuy R, Fénelon DL, Gage AD, Getachew T, Karmacharya BM, Kwan GF, Lulebo AM, Masiye JK, Mayige MT, Ndour Mbaye M, **Mridha MK**, Park PH, Dagnaw WW, Wroe EB, Bukhman G. Availability of equipment and medications for non-communicable diseases and injuries at public first-referral level hospitals: a cross-sectional analysis of service provision assessments in eight low-income countries. *BMJ Open*. 2020 Oct 10;10(10):e038842. doi: 10.1136/bmjopen-2020-038842.
2. Adams KP, Adu-Afarwuah S, **Mridha MK**, Oaks BM, Matias SL, Arnold CD, Kumordzie SM, Okronipa H, Ocansey ME, Dewey KG. The impact of maternal supplementation during pregnancy and the first six months postpartum on the growth status of the next child conceived and born after the intervention period: follow-up results from Bangladesh and Ghana. *Matern Child Nutr*. 2020 Feb 5:e12927. doi: 10.1111/mcn.12927. [Epub ahead of print]
3. Dewey KG, Matias SL, **Mridha MK**, Arnold CD. Nutrient supplementation during the first 1000 days and growth of infants born to pregnant adolescents. *Ann N Y Acad Sci*. 2020 May;1468(1):25-34. doi: 10.1111/nyas.14191.
4. Akter F, Hossain MM, Shamim AA, Hasan M, Hanif AAM, Hossaine M, Ullah MA, Sarker SK, Rahman SMM, Mitra DK, Haque ME, **Mridha M**. Inadequate Dietary Diversity and Its Determinants Among Adolescent Girls and Boys: Evidence from the National Nutrition Surveillance Study in Bangladesh. *Current Developments in Nutrition*. 2020 Jun; 4(S2):502. DOI: https://doi.org/10.1093/cdn/nzaa046_002.
5. Hasan M, Shamim AA, Hossain MM, Hanif AAM, Hossaine M, Ullah MA, Sarker SK, Rahman SMM, Mitra DK, Haque ME, **Mridha M**. Double Burden of Malnutrition Among Elderly People in Bangladesh: Evidence from the National Nutrition Surveillance Study. *Current Developments in Nutrition*. 2020 Jun; 4(S2):840. DOI: https://doi.org/10.1093/cdn/nzaa053_045.
6. Hanif AAM, Shamim AA, Hossain MM, Hasan M, Hossaine M, Ullah MA, Sarker SK, Rahman SMM, Mitra DK, Haque ME, **Mridha M**. Elderly Women Are Disproportionately Vulnerable to Hypertension in Bangladesh: Evidence from the National Nutrition Surveillance Study. *Current Developments in Nutrition*. 2020 Jun; 4(S2):30. DOI: https://doi.org/10.1093/cdn/nzaa040_030.
7. Urmy NJ, Shamim AA, Hossain MM, Hasan M, Hanif AAM, Hossaine M, Ullah MA, Sarker SK, Rahman SMM, Mitra DK, Haque ME, **Mridha M**. Prevalence of Non-Communicable

