

NADIRA SULTANA KAKOLY

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Summary

A dedicated researcher with excellent analytical and writing skills demonstrated by over six years of experience. Offering hands-on experience in supporting diverse research efforts and completing large-scale independent projects. Eager to advance collective discipline knowledge and author high-quality scientific papers for publication in peer-reviewed journals.

Skills

- PhD in epidemiology (Diabetes, PCOS and obesity, women's health)
- Advanced Statistical analyst
- Excellent writing skills including written and verbal communication
- Extensive project coordination experience

Experience

PhD researcher Mar 2016 to Apr 2019

Monash University – Clayton, VIC

- Worked with registry health data including linked data to conduct longitudinal analysis which led to the publication of six high-impact manuscripts.
- Developed STATA programmes for group-based trajectory analysis, .meta-analysis in STATA and multivariable regressions.
- Disseminated research findings nationally and internationally.
- Taught graduate medical students on epidemiology and biostatistics; marked examination papers.

Teaching Associate Jun 2016 to Dec 2016

Epidemiology and Preventive Medicine Monash University – Clayton

- Assessed student progress at each session, making recommendations that increased the effectiveness of tutoring and lessons.
- Reinforced classroom learning with additional discussion and specially prepared problems.
- Worked closely with medical students, helping to develop research and analysis.
- Instructed student on research concepts in fun and supportive manner to help students learn.
- Attended training and development courses to improve service offerings.

Research Coordinator and Senior Lecturer Jul 2012 to Feb 2016

BRAC University – Dhaka, Bangladesh

- Key responsibilities:
- Coordination
- Implement mixed method research -coordinating and leading research activities of the Project "Governance for urban health equity: mobilizing demand for primary health care among the urban poor" which includes both qualitative and quantitative methods.
- Hired and trained staff while managing a research project.
- Training over 20 data collectors.
- Conduct regular interviews, coding and quantitative data analysis sessions with the research team.
- Conduct statistical analysis of quantitative data.
- Make research and activity plans for the team.
- Track and monitor study budget.
- Contact and communicate with donors

- Prepare an Implementation plan for the research project.
- Prepare study instruments for the project.
- Write technical and financial project reports.
- Disseminate study findings in academic conferences.
- Write research proposals and grants.
- Identified issues and provided timely resolutions.
- Developed protocols, prepared equipment and purchased materials to coordinate administrative functions in support of planned studies.
- Collected and documented data as part of field research.
- Generated written reports on research findings for publication in professional journals.
- Adhered to standards in all areas, including data collection, research protocols and reporting.

Global Health Research Fellow

Sep 2015 to Dec 2015

DUKE Kunshan University – Kunshan, China

- Compiled and analyzed data on research findings for publication in professional journals.

Teaching Fellow

Jan 2012 to Jan 2015

Monash University, JPG SPH BRAC University

- Course: Infectious Disease Epidemiology; Quantitative research Methods, Basic Epidemiology.
- Provided tutoring services for 30 students per semester.
- Supervised student projects and field trips.
- Contributed to research activities, including field research and thesis projects.
- Kept classroom focused on academic and intellectual discussions to further students' critical thinking skills as well as understanding of the materials presented.
- Developed lesson plans to teach course materials according to schedule.
- Developed, administered and graded tests and quizzes in a timely manner.

Research Investigator

Jan 2008 to May 2012

International Centre for Diarrhoeal Disease Research, Bangladesh – Dhaka, Bangladesh

Key responsibilities:

- Implement research protocols for epidemiologic studies on infectious diseases, vaccine science, water and sanitation and hygiene.
 - Hire staff (research assistants, research officers, and medical officers).
 - Prepare study instruments, pilot test them and train, supervise and manage large field teams of 40 data collectors.
 - Train and directly supervise and evaluate team members from research assistants to Medical Officers.
 - Conduct interviews.
 - Prepare, track project budget and cost.
 - Supervise donor visits and queries on project sites
 - Perform statistical analysis including modelling of collected data.
 - Draft donor reports on a regular basis.
 - Draft manuscripts based on these data.
 - Participate in International conferences to disseminate research findings.
 - Chair scientific session at conferences
 - Wrote project proposals
 - Handled day-to-day scientific functions, including management of research protocol, analysis and write up.
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Education and Training

PhD Epidemiology (Clinical Epidemiology, Diabetes, Women's Health) **Feb. 2019**
Monash University, Australia

MPH Masters of Public Health **Aug. 2006**
Independent University Bangladesh, Bangladesh

Bachelor of Medicine & Bachelor of Surgery **Jan. 2003**
Bangladesh Medical College, Bangladesh

Memberships

Australian Epidemiological Association
Australian Public Health Association
American Society for Tropical Medicine and Hygiene
Bangladesh Medical Association
Rotary Club Dhaka

Accomplishments

- Winner of **2016** Azziz Baumgartner Young Investigator Travel Award- Androgen Excess and PCOS Society (AE-PCOS) Annual Meeting, 2016.
- Finalist Early Career Research Award - Australian & New Zealand Obesity Society (ANZOS) national conference, **2016**.
- **2014** Charles C. Shepard Award; Center for Disease Control, Atlanta, USA

(This award was presented to the best manuscript, of which I am the 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): 573-8 under the evaluation category.

