Nadira Sultana Kakoly

PhD, MPH, MBBS

# Contact Information

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# Summary

A dedicated academic and clinical epidemiological researcher with a PhD in Epidemiology, MPH, and MBBS. Over 14 years of experience in research, focusing on public health and epidemiological research including advanced analysis of longitudinal large datasets. Published research manuscripts in leading academic journals and presented findings at national and international conferences. Teaching experience at Monash University, North South University, BRAC University, and Duke University (China campus). Skills include advanced statistical analysis, excellent writing, and project coordination.

# Skills

• PhD in Epidemiology specializing in Diabetes, Hypertension, PCOS, Obesity, Women's Health
• Advanced Statistical Analysis
• Excellent Writing Skills including Written and Verbal Communication
• Extensive Project Coordination Experience

# Professional Experience

## North South University, Dhaka, Bangladesh

### Assistant Professor

September 2019 - Present

## Monash University, Clayton, VIC

### Adjunct Research Fellow

March 2023 – Till Date

## BRAC University, Dhaka, Bangladesh

### Research Coordinator and Senior Lecturer

July 2012 - February 2016

* **Research Investigator**

**International Centre for Diarrhoeal Disease Research, Bangladesh － Dhaka, Bangladesh**

Jan 2008 - May 2012

# Education and Training

* PhD in Epidemiology: Monash University, Australia
* MPH (Master of Public Health): Independent University, Bangladesh
* MBBS: Bangladesh Medical College

# Memberships

* Australian Epidemiological Association
* Australian Public Health Association
* American Society for Tropical Medicine and Hygiene
* Bangladesh Medical Association

# Accomplishments

• **Winner of 2016 Azziz Baumgartner Young Investigator Travel Award**- Androgen Excess and PCOS Society (AE-PCOS) Annual Meeting, Melbourne, Australia, 2016.
• **Finalist Early Career Research Award - Australian & New Zealand Obesity Society (ANZOS) national conference**, 2016.
• **Charles C. Shepard Award; Center for Disease Control, Atlanta, USA, 2014** (This award was presented to the best manuscript, first author, on original research for scientific excellence demonstrated by the publication of: "Impact of introduction of the Haemophilus Influenzae type b conjugate vaccine in the childhood immunization on childhood meningitis in Bangladeshi infants" The Journal of Pediatrics, 2013:163(1): S73-8 under the evaluation category.
• **Winner of Research Grant from North South University** as Principal Investigator looking at “Development of New-onset diabetes among Covid-19 patients”
• **Winner of Research Grant “Reducing C-section in Bangladesh” as co-investigator from Bill & Melinda Gates Foundation**

## Manuscripts (Published)

* Ahmed, Nawshin et al. "Factors associated with low childhood immunization coverage among Rohingya refugee parents in Cox's Bazar, Bangladesh." PLoS ONE, vol., no., **April 2023.**
* Amin, Mohammad Ashraful et al. "Assessment of Depression and Anxiety Among Admitted People With Heart Disease Conditions: A Cross-Sectional Hospital-Based Study in a Bangladeshi Population During the COVID-19." Frontiers in Psychiatry, vol., no., **July 2022**.
* Khan, Md. Abdullah Saeed et al. "Factors associated with in-hospital mortality of adult tetanus patients–a multicenter study from Bangladesh." PLoS Neglected Tropical Diseases, vol., no., **March 2022**.
* Hossian, Mosharop et al. "Individual and Occupational Factors Associated With Low Back Pain: The First-ever Occupational Health Study Among Bangladeshi Online Professionals." Journal of Preventive Medicine and Public Health, vol., no., **January 2022**.
* Faruqui, Wafi and Nadira Sultana Kakoly. "Assessment of Maternal Knowledge, Attitude and Practice towards Development of Nursing Caries among Preschool Going Children in Bangladesh." Acta Scientific Dental Sciences, vol., no., **August 2021**.
* Kakoly, NS et al. "Ethnicity, obesity and the prevalence of impaired glucose tolerance and type 2 diabetes in PCOS: a systematic review and meta-regression." Human Reproduction Update, vol. 24, no. 4, **2018**, pp. 455-467.
* Lim, SS et al. "Metabolic syndrome in polycystic ovary syndrome: a systematic review, meta‐analysis and meta‐regression." Obesity Reviews, vol. 20, no. 2, **2019**, pp. 339-352.
* Kakoly, NS et al. "The impact of obesity on the incidence of type 2 diabetes among women with polycystic ovary syndrome." Diabetes Care, vol. 42, no. 4, **2019**, pp. 560-567.
* Kakoly, NS et al. "Cardiometabolic risks in PCOS: a review of the current state of knowledge." Expert Review of Endocrinology & Metabolism, vol. 14, no. 1, **2019**, pp. 23-33.
* Hasan, SMK et al. "The impact of snake bite on household economy in Bangladesh." Tropical Doctor, vol., no., **2012**, pp.
* Kakoly, NS et al. "Group-based developmental BMI trajectories, polycystic ovary syndrome, and gestational diabetes: a community-based longitudinal study." BMC Medicine, vol. 15, no. 1, **2017**, pp. 1-9.
* Sultana, SPL Nadira K. et al. "Impact of Introduction of the Haemophilus influenzae Type b Conjugate Vaccine into Childhood Immunization on Meningitis in Bangladeshi Infants." Journal of Pediatrics, vol. 163, no. 10, **2013**, pp.
* Joham, AE et al. "Incidence and predictors of hypertension in a cohort of Australian women with and without polycystic ovary syndrome." The Journal of Clinical Endocrinology & Metabolism, vol. 106, no. 6, **2021**, pp. 1585-1593.
* Horng, L et al. "Effect of household relocation on child vaccination and health service utilisation in Dhaka, Bangladesh: A cross-sectional community survey." BMJ Open, vol. 9, no., **2019**, pp.

# References

Available upon request.