- Disease Risk Factors Among Adolescent Girls and Boys in Bangladesh: Evidence from the National Nutrition Surveillance Study. *Current Developments in Nutrition*. 2020 Jun; 4(S2):918. DOI: https://doi.org/10.1093/cdn/nzaa053_123.
8. **Mridha M**, Shamim AA, Hossain MM, Hasan M, Hanif AAM, Hossaine M, Ullah MA, Sarker SK, Rahman SMM, Mitra DK, Haque ME. Dietary Practices of Men in Bangladesh: Evidence from the National Nutrition Surveillance. *Current Developments in Nutrition*. 2020 Jun; 4(S2):549. DOI: https://doi.org/10.1093/cdn/nzaa046_049.
 9. Hossain MM, Shamim AA, Hasan M, Hanif AAM, Hossaine M, Ullah MA, Sarker SK, Rahman SMM, Mitra DK, Haque ME, **Mridha M**. Prevalence of and Factors Associated with Insufficient Physical Activity Among Adolescents: Evidence from the National Nutrition Surveillance Study. *Current Developments in Nutrition*. 2020 Jun; 4(S2):1755. DOI: https://doi.org/10.1093/cdn/nzaa066_010.
 10. Alam W, Nujhat S, Parajuli A, Baniyara L, Mohsen WAM, Sutradhar I, Gupta RD, Hasan M, **Mridha MK**. Readiness of primary health-care facilities for the management of non-communicable diseases in rural Bangladesh: a mixed method study. *Lancet Global Health*. 2020 Apr. 8(S17). DOI: [https://doi.org/10.1016/S2214-109X\(20\)30158-3](https://doi.org/10.1016/S2214-109X(20)30158-3).
 11. Nujhat S, Alam W, Parajuli A, Baniyara L, Mohsen WAM, Sutradhar I, Gupta RD, Hasan M, **Mridha MK**. Prevalence of risk factors for non-communicable diseases in a rural population of Bangladesh: a cross-sectional study. *Lancet Global Health*. 2020 Apr. 8(S17). DOI: [https://doi.org/10.1016/S2214-109X\(20\)30162-5](https://doi.org/10.1016/S2214-109X(20)30162-5).
 12. Ullah MB, **Mridha MK**, Arnold CD, Matias SL, Khan MSA, Siddiqui Z, Hossain M, Paul RR, Dewey KG. Factors associated with diarrhea and acute respiratory infection in children under two years of age in rural Bangladesh. *BMC Pediatr*. 2019 Oct 27;19(1):386. doi: 10.1186/s12887-019-1738-6.
 13. Dewey KG, Matias SL, **Mridha MK**, Arnold CD. Nutrient supplementation during the first 1000 days and growth of infants born to pregnant adolescents. *Ann N Y Acad Sci*. 2019 Aug 4. doi: 10.1111/nyas.14191. [Epub ahead of print].
 14. Nath P, Byrd K, Das J, Sharmin A, Amin R, Rahman M, **Mridha MK**. Beliefs, Practices, and Advice Received on Nutrition and Health During Pregnancy: Qualitative Reports from Pregnant Women in Rural Bangladesh. 2019. DOI: 10.1093/cdn/nzz034.P10-021-19. 2019. 10.1093/cdn/nzz048.
 15. **Mridha MK**, Hossain MM, Dewey KG. Processed Food Consumption Among 36 Mo-old Children in Rural Bangladesh. DOI: 10.1093/cdn/nzz048.
 16. **Mridha MK**, Hasan M, Khan S, Hossain MM, Sutradhar I. Women Are More Vulnerable to Non-communicable Diseases in Rural and Urban Bangladesh. 2019. DOI: 10.1093/cdn/nzz039.
 17. Kac G, Arnold CD, Matias SL, **Mridha MK**, Dewey KG. Gestational weight gain and newborn anthropometric outcomes in rural Bangladesh. *Matern Child Nutr*. 2019 Mar 23:e12816. doi: 10.1111/mcn.12816.
 18. Ullah MB, **Mridha MK**, Arnold CD, Matias SL, Khan MSA, Siddiqui Z, Hossain M, Paul RR, Dewey KG. Newborn physical condition and breastfeeding behaviors: secondary outcomes of a cluster-randomized trial of prenatal lipid-based nutrient supplements in Bangladesh. *Matern Child Nutr*. 2019 May 20:e12844. doi: 10.1111/mcn.12844.
 19. Ullah MB, **Mridha MK**, Arnold CD, Matias SL, Khan MSA, Siddiqui Z, Hossain M, Dewey KG. Provision of Pre- and Postnatal Nutritional Supplements Generally Did Not Increase or Decrease Common Childhood Illnesses in Bangladesh: A Cluster-Randomized Effectiveness

