

**MALABIKA SARKER, MBBS, MPH, PhD**

Professor & Associate Dean

Director CoE on the Science of Implementation & Scale-Up (SISU)

BRAC James P. Grant SPH, BRAC University, Bangladesh

**Mixed Method Researcher specialized in Implementation Research and Evaluation  
Trained in Teaching & Curriculum Development**

Awarded “Heroine of Health 2018”: Women in Global Health, Geneva, Switzerland

**Current International Engagement:**

- Chair (2021-23): HRP, Alliance Board, WHO, Geneva, Switzerland
- Member (2022-23): Evaluation Advisory Committee, GAVI, Geneva, Switzerland
- Committee Member (2020-23): NIHR Global Health Research Professorship
- Board Member (2020-22): Applied Global Health Research Board, MRC, UKRI, UK
- Committee Member (2021-23): NIHR Global Health Research Units and Groups Funding Committees
- International Advisory Board Member (2019-23): The Lancet Global Health
- Editorial Board Member (2022-23): Implementation Science Communication Journal
- Member: Harvard Global WE (Women Empowerment):
- Class Secretary (1996): Harvard T Chen School of Public Health

**Past Affiliation:**

- International Advisory Board Member (2019-21): HRP, World Health Organization
- International Advisory Board Member (2015-2020): Metrics For Measurement (M4M), A Non profit NGO, USA
- Lancet Commissioner (2019-21):
  - Addressing the fragmentation of global health: the Lancet Commission on synergies between universal health coverage, health security, & health promotion

**Contact Detail:**

BRAC, James P Grant School of Public Health

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Bir Uttom A K Khandakar Road, Dhaka-1213, Bangladesh

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**Education**

**9/2001-4/2005: PhD**

Degree awarded with Magna cum Laude

Institute of Public Health, University of Heidelberg, Germany

Dissertation: HIV related knowledge, Risk perception & demand forecasting for

VCT/PMTCT in women living in Rural Burkina Faso

**9/1995-6/1996: Master of Public Health (MPH)**

Harvard School of Public Health, Harvard University, USA

**1994:**

**Gender and International Health-Certificate**

Karolinska Institute, Stockholm, Sweden

**4/1982-5/1989: Bachelor of Medicine, Bachelor of Surgery (MBBS)**

Chittagong Medical College, Chittagong University, Bangladesh

### Special Education

**2007- 2010**     **Diploma in Teaching**  
HDZ Arbeitsstelle, University of Heidelberg, Germany

### Academic Positions Held

**Jun 2018-till**   **Associate Dean**  
**Professor & Director Research &**  
**Director Center for Implementation Science and Scale-Up**  
**Advisor, Ex-Founding Chair, Ethical Review Committee**  
James P. Grant SPH, BRAC University, Bangladesh

**Dec 2016-till**   **Professor**  
**Director Center for Implementation Science and Scale-Up**  
James P. Grant SPH, BRAC University, Bangladesh

**Oct 2020- 21**   **Research Adviser**  
BRAC University, Bangladesh

**July 2017-20**   **Chair, Ethical Review Committee**  
BRAC University, Bangladesh

**Oct 2012-2020**   **Professor & Director Research**  
Chair, Institutional Review Board  
James P. Grant SPH, BRAC University, Bangladesh

**Jan-Dec 2015**   **Professor, Acting Dean & Director Research**  
James P. Grant SPH, BRAC University, Bangladesh

**2011-Sept 2012**   **Professor**  
James P. Grant SPH, BRAC University, Bangladesh

**2011-till**     **Adjunct Research Faculty**  
Institute of Public Health, University of Heidelberg, Germany

**2005-2011**     **Senior Research Faculty**  
Institute of Public Health, University of Heidelberg, Germany

**2001-2005**     **Senior Research Associate**  
Institute of Public Health, University of Heidelberg, Germany

### Participation in Capacity Building Projects

**2015-2026**     **Principal Investigator**  
*TDR International Post Graduate Training Scheme on Implementation Research (WHO Funded) USD 3 Million*

**2016-2019**     **Principal Investigator**  
*Capacity Building on Implementation Research (UNICEF Funded) USD 100,000*

