

DR. NADIRA SULTANA KAKOLY

RESEARCH FELLOW

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PROFESSIONAL SUMMARY

Experienced and dedicated public health researcher with over 15 years of expertise in epidemiology, public health, and applied health research. PhD in Epidemiology (Monash University) and MPH, with proven skills in literature review, ethics submissions, qualitative interviews, data analysis, and knowledge translation. Strong track record of managing research projects, supervising academic work, and producing policy-relevant outputs. Known for working effectively both independently and in cross-functional, collaborative teams across academic and project-driven settings.

PROFESSIONAL SKILLS

- Epidemiological Research & Public Health Analysis
- Literature Review & Systematic Literature Search
- Research Interviewing & Qualitative Data Collection
- Bibliographic Reference Management (EndNote proficiency)
- Longitudinal & Population Health Study Design
- Research Ethics Applications & Grant Writing
- Scientific Writing (Reports, Manuscripts, Policy Briefs)
- Digital Literacy & Research Dashboard Development
- Stakeholder Engagement, Team Mentoring & Collaboration

TECHNICAL SKILLS

- Stata (Advanced),
- SPSS
- NVivo
- Microsoft Office Suite
- EndNote

PROFESSIONAL EXPERIENCE

Assistant Professor, North South University (On Leave) **Sep 2019 - Present**

- Design and deliver engaging undergraduate and postgraduate courses in public health, epidemiology, and research methods, with a strong focus on statistical analysis, data interpretation, and real-world application using SPSS, Stata, and Excel.
- Supervise and mentor students through all stages of their research projects, guiding them in study design, data analysis, and manuscript development, resulting in successful academic publications and presentations.
- Lead collaborative research initiatives in women's health and non-communicable diseases, securing external funding through competitive grant proposals and presenting key findings at national and international conferences to influence policy and practice.

Adjunct Research Fellow, Monash University (Australia) **Nov 2022 - Apr 2025**

- Conducted advanced secondary data analysis using the ASPREE dataset to investigate chronic disease trends, applying robust epidemiological and biostatistical techniques in Stata to generate impactful, evidence-based insights for global public health.
- Collaborated with interdisciplinary research teams to publish peer-reviewed manuscripts, present findings at international conferences, and support project planning aligned with Monash University's strategic research priorities.

PHD Student and Teaching Associate, Monash University (Australia) **Mar 2016 - Nov 2019**

- Led independent doctoral research in public health, conducting observational studies to investigate health outcomes, using STATA for rigorous statistical analysis and ensuring precision and consistency in all research deliverables.
- Supported teaching in epidemiology and biostatistics for undergraduate medical and public health students, while communicating complex health data through academic writing, tutorials, and international conference presentations.

Senior Lecturer & Research Coordinator, BRAC University, Dhaka **Jul 2012 – Feb 2016**

- Led ethics application processes, coordinated fieldwork, and recruited participants for workplace and community health research projects, ensuring ethical compliance and high-quality data collection.
- Conducted qualitative interviews, managed EndNote libraries, and analyzed data for research reports and academic publications, contributing to impactful public health insights.

Research Investigator, icddr,b, Dhaka **Jan 2008 – May 2012**

- Prepared and submitted research ethics applications for multi-site studies and led community-based data collection through qualitative and quantitative interviews, ensuring adherence to research protocols and ethical standards.
- Conducted in-depth literature reviews, contributed to peer-reviewed publications, and presented research findings at both local and international conferences to support evidence-based public health initiatives.

EDUCATION

PhD in Epidemiology **Mar 2016 - Jun 2019**

Monash University, Australia

Master of Public Health (MPH) **Jun 2004 - Jun 2005**

Independent University, Bangladesh

MBBS **Jan 1997 - Jun 2003**

Bangladesh Medical College, University of Dhaka

RESEARCH PROJECTS

Jun 2020 – Present

Principal Investigator

North South University-Funded Research

- Led research activities on projects related to post-COVID diabetes development, ICU risk prediction following COVID-19 infection, and cancer care in Bangladesh, including ethics submissions, participant recruitment, and advanced data analysis using Stata.
- Produced policy-oriented reports to inform healthcare decisions and supervised research staff and students to ensure high-quality project outcomes and team collaboration.

Co-Investigator **Jun 2022 – May 2024**

Reducing Unnecessary Caesarean Sections in Bangladesh, Bill & Melinda Gates Foundation

- Supported ethics and operational planning, data interpretation, and dissemination.