- Trial. *J Nutr*. 2019 Jul 1;149(7):1271-1281. doi: 10.1093/jn/nxz059.
20. Matias SL, **Mridha MK**, Young RT, Hussain S, Dewey KG. Daily Maternal Lipid-Based Nutrient Supplementation with 20 mg Iron, Compared with Iron and Folic Acid with 60 mg Iron, Resulted in Lower Iron Status in Late Pregnancy but Not at 6 Months Postpartum in Either the Mothers or Their Infants in Bangladesh. *J Nutr*:148(10):1615-1624. doi: 10.1093/jn/nxy161.
 21. Matias SL, **Mridha MK**, Young RR, Khan MSA, Siddiqui Z, Ullah MB, Vosti SA, Dewey KG. Prenatal and postnatal supplementation with lipid-based nutrient supplements reduces anemia and iron deficiency in 18-month-old Bangladeshi children: a cluster-randomized effectiveness trial. *J Nutr*. 148(7):1167-1176. doi: 10.1093/jn/nxy078.
 22. Rahman S, **Mridha MK**, Lee P, Ahmed F. Can taste rating of groundwater sample for presence of iron be a novel approach into groundwater iron assessment? *World Nutrition Journal*. In press.
 23. **Mridha MK**, Matias SL, Arnold CD, Dewey KG. Factors associated with nutritional status and dietary practices of Bangladeshi adolescents in early pregnancy. *Ann N Y Acad Sci*. 2018 Feb 18. doi: 10.1111/nyas.13568. [Epub ahead of print]
 24. Adams KP, Ayifah E, Phiri TE, **Mridha MK**, Adu-Afarwuah S, Arimond M, Arnold CD, Cummins J, Hussain S, Kumwenda C, Matias SL, Ashorn U, Lartey A, Maleta KM, Vosti SA, Dewey KG. Maternal and Child Supplementation with Lipid-Based Nutrient Supplements, but Not Child Supplementation Alone, Decreases Self-Reported Household Food Insecurity in Some Settings. *J Nutr* doi:https://doi.org/10.3945/jn.117.257386
 25. **Mridha MK**, Matias SL, Paul RR, Hussain S, Sarker M, Hossain M, Peerson JM, Vosti SA, Dewey KG. Prenatal Lipid-Based Nutrient Supplements Do Not Affect Pregnancy or Childbirth Complications or Cesarean Delivery in Bangladesh: A Cluster-Randomized Controlled Effectiveness Trial. *J Nutr*. 2017 Jul 19. pii: jn248880. doi: 10.3945/jn.117.248880.
 26. Harding KL, Matias SL, **Mridha MK**, Vosti SA, Hussain S, Dewey KG, Stewart CP. Eating down or simply eating less? The diet and health implications of these practices during pregnancy and postpartum in rural Bangladesh. *Public Health Nutr*. 2017 Jun 20:1-13. doi: 10.1017/S1368980017000672.
 27. **Mridha MK**, Matias SL, Paul RR, Hussain S, Khan MSA, Siddiqui Z, Ullah B, Sarker M, Hossain M, Young RT, Arnold CD, Dewey KG. Daily Consumption of Lipid-Based Nutrient Supplements Containing 250 µg Iodine Does Not Increase Urinary Iodine Concentrations in Pregnant and Postpartum Women in Bangladesh. *J Nutr*. 2017 Jun 14. pii: jn248963. doi: 10.3945/jn.117.248963.
 28. Matias SL, **Mridha MK**, Tofail F, Arnold CD, Khan MS, Siddiqui Z, Ullah MB, Dewey KG. Home fortification during the first 1000 d improves child development in Bangladesh: a cluster-randomized effectiveness trial. *Am J Clin Nutr*. 2017 Mar 8. pii: ajcn150318. doi: 10.3945/ajcn.116.150318.
 29. Dewey KG, **Mridha MK**, Matias SL, Arnold CD, Cummins JR, Khan MS, Maalouf-Manasseh Z, Siddiqui Z, Ullah MB, Vosti SA. Lipid-based nutrient supplementation in the first 1000 d improves child growth in Bangladesh: a cluster-randomized effectiveness trial. *Am J Clin Nutr*. 2017 Mar 8. pii: ajcn147942. doi: 10.3945/ajcn.116.147942.
 30. Matias SL, **Mridha MK**, Paul RR, Hussain S, Vosti SA, Arnold CD, Dewey KG. Prenatal Lipid-Based Nutrient Supplements Affect Maternal Anthropometric Indicators Only in Certain Subgroups of Rural Bangladeshi Women. *J Nutr*. 2016. 146(9):1775-82. doi: 10.3945/jn.116.232181.
 31. Harding KL, Matias SL, **Mridha MK**, Moniruzzaman M, Vosti SA, Hussain S, Dewey KG, Stewart KP. Adherence to recommendations on lipid-based nutrient supplement and iron and folic acid