**2017-2020**     **Principal Investigator**  
*Capacity building of officials in Implementation Monitoring and Evaluation Division (IMED, Ministry of Planning, Government of Bangladesh (UNICEF Funded) USD 60,000*

**2013-2014**     **Principal Investigator**  
*Capacity building of health managers in Health Management Information System (GIZ Funded) USD 30,000*

**Participation in Implementation/ Evaluation/Intervention/Epidemiology Research Projects**  
**Current Research Project**

- 2021-23**      **Principal Investigator (Implementation Research, Bangladesh)**  
*A Suite of Studies Exploring the Impact of Vision Care on elderly men and women Achieving the Sustainable Development Goals in LMICs (Welcome Trust UK) GBP 108,000*
- 2020-23**      **Principal Investigator - Bangladesh**  
*Age at Marriage, Women & Human Capital, and Maternal Health; Child health in Bangladesh (NIH USA Funded) USD 666,884*
- 2020-23**      **Principal Investigator**  
*Climate Change, Migrations and Health Systems Resilience in Haiti and Bangladesh (ClimHB) (Agence Nationale de Recherche- France) EUR 173,000*
- 2021-22**      **Principal Investigator**  
*Clinical Impact of a Community based Low-Sodium Salt Intervention to Reduce Blood Pressure at the Population Level in Rural Bangladesh: A Randomized Control Trial (Stanford University) USD 50,000*
- 2018-22**      **Principal Investigator**  
*Implementation Science for Global Health: Lessons Learned from the Global Polio Eradication Initiative (Gates Foundation-Funded) USD 200,000*
- 2021-22**      **Principal Investigator**  
*Bangladesh Case Study on IPOG Factors in Government Response to Covid-19 (World Bank) USD 18,000*
- 2021-22**      **Principal Investigator**  
*Youth with disabilities' lived experiences, aspirations and current engagements in livelihoods in Bangladesh and Kenya, and their influence on policy makers (British Academy) GBP 60,000*
- Completed Research Project**
- 2018-21**      **Principal Investigator**  
*A multi-country study on NCDs: a global NIHR Global Health Research Unit in Cardiovascular disease and Diabetes. GBP 1.0 million*
- 2019-21**      **Principal Investigator**  
*Cool roof or wall too? Experimental evaluation of a low-cost multi prong approach for reduction of indoor temperature in low economic house hold in Dhaka, Bangladesh. Use of Innovative Indigenous Materials for Thermal Comfort (Million Cool Roof, NY, USA), USD 100,00*
- 2018-21**      **Principal Investigator**  
*The ethics of health policy experiments: a global framework for design and oversight. EUR 210,000*
- 2020-21**      **Principal Investigator**  
*Developing and testing a risk stratification approach screening using Artificial Intelligence for diabetic retinopathy in people with diabetes in Bangladesh (Fred Hollow Foundation) AUD 65,000*
- 2021**          **Principal Investigator**  
*Evaluation and Implementation research on Community based Comprehensive preventive, promotive intervention against COVID 19 in peri urban subdistricts in Bangladesh (BRAC) USD 320,000*

- 2021** **Principal Investigator**  
*Evaluation and Implementation research on Community based Comprehensive preventive, promotive intervention against COVID 19 and effect on MCH services in six rural subdistricts in Bangladesh (BRAC) GBP 190,000*
- 2021** **Principal Investigator**  
*Assessment & Implementation Research of e-tracker Pilot Project in Moulvibazar District and one-5 of Dhaka South City Corporation (UNICEF) USD 50,000*
- 2020** **Principal Investigator**  
*Validation of Finger Image and Facial Recognition of under 5 children and implementation experience: A Mixed-Method Study (SIMPRINT) USD 70,000*
- 2020** **Principal Investigator**  
*Implementation Research on Child Tuberculosis detection coverage (GFATM) USD 150,000*
- 2020** **Principal Investigator**  
*Challenges & opportunities of introducing referral transportation system project and its effect on utilization of comprehensive SRHR health services during Covid-19 pandemic in Rohingya Refugee Response: An Implementation Research on Fidelity and Coverage (UNFPA) USD 18,000*
- 2020** **Co-Principal Investigator**  
*A nationwide telephone survey on CONVID 19 in Bangladesh (BRAC JPGSPH Funded) USD 15,000*
- 2018-19** **Principal Investigator**  
*Implementation research on the sustainability of a public health palliative care project in Bangladesh through community theatre. MRC GBP 40,000*
- 2019-20** **Advisor**  
*How to scale up: Identifying implementation bottlenecks and solution for scaling up of verbal autopsy in Pilot Project (Bloomberg Foundation Bangladesh, GoB) USD 15,000*
- 2019-20** **Principal Investigator**  
*How to scale up: Identifying bottlenecks and solution for scaling up of Birth and Death registration in Pilot Project (UNICEF Bangladesh, GoB) USD 50,000*
- 2019** **Principal Investigator**  
*Implementation Research Focusing on Health System Strengthening in UNICEF supporting intervention for Rohingya Refugee in Cox Bazar, Bangladesh (UNICEF HQ-NY-Funded) USD 50,000*
- 2019** **Principal Investigator**  
*Implementation Research identifying the challenges and facilitators of Kangaroo Mother Care (KMC) services in Government Health facilities, Bangladesh (UNICEF-Funded) USD 50,000*
- 2013-7** **Co-Principal Investigator**  
*Implementation Research on Reaching out and linking in women health: health systems and close-to-community services (CTC): A multi-country study (EU Funded) EUR 858,923*
- 2016-9** **Principal Investigator**  
*Evidence generation on Implementation Science for Policy Makers, Researchers and Managers (UNICEF Funded) USD 161,000*
- 2016- 19** **Principal Investigator**  
*Impact evaluation of Maternal Nutrition Project in Northern Bangladesh (World Vision) CAD 180,000*
- 2017-20** **Principal Investigator**

*Evaluation of an Entertainment and Education campaign (E&E) using transmedia for adolescent development (UNICEF) USD 166,000*

- 2019**      **Advisor**  
*Impact of BRAC activities on Coverage of deworming among school children in a northern district Bangladesh (BRAC Funded) USD 45,000*
- 2016-18**      **Principal Investigator**  
*Proof of a noble concept: Sexual behavior change of young men living in urban slum, Dhaka, Bangladesh: An Intervention using Psycho Drama (WOTRO, Netherland Funded) US\$ 365,000*
- 2017-18**      **Co-Principal Investigator**  
*Outcome Evaluation of a reduction of diarrheal episode among under 5 children after cementing the floor in rural Bangladesh- Explanatory mixed method approach. Archive Global, NY, USA US \$ 40,000*
- 2017**      **Advisor**  
*Outcome Evaluation of “mCare” project focusing digitalization of FWA registrar in rural Bangladesh. A Mixed Method Approach. Spider Center, Sweden, USD 20,000*
- 2017**      **Advisor**  
*Testing of Usefulness of MNCH quality criteria developed by the World Health Organization. M4M, USA USD 10,000*
- 2015-16**      **Principal Investigator**  
*Assessment of Water, sanitation, and hygiene practice improvement program, Bangladesh (UNICEF Funded) USD 75,000*
- 2015-16**      **Principal Investigator**  
*Understanding the Effect of a Health Security Program in Advocating Universal Health Coverage and Improving Productivity of Semi-formal Female Workers in Bangladesh (Rockefeller Funded & International Growth Center) USD 70,000*
- 2014 -16**      **Principal Investigator**  
*Monitoring and Evaluation of UNICEF Communication for Development program for MCH (UNICEF Funded) USD 150,000*
- 2015-16**      **Principal Investigator**  
*Assessing long-term health effects of working conditions on female Ready-Made Garment (RMG) workers in Dhaka, Bangladesh (ILO Funded) USD 14,000*
- 2015-16**      **Principal Investigator**  
*Measuring TB mortality trend and factors associated with TB mortality (GFATM Funded) USD 201,946*
- 2014-15**      **Advisor**  
*Implementing WHO Safe Childbirth Checklist in selected district hospitals in Bangladesh to improve the quality of intrapartum care (WHO & Harvard School of Public Health Funded) USD 40,000*
- 2013-15**      **Principal Investigator**  
*Implementation Research on BRAC implemented Tuberculosis prevention & Treatment program (GFATM Funded) USD 100,000*
- 2014-15**      **Principal Investigator (Bangladesh)**  
*International Research Consortium on Dengue Risk Assessment, Management, and Surveillance (IDAMS), a multi-country study (EC Funded) EUR 50,000*
- 2012-14**      **Team Member**  
*An Impact and Process evaluation of using Performance Based Financing to Improve the Quality of Essential Obstetric and Newborn Care in Malawi (Funded by URC/TRAction by USAID) USD 1 million.*