- tablet consumption among pregnant and lactating women participating in a community health program in northwest Bangladesh. *Maternal & Child Nutrition*. 2016. DOI: 10.1111/mcn.12252.
32. **Mridha MK**, Matias SL, Chaparro CM, Paul RP, Hussain S, Vosti SA, Harding KL, Cummins JR, Day LT, Saha SL, Peerson JM, Dewey KG. Lipid-based nutrient supplements for pregnant women reduce newborn stunting in a cluster-randomized controlled effectiveness trial in Bangladesh. *Am J Clin Nutr*. 2015;103:1–14.
 33. Alam B, **Mridha MK**, Biswas TK, Roy L, Rahman M, Chowdhury ME. Coverage of emergency obstetric care and availability of services in public and private health facilities in Bangladesh. *Int J Gynecology and Obstetrics*. 2015. 131(1):63-9.
 34. Alam N, **Mridha MK**, Kristensen S, Vermund SH. Knowledge and skills for management of sexually transmitted infections among rural medical practitioners in Bangladesh. *Open J Prev Med*. 2015. 5(4):151-158
 35. Alam N, Chowdhury ME, **Mridha MK**, Ahmed A, Reichenbach LJ, Streatfield PK, Azim, T Factors associated with condom use negotiation by female sex workers in Bangladesh. *Int J STD AIDS*. 2013. 24(10): 813-21.
 36. Ahmed S.M., Hossain A, Khan MA, **Mridha MK**, Alam A, Choudhury N, Sharmin T, Afsana K, Bhuiya A. Using formative research to develop MNCH programme in urban slums in Bangladesh: experience from MANOSHI, BRAC. *BMC Public Health*. 2010.10:663.
 37. Streatfield PK, Koehlmoos TP, Alam N, **Mridha MK**. Mainstreaming nutrition in maternal, newborn and child health: barriers to seeking services from existing maternal, newborn and child health programme. *Maternal and Child Nutrition*. 2008. 4:237-255.
 38. Koblinsky M, Matthews Z, Hussein J, Mavalankar D, **Mridha MK**, Anwar I, Achadi E, Adjei S, Padmanabhan P, Lerberghe W. Going to scale with professional skilled care. *The Lancet*. 2006. DOI:10.1016/S0140-6736(06)69382-3.
 39. Nath P, Byrd K, Das J, Sharmin A, Amin R, Rahman M, **Mridha MK**. Beliefs, Practices, and Advice Received on Nutrition and Health During Pregnancy: Qualitative Reports from Pregnant Women in Rural Bangladesh. *Curr Dev Nutr*. 2019. DOI: 10.1093/cdn/nzz034.P10-021-19. 2019. 10.1093/cdn/nzz048.P11-088-19
 40. **Mridha MK**, Hossain MM, Dewey KG. Processed Food Consumption Among 36 Mo-old Children in Rural Bangladesh. *Curr Dev Nutr*. 2019. DOI: 10.1093/cdn/nzz048.P11-088-19
 41. **Mridha MK**, Hasan M, Khan S, Hossain MM, Sutradhar I. Women Are More Vulnerable to Non-communicable Diseases in Rural and Urban Bangladesh. *Curr Dev Nutr*. 2019. DOI: 10.1093/cdn/nzz039.P18-082-19
 42. **Mridha MK**, Anwar I, Koblinsky M. Public-sector maternal health programme and services in rural Bangladesh. *J Health Popul Nutr*. 2009. 27(2):124-138.
 43. Koblinsky M, Anwar I, **Mridha MK**, Chowdhury ME, Botlero R. Reducing maternal mortality and improving maternal health: Bangladesh and MDG 5. *J Health Popul Nutr*. 2008. 26(3):280-294.
 44. Barnett S, Azad K, Barua S, **Mridha M**, Abrar M, Rego A, Khan A, Flatmam D, Costello A. Maternal and newborn care practices during pregnancy, childbirth, and the postnatal period - a comparison in three rural districts in Bangladesh. *J Health Popul Nutr*. 2006;24(4):394-402.

B. Papers in international conferences

1. Sharma I, **Mridha MK**, Essink D, Bhattacharjee L, Broerse J. Integrated agriculture and health based interventions: Case study on pathways to improved nutrition. [Oral presentation at the