- 2012-13** **Project Leader**  
*BRAC Health Innovation Program (BHIP), designing & testing a health insurance scheme that offers an equitable, accessible, and quality comprehensive health services (Funded by The Rockefellers Foundation) USD 1.5 million*
- 2011-13** **Co-Investigator**  
*Monitoring of vital events through information technology (MOVE- IT), a feasibility study on registering pregnant mothers and their children in Bangladesh in a unified electronic information system that tracks vital events (births, deaths, cause of death), non-fatal health events, and coverage of priority services (Funded by the Health Matrix Network, WHO). USD 230,000*
- 2011-12** **Principal Investigator**  
*Review of MCH program in Bangladesh to recommend a single optimum MNCH model using realist evaluation (Funded by the UNICEF). USD 222,000*
- 2011** **Lead Researcher**  
*Evaluation of Health program implemented by BRAC Health International and Government of Afghanistan (Funded by Novib-Oxfam). US \$ 15,000*
- 2015** **Principal Investigator**  
*Health care seeking behavior of MDR TB patients (GFATM) USD 10,000*
- 2015** **Principal Investigator**  
*Developing health communication commodities for improving neonatal health in Bangladesh (WHO Funded) USD 20,000*
- 2014** **Principal Investigator**  
*Health care seeking behavior and willingness to pay for eye care in Urban Slum, Dhaka (Sight Saver Funded). USD 55,000*
- 2014** **Principal Investigator**  
*Community-based Eye illness Prevalence Survey in Urban Slum Dhaka (BRAC Funded). USD 15,000*
- 2012** **Co-Investigator**  
*Exploring roles of informal private provider (IPP) in the treatment of TB in an urban slum area in Dhaka, Bangladesh (Funded by the GFTAM). USD 20,000*
- 2011** **Program Manager**  
*National Food Security and Nutritional Surveillance in Bangladesh (FSNSP) (Funded by European Union). EUR 5.2 million*
- 2005-11** **Lead Researcher**  
*Barriers to implementation for Voluntary Counseling and Testing of HIV (VCT) and Mother-to-Child Transmission Prevention (PMTCT) intervention in Nouna, Burkina Faso (Funded by DFG- German Research Society).*
- 2006-10** **Principal Investigator**  
*Quality of ART, PMTCT, &MCH care (Work Package on 'Effects of antiretroviral for HIV on African health systems, maternal and child health in Uganda, Tanzania and Burkina Faso'). (Funded by European Union) EUR 260,000*
- 2001-04** **Senior Research Associate**  
*Knowledge, perception, and willingness of women, men, and health providers to participate in Prevention of Mother to Child Transmission of HIV in rural Burkina Faso (Funded by DFG- German Research Society) EUR 200,000*
- 1998-99** **Field Researcher**  
*Prevalence and determinants of STI/HIV among Truck drivers and slum women, Dhaka, Bangladesh (Funded by World AIDS Foundation). USD 50,000*

### **Fellowship/Award**

- 2012** Ten years contribution to the Institute  
Institute of Public Health, University of Heidelberg, Germany
- 2011** Five years contribution to the Institute  
James P Grant SPH, BRAC University, Dhaka, Bangladesh
- 1999-2000** Population Council Fellow  
University of Alabama at Birmingham, USA and CV
- 1996- 1998** Fogarty Fellow  
University of Alabama at Birmingham, USA

### **Teaching Experience at BRAC JPG SPH, BRAC University**

- 2016-till** **Coordinator & Lecturer** ‘Implementation Research’ (MPH curriculum)
- 2016-till** **Coordinator & Lecturer** ‘Quantitative Research Method’ (MPH curriculum)
- 2015-till** **Coordinator & Lecturer** ‘Monitoring and Evaluation’ (MPH curriculum)
- 2012-till** **Lecturer** ‘Mixed Method’ (MPH curriculum)
- 2015-till** **Co-convenor & Lecturer** ‘Manuscript Writing’ (Independent Course)
- 2012-15** **Co-convenor & Lecturer** ‘Quantitative Research Method’ (MPH curriculum)
- 2012-15** **Co-convenor & Lecturer** ‘Quantitative Research Method’ (MPH curriculum)
- 2006- till** **Lecturer** ‘Reproductive Health’ (MPH curriculum)
- 2016-till** **Coordinator & Lecturer** - Flagship Course: World Bank & WHO funded

### **Teaching Government Officials in Bangladesh**

- 2016- till Monitoring & Evaluation*
- 2016-2018 Universal Health Coverage*

### **International Teaching and Teaching Experience**

- 2010-till** **Co-convenor and Lecturer**  
Trop Ed accredited: Mixed Method research in International Health. Heidelberg Institute of Global health, University of Heidelberg
- 2012-till** **Co-convenor and Lecturer**  
Trop Ed accredited: Reproductive Health & HIV/AIDS: New Evidence and Strategy. Heidelberg Institute of Global Health, University of Heidelberg
- 2012** **Co-convenor and Lecturer**  
Mixed Method research in International Health. Center of Global Health, University of Montreal
- 2011-2013:** **Lecturer**  
Public-Private Partnership for Primary Health Care, a short course offered by the Asian network of Health System Strengthening (ANHSS) (A WB Initiative Capacity Building project, Thailand, Honking, Philippine)
- 2008-2011** **Awarded EU Grant (EDU Link- Africa)** to Coordinate Reproductive Health Course
- Muhimbili University, Dares Salam, Tanzania
  - Makerere University, Kampala, Uganda
  - MOI University, Nairobi, Kenya
- 2004-2011** **Convenor and Lecturer Course Coordinator**  
Trop Ed accredited: Reproductive Health & HIV/AIDS: New Evidence and Strategy. IPH, University of Heidelberg
- 2002-2011** **Lecturer MSc Course at IPH, University of Heidelberg, Germany**

Social determinants of health, Gender , PMTCT (prevention of mother to child transmission), Sexually transmitted infections, Survey design. IPH, University of Heidelberg

**2003-2011      Lecturer in EHCourse**

(Gesundheitsversorgung in Entwicklungsländern): Family planning, HIV & poverty, HIV & Gender, High Risk & Vulnerable Group, PMTCT. IPH, University of Heidelberg

**2004- 2012      Guest Lecturer**

- Charite, Institute of Tropical Medicine and International Health, Berlin, Germany
- Institute of Tropical medicine (ITM), Antwerp, Belgium
- School of Public Health, University of Ann Arbor, Michigan, USA
- South Asian Institute, University of Heidelberg, Germany
- University Montreal, Canada

**Thesis Supervision**

James P Grant School of Public Health, Bangladesh

Institute of Public Health, University of Heidelberg, Germany

Charite, Institute of Tropical Medicine and International Health, Berlin, Germany

Swiss Tropical Institute, Switzerland

University of Ottawa, Canada

George Washington University, USA

Master's Thesis: (Reproductive Health, HIV, PMTCT, Malaria, Health System)

2001-2010: 21 Thesis

(University of Heidelberg Germany, Swiss Tropical Institute, Switzerland, Charite, Institute of Tropical Medicine and International Health, Berlin, Germany)

BRAC JPGSPH, BRAC University: (MPH Thesis)

2011-13: 12 Thesis

2014: 7 Summative Learning Projects

2015: 5 Summative Learning Projects

2016: 6 Summative Learning Projects (Co-Supervisor)