- Feed the Future Nutrition Innovation Lab, 2019]
2. Yoshimura Y, **Mridha MK**, Hasan M, Choudhury SR. Knowledge and prevalence of NCD risk factors among Rural and Urban population in Bangladesh: Baseline Survey Findings of SHASTO Project. [Oral presentation at the 2nd International Symposium on Community Health Workers in 2019]
 3. **Mridha MK**, Chambers JC, Kasturiratne A, Kooner JS, Khawaja KI, Jha S, Sarkar M, Ahmed S, Gupta A, Anjana RM, Silva N, Katulanda P. Strengthening diabetes and cardiovascular disease surveillance and their risk factors in South Asia. [Oral presentation in the South east Asia Regional Meeting of the International Epidemiological Association, 2019]
 4. Gupta A, Katulanda P, **Mridha MK**, Anjana RM, Khwaja KI, Ahmed S, Sarkar M, Kooner JS, Kasturiratne A, Jha S, Chmabers JC. Protocol design of the South Asia Biobank: A longitudinal study. [Oral presentation in the South east Asia Regional Meeting of the International Epidemiological Association, 2019]
 5. Sutradhar I, Hasan M, Sarker M, **Mridha MK**. Prevalence and political economy of overweight and obesity in Bangladesh. [Poster presentation at Prince Mahidol Conference in 2019]
 6. Nath P, Byrd K, Das J, Sharmin A, Amin R, Rahman M, **Mridha MK**. Beliefs, Practices, and Advice Received on Nutrition and Health During Pregnancy: Qualitative Reports from Pregnant Women in Rural Bangladesh. 2019. DOI: 10.1093/cdn/nzz034.P10-021-19. 2019. 10.1093/cdn/nzz048.P11-088-19 [Poster presentation in the American Society of Nutrition Conference, 2019]
 7. **Mridha MK**, Hossain MM, Dewey KG. Processed Food Consumption Among 36 Mo-old Children in Rural Bangladesh. DOI: 10.1093/cdn/nzz048.P11-088-19 [Poster presentation in the American Society of Nutrition Conference, 2019]
 8. **Mridha MK**, Hasan M, Khan S, Hossain MM, Sutradhar I. Women Are More Vulnerable to Non-communicable Diseases in Rural and Urban Bangladesh. 2019. DOI: 10.1093/cdn/nzz039.P18-082-19 [Poster presentation in the American Society of Nutrition Conference, 2019]
 9. **Mridha MK**, Matias SL, Khan SA, Paul RR, Siddiqui Z, Ullah B, Hussain S, Young RT, Arnold CD, Dewey KG. High prevalence of low urinary iodine among pregnant and lactating women of Bangladesh does not respond to daily lipid-based nutrient supplement containing 250 µg iodine. 2016. *The FASEB Journal* 30 (1 Supplement), 150.4-150.4. [Oral presentation in the American Society of Nutrition Conference]
 10. **Mridha MK**, Matias SL, Khan SA, Hussain S, Siddiqui Z, Vosti SA, Arnold CD, Dewey KG. Maternal lipid-based nutrient supplement (LNS) did not reduce depressive symptoms during pregnancy and lactation in rural Bangladesh. 2016. *The FASEB Journal* 30 (1 Supplement), 150.1-150.1. [Oral presentation in the American Society of Nutrition Conference]
 11. **Mridha MK**, Matias SL, Paul RR, Khan SA, Siddiqui Z, Ullah B, Young RT, Arnold CD. Daily lipid-based supplements containing 800 µg Vitamin A increased serum retinol binding protein in lactating but not in pregnant women in rural Bangladesh. [Poster presentation at Micronutrient Forum 2016]
 12. **Mridha MK**, Chaparro CM, Paul RR, Hussain S, Vosti SA, Matias SL, Harding KL, Cummins JR, Day LT, Saha SL, Reichenbach LJ, Maalouf-Manasse G, Dewey KG. Lipid-based nutrient supplements reduced newborn stunting in a cluster-randomized controlled effectiveness trial in Bangladesh. [Oral presentation at the Experimental Biology Conference 2014].
 13. **Mridha MK**, Chaparro CM, Ahmed T, Vosti SA, Matias SL, Harding KL, Cummins JR,

- Day LT, Saha SL, Reichenbach LJ, Maalouf-Manasse G, Dewey KG. Factors associated with early pregnancy anemia in north-west Bangladesh. Oral Presentation at the Nutritional Biology Conference 2014.
14. **Mridha MK**, Sarker B, Ferdous J, Reichenbach L. Availability of nutrition services in maternal, neonatal and child health (MNCH) facilities in Bangladesh. *Annals of Nutrition and Metabolism*. 2013. 63: 219-219. [Oral presentation at the International Congress on Nutrition in 2013]
 15. Harding KL, Stewart CP, Matias SL, Moniruzzaman M, **Mridha MK**, Vosti SA, Dewey KG. Adherence to lipid-based nutrient supplement (LNS) and iron and folic acid tablet (IFA) recommendations during pregnancy among rural Bangladeshi women. *Annals of nutrition and metabolism*. 2013. 63: 665-665. [E-poster presentation at the International Congress on Nutrition in 2013]
 16. **Mridha MK**. Home fortification approaches for the prevention of malnutrition in pregnant and lactating women and their children in Bangladesh: The Rang-Din Nutrition Study. [Oral presentation at the NIH conference for the Global Health Fellows 2013]
 17. **Mridha MK**, Chaparro CM, Matias SL, Hussain S, Munira S, Saha SL, Day LT, Dewey KG. Acceptability of lipid-based nutrient supplements and micronutrient powders among pregnant and lactating women and infants and young children in Bangladesh. [Poster presentation at the LNS Research Network Conference 2009]
 18. Alam N, **Mridha MK**, Chowdhury ME, Khan SI, Ahmed J, Streatfield PK. Negotiation for condom use among sex workers in Bangladesh: street sex workers are vulnerable. [Oral presentation at the 4th Asia Pacific Conference on Sexual and Reproductive Health in 2007]
 19. **Mridha MK**, Khan SI. Bangladesh National Policy on HIV/AIDS: the need for revision and implementation. [Poster presentation at the XVI International AIDS Conference, 2006]
 20. **Mridha MK**, Mohsin S. Advocacy on HIV/AIDS: Young people's perspectives in Bangladesh. [Poster presentation at the XVI International AIDS Conference, 2006]
 21. **Mridha MK**, Koblinsky M, Anwar ATMI, Botlero R. Catastrophic cost of cesarean section in rural Bangladesh. [Oral presentation at the Women Deliver Conference in 2006]
 22. **Mridha MK**, Botlero R. Community-based early post-partum care for mother and newborn: a crucial link in the continuum of maternal and child health care. [Oral presentation at the 3rd Asia Pacific Conference on Sexual and Reproductive Health 2005]
 23. Chowdhury ME, Anwar ATMI, **Mridha MK**, Bashir I, Streatfield PK. Use of modified ballot-box method to assess high-risk sex behavior in community-based surveys. [Oral presentation at the 3rd Asia Pacific Conference on Sexual and Reproductive Health 2005]
 24. **Mridha MK**, Mohsin S, Faruq ATM. Potential themes for advocacy on HIV/AIDS among adolescents and youth in Bangladesh: a rapid situation analysis. [Oral presentation at the 3rd Asia Pacific Conference on Sexual and Reproductive Health 2005]
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 27. Mahmud A, **Mridha MK**. Need assessment of scaling-up STI/HIV/AIDS interventions in slums of Bangladesh. [Poster presentation at the USA National HIV/AIDS prevention conference, 2003]
 28. **Mridha MK**, Nandy B. Study on willingness of street-based sex workers to pay for reproductive health services. [Poster presentation at the XIV International AIDS Conference 2002]

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30. **Mridha MK**, Ahmed J, Islam S. Study on hotel-based STD/AIDS interventions of Bangladesh Women's Health Coalition. [Poster presentation at the 6th International Congress on AIDS in Asia and the Pacific 2001]

C. Papers in National conferences

1. **Mridha MK**. Challenges to address maternal and child nutrition in Bangladesh. [Oral presentation at ICDDR,B-LAMB Scientific Conference, 2014]
2. Moniruzzaman M, **Mridha MK**, Alom M, Huda S, Harding K, Matias SL, Dewey KG. Rang-Din Nutrition Study: Activities and outputs of the Process Evaluation Team. [Poster presentation at ICDDR,B-LAMB Scientific Conference, 2014]
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9. Ullah B, **Mridha MK**, Vosti SA, Matias SL, Maalouf-Manasseh Z, Harding KL, Cummins JR, Saha SL, Ahmed T, Tofail F, Reichenbach LJ, Dewey KG. Home-fortification approaches for the prevention of malnutrition in pregnant and lactating women and their children in Bangladesh: The Rang-Din Nutrition Study (RDNS). [Poster presentation at ICDDR,B-LAMB Scientific Conference, 2013]
10. Sarker BK, **Mridha MK**. Inequity in the use of maternal health services in Bangladesh: a barrier to achieving millennium development goal 5. [Oral presentation at the 13th Annual Scientific Conference of ICDDR,B 2011]
11. **Mridha MK**, Dutt D, Koblinsky M. Modified Roemer model of health system: A guiding framework to better understand and compare health system. [Oral presentation at the 13th Annual Scientific Conference of ICDDR,B 2011]
12. Sarker BK, **Mridha MK**. Effect of cyclone on maternal health care in Bangladesh: a rapid assessment. [Poster presentation at the 13th Annual Scientific Conference of ICDDR,B 2011]

13. Sarker BK, Islam N, **Mridha MK**. Barriers to translation of MNCH knowledge into practice among slum community in Bangladesh. [Poster presentation at the 13th Annual Scientific Conference of ICDDR,B 2011]
14. Sarker BK, Dasgupta SK, Reichenback L, **Mridha MK**. Influence of BCC materials in changing MNCH knowledge and practices among urban slum women in Bangladesh. [Poster presentation at the 13th Annual Scientific Conference of ICDDR,B 2011]
15. Sarker BK, **Mridha MK**, Chowdhury ME, Quaiyum A, Kalim N, Roy S, Alam B. Factors facilitating and hindering maternal health care services in Bangladesh. [Oral presentation at the Annual Scientific Conference of ICDDR,B 2009]
16. Alam N, **Mridha MK**, Chowdhury ME, Khan SI, Ahmed J, Streatfield PK. Identifying barriers to condom use among commercial sex workers in Bangladesh. [Oral presentation at the Annual Scientific Conference of ICDDR,B 2007]
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D. Book Chapter

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2. **Mridha MK**, Khan SA, Hossain M, Shamim AA, Abdullah AHM, Hossain M, Hasan M, Ullah MA, Mitra DK, Rahman SMM, Sarkar SK. State of food security and nutrition in Bangladesh 2018-2019. 2019. Dhaka. BRAC James P Grant School of Public Health.
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36. **Mridha MK**, Koblinsky M. Policy perspective on integrated community-based postpartum care. Policy brief. 2005.