2017-19: 17 Summative Learning Projects (SLP Master's Thesis)

2020: 6 Summative Learning Projects (SLP Master's Thesis)

2021: 9 Summative Learning Projects (SLP Master's Thesis)

Doctoral Thesis: 9 (completed)

**Analytical Skill**

Quantitative and Qualitative Research Design and Data Analysis using software

**SAS, Stata and N Vivo**

**Programmatic Experience**

**2000- 2001      Zonal Health Manager (32 Districts)**

Health Program, BRAC (Bangladesh Rural Development). Responsible for implementation of

- Reproductive and MCH care
- STI/HIV prevention
- Nutrition intervention
- Tuberculosis control
- Surveillance, Monitoring and Evaluation

- 2000**                    **Sector Specialist in Reproductive Health**  
Provides technical support to
- Reproductive and MCH services
  - Syndromic diagnosis of sexually transmitted diseases.
  - Community based nutrition program
  - Adolescent Reproductive Health Education program
  - Monitoring, Evaluation and Quality Assurance
  - Women's & Children's Death Audits
- 1994-95**                    **Sub-district in charge**  
Women's Health and Development program (WHDP), BRAC, Bangladesh.
- Reproductive and MCH services
  - Community-based TB control (DOT) program
  - Adolescent Reproductive Health Education Program
  - Child survival program (EPI, ARI, Diarrhea)
  - The child growth monitoring program
- 1992-94**                    **Junior Consultant**  
Women's Health and Development Program (WHDP)  
BRAC, Bangladesh, provides technical support to
- Reproductive and MCH services
  - Community-based TB control (DOT) program
  - Adolescent Reproductive Health Edu. Program
  - Child survival program (EPI, ARI, Diarrhea)
  - The child growth monitoring program
- 1991-92**                    **MCH Physician**  
Marie Stopes Clinic Society: Chittagong, Bangladesh
- Rural Outreach Center, serving pregnancy-related care and family planning services in 35 villages.
- 1990**                    **Resident Obstetrician**  
Agrabad Maternity Clinic, Chittagong, Bangladesh

**Consulting Experience**

- 2009**                    **Consultant** to WHO through EVA Plan Heidelberg. *Develop a curriculum on HIV/AIDS for WHO staff*
- 2008**                    **Consultant** to GTZ and BRAC University. *Develop a 2weeks short course on Quality management of health care*
- 2005**                    **Consultant** to Swiss Tropical Institute, Switzerland. Written with Dr. Claudia Kessler. *Reproductive Health Update 2005*
- 2005**                    **Consultant** to GTZ: *Human Resource Development in the area of HIV- AIDS in Chittagong, Bangladesh*
- 2002-3**                    **Consultant** to The Federal Ministry for Economic Co-operation and Development (BMZ) Project: *Evaluation of "Addressing reproductive rights and health needs of young people after ICPD: the contribution of UNFPA and IPPF"* Tender awarded to EHG, Options, Heidelberg
- 2002**                    **Consultant** for UNFPA: Evaluation *"Maternal mortality audit & designing the reproductive health program for 2003-4 in Kazakhstan"*
- 2002**                    **Consultant** for SFB/DFG project: *Assessing client and health provide preferences for VCT services in rural Burkina Faso.*

**2001**            **Technical support for** Heidelberg University, Germany *Implementation of Syndromic  
Diagnosis of STD in Nepal.*

**Computer**

SAS, Stata, R, SPSS, Epi Info, N Vivo, Excel , Word, Power Point

**Languages**

Bengali - Mother tongue

English - Fluent in both written and spoken.

German – Intermediate level (Deutsche Zertifikate – B2)

French – Intermediate (B1 Certificate)

**Peer Reviewer**

Lancet Group

BMJ Group

Health Policy and Planning

PLOS Group

BMC group

Social Science & Medicine

WHO Bulletin

**Proposal Reviewer**

Medical Research Council, UKRI, UK

NIHR Research, UK

NIHR, Professorship, UK

African Research Academy

**Curriculum Reviewer**

University Grant Commission, Bangladesh

JPGSPH, BRAC University, Bangladesh