VI. TEACHING AND TRAINING ACTIVITIES

Type of works	Descriptions
Faculty positions	<ul style="list-style-type: none"> • Fulltime Faculty of BRAC University: 2017-2019 • Fulltime Faculty of University of California, Davis: 2014-2016 • Adjunct Faculty of BRAC University (2006-2016), North South University (2014-2016), Independent University (2015-2016), Bangladesh and State University Bangladesh (2013-2014)
Courses taught	<ul style="list-style-type: none"> • Sexual and reproductive health, health system, epidemiology, biostatistics, and aging and health courses at BRAC James P Grant School of Public Health, BRAC University, Bangladesh. • Health economics, and biostatistics courses at the Department of Public Health, State University, Bangladesh. • Epidemiology course at the Department of Public Health, North South University, Bangladesh. • Public health nutrition, and measurements in health courses at the Department of Public Health, Independent University, Bangladesh.
Supervision of students	<ul style="list-style-type: none"> • Currently co-supervising 2 PhD students (1 from ETH Zurich and the other from Vrije University) • Supervised 33 MPH students of the BRAC JPGSPH, BRAC University <ul style="list-style-type: none"> ○ In 2019: Co-supervised 5 students

	<ul style="list-style-type: none"> ○ In 2018: Supervised 5 MPH students of BRAC JPGSPH ○ In 2017: Co-supervised 5 MPH students of BRAC JPGSPH ○ In 2016: Co-supervised 6 MPH students of BRAC JPGSPH ○ In 2015: Co-supervised 7 MPH students of BRAC JPGSPH ○ In 2014: Co-supervised 5 MPH students of BRAC JPGSPH ● Mentored students from the University of California, Berkeley, Yale University, George Washington University, Sydney University, Wageningen University etc.
Training courses directed	<p>On research methodologies, ethics, NCD surveillance for data collection teams of BRAC James P Grant School of Public Health.</p> <p>On research methodologies for data collection teams of the projects of icddr,b.</p> <p>On syndromic management of sexually transmitted infections (STI) for the staff members including doctors, nurses and paramedics of Bangladesh Women's Health Coalition.</p> <p>On HIV/AIDS skill-building for NGO staff in Uganda and Spain.</p> <p>On maternal and child nutrition for NGO workers in Bangladesh.</p>
Course material development/ revision	Developed course materials/training manuals on research methods, quality control of research, scientific writing, proposal development, monitoring and evaluation, peer education, HIV/AIDS counseling, evidence-based interventions for maternal, neonatal and child health (MNCH), adolescent reproductive health etc.

VII. CREATIVE WORKS

- Videos
 - Awareness raising on HIV/AIDS through cultural activities
 - Kangaroo Mother Care in Bangladesh
- Website development
 - Contributed to the development of webpages of Manoshi and MotherNewborNet hosted by icddr,b
- Flipchart development
 - Led the development of a flipchart on NCD to be used by the community health workers working in the Rohingya camps

VIII. Services to BRAC University and Community

A. After my fulltime appointment as an Associate Professor, I am/was involved with the followings:

- Contributed to the development of course outline and course materials for Epidemiology, Biostatistics, Sexual and Reproductive Health, Aging and Health, and Quantitative Research Methodology courses
- Serving as the Chair of the Institutional Review Board (IRB) of the BRAC James P Grant School of Public Health
- Serving as a member of Senior Management Committee (SMC) of BRAC James P Grant School of Public Health
- Serving as a member of Academic Council of BRAC James P Grant School of Public Health

- Led the development of data repository policy of the BRAC James P Grant School of Public Health
- Contributed to the development of the New Organogram of the BRAC James P Grant School of Public Health

B. Services to BRAC University before becoming a full-time faculty

Before becoming a fulltime faculty, I was involved with the following activities of BRAC University

- Supervision of the students of the MPH program for their theses (5 students in 2014, 7 students in 2015 and 6 students in 2016)
- Contributed to the development of Sexual and Reproductive Health Course in 2014
- Worked as an adjunct faculty from 2006 to 2016.

C. Membership of professional committee

I am currently serving as a member of the following committees:

1. Member of the Non-communicable Disease Technical Advisory Group (NCD-RTAG) of the WHO South East Asia Regional Office (WHO SEARO)
2. Steering committee of 'South-Asia Biobank'
3. Member of the Global Health Research Unit, Imperial College London
4. Executive Committee Member of the White Ribbon Alliance (WRA, Bangladesh)
5. Steering committee of the Rang-Din Nutrition Study (RDNS)

I served as a member of the following committees:

1. Scientific Committee of the 'Feed the Future Nutrition Innovation Lab' in 2019
2. 'Scientific Committee' of the Second International Symposium on Community Health Workers in 2019
3. Committee for the Development of 'Life Care Modules for Hypertensive Patients' led by the NCD Control program of the Government of Bangladesh in 2018
4. Committee for the Development of 'Life Care Modules for Hypertensive Patients' led by the NCD Control program of the Government of Bangladesh in 2018
5. Global health information share initiative from 2010-2014
6. Graduate Students Advisory Committee (GradSAC), University of California, Davis
7. Steering committee of 'MotherNewborNet' from 2005-2008
8. Birth-asphyxia sub-committee for the development of Bangladesh neonatal health strategy in 2006
9. Committee for the revision of Bangladesh maternal health strategy in 2006

D. Membership of professional bodies

I am involved/was involved with the following professional bodies:

1. Bangladesh Medical Association (Member, 1998-Ongoing)
2. Bangladesh Health Economics Alumni Association (Member, 2002-Ongoing)
3. Partnership for Maternal, Neonatal and Child Health (Member, 2006-Ongoing)
4. Child Health and Nutrition Research Initiative (Member, 2006-Ongoing)
5. World Bank Institute Alumni (2007-Ongoing)
6. International AIDS Society (Member, 2001-2003)
7. Canadian Coalition for Global Health Research (Member, 2006-Ongoing)
8. Global Health Information Share Initiative, Center for Nutritional Genomics, University of California Davis (Member, 2010-Ongoing)
9. White Ribbon Alliance for Safe Motherhood (Executive Committee Member 2005-2008, Core committee member 2008-2012, Executive Committee Member 2013- till date)
10. Birth Asphyxia sub-committee for the development of National Neonatal Health Strategy, Bangladesh (Member, 2007-2009)
11. American Society for Nutrition (Member, 2012-Ongoing)
12. American Physiological Society (Member 2012-Ongoing)
13. Public Health Foundation, Bangladesh (Life member, since 2018)
14. Public Health Association, Bangladesh (Member, 2019-Ongoing)

E. Reviewer of journals and organizations

- I served as a reviewer of a number of Peer Reviewed Journals including Pediatrics, Journal on Human Resources for Health, Journal on Public Health Nutrition, Journal on Urban Health, British Journal on Nutrition, Journal on Food Security and Energy etc.
- I also served a reviewer of research proposals submitted to NIHR, UK

F. Other community service

- I initiated a community service for helping parents to take adequate care of their children. The initiative is known as ‘Responsive Parenting’. On weekends, I run free workshops for parents with kids.

IX. LEADERSHIP

- Serving as the founding Director of the Center of Excellence for non-communicable diseases and nutrition in BRAC James P Grant School of Public Health.
- Contributed to the development of the ‘Center for Prevention and Control of Chronic Diseases’ in icddr,b. The center was regarded as one of the 10 centers of excellence for combating non- communicable diseases around the world.
- Developed and led projects in the area of maternal and child health, nutrition, HIV/AIDS for

BRAC James P Grant School of Public Health, UC, Davis, ICDDR,B, HIV/AIDS and STD Alliance, Bangladesh, Bangladesh Women's Health Coalition, and Diabetic Association of Bangladesh

- Led implementation of a cluster randomized trial that aimed to evaluate the effect of lipid-based nutrient supplements in Bangladesh. The project had ~500 staff members for delivery of intervention, and ~85 staff members for evaluation.
- Contributed to the development of National Neonatal Health Strategy, HIV/AIDS strategy, and revision of Maternal Health Strategy of Bangladesh.
- Presented BRAC James P Grant School of Public Health, UC,Davis, icddr,b and Bangladesh Women's Health Coalition in different forums to secure networking and funding commitments.
- Contributed to the White Ribbon Alliance for Safe Motherhood as an executive member.
- Serving as a member of the Academic Council, and the Chair of the Institutional Review Board of the James P Grant School of Public Health of BRAC University.

X. REFERENCES

1. Kathryn G Dewey, Distinguished Professor, Department of Nutrition, University of California, Davis, 1 Shields Avenue, Davis, CA 95616, USA. Tel: +1 530 752 0851; E-mail: kgdewey@ucdavis.edu
2. Dr. Laura Reichenbach, Senior Associate and Deputy Director for Research. Population Council. 4301 Connecticut Avenue NW, Suite 280. Washington DC 20008. USA. Tel: +1-202-237-9400. E-mail: lreichenbach@popcouncil.org
3. Dr. Marge Koblinsky, Senior Maternal Health Advisor (Retired), Maternal and Child Health Division, HIDN, USAID, Washington DC, USA. Tel: +1-202-230-1639; E-mail: mkoblinsky@gmail.com



(Malay Kanti Mridha)

17/11/2020