References

References will be provided upon request

Publications

MANUSCRIPTS & CONFERENCE PRESENTATION

Manuscripts (Published)

1. Kakoly, N. S., A. Earnest, H. J. Teede, L. J. Moran and A. E. Joham (2019). "The Impact of Obesity on the Incidence of Type 2 Diabetes Among Women With Polycystic Ovary Syndrome." *Diabetes Care* **42**(4): 560.
2. Kakoly NS, Moran LJ, Teede HJ, Joham AE. Cardiometabolic risks in PCOS: a review of the current state of knowledge. *Expert review of endocrinology & metabolism*. **2019**;14(1):23-33.
3. Lim, S. S., et al. "Metabolic syndrome in polycystic ovary syndrome: a systematic review, meta-analysis and meta-regression." *Obesity Reviews* **20.2** (2019): 339-352.

4. Horng, L., Kakoly, N. S., Abedin, J., & Luby, S. P. (2019). Effect of household relocation on child vaccination and health service utilisation in Dhaka, Bangladesh: a cross-sectional community survey. *BMJ open*, 9(3), e026176.

5. Kakoly NS, Khomami MB, Joham AE, et al. Ethnicity, obesity and the prevalence of impaired glucose tolerance and type 2 diabetes in PCOS: a systematic review and meta-regression. *Hum Reprod Update* 2018.

6. Kakoly NS, Earnest A, Moran LJ, Teede HJ, Joham AE. Group-based developmental BMI trajectories, polycystic ovary syndrome, and gestational diabetes: a community-based longitudinal study. *BMC medicine*. 2017 Dec;15(1):195

7. Sultana, N. K., S. K. Saha, H. M. Al-Emran, J. K. Modak, M. A. Sharker, S. El-Arifeen, A. L. Cohen, A. H. Baqui and S. P. Luby (2013). "Impact of introduction of the Haemophilus influenzae type b conjugate vaccine into childhood immunization on meningitis in Bangladeshi infants." *J Pediatr* 163 (1 Suppl): 573-78.

8. Hasan, S. M. K., A. Basher, A. A. Molla, N. K. Sultana, and M. A. Faiz. "The impact of snake bite on the household economy in Bangladesh." *Tropical doctor* 42, no. 1 (2012):41-43.

Manuscripts under review

1. Kakoly NS, Earnest A, Moran LJ, Teede HJ, Joham AE. Incidence and Predictors of Hypertension in a Cohort of Australian Women with and without Polycystic Ovary Syndrome (submitted to EHG)

Conference presentation

1. 14th Annual Meeting of Androgen Excess in PCOS Society, Lorne, Victoria, AUSTRALIA November 10-12, 2016; NADIRA KAKOLY Monash Centre for Health Research Implementation, School of Public Health, Monash University, Clayton, Victoria, Australia; LONGITUDINAL BMI TRAJECTORIES AND GESTATIONAL DIABETES: RELATIONSHIPS IN WOMEN WITH AND WITHOUT POLYCYSTIC OVARY SYNDROME

2. Australian & New Zealand Obesity Society 2016 Annual Scientific Meeting, Early Career Research Award Presentations; Nadira Sultana kakoly; Gestational Diabetes Mellitus among young adult women with PCOS: Association with BMI trajectories over 13 years

3. American Diabetes Association, Orlando, Florida, USA, 22 - 26 June 2018; Kakoly NS, Earnest A, Teede HJ, Moran LJ & Joham AE. The impact of obesity on the incidence of type 2 diabetes mellitus among women with polycystic ovary syndrome.

4. Nadira K. Sultana, Emily S. Gurley, Mizanur Rahman, P. K. Ram, Stephen P. Luby; The association of Soap in Household on Child Mortality from Respiratory Infections; The American Journal of Tropical Medicine & Hygiene, 60th Annual Meeting [Abstract], 2011, pp. 445. (Oral presentation)

5. Nadira K. Sultana, Jaynal Abedin, Stephen P. Luby; Association Of Urban Household Relocation on Childhood Immunization And Physician Visits In Dhaka, Bangladesh; The American Journal of Tropical Medicine & Hygiene, 59th Annual Meeting [Abstract #34]

6. Nadira K. Sultana, Sabina F. Rashid, Alayne M. Adams; Mobilizing demand for Primary health care among the urban poor in Bangladesh-A case study; The Health systems in Asia conference; 2nd Annual Meeting [Abstract]; 2013 (poster)

7. Nadira K. Sultana, Tessa Hillgrove, Sazzadul Alam, Alayne M. Adams, Sabina F. Rashid. The power quandary - the role of local elites and powerful others in community-based health development Health Systems in Asia 2014, Cape Town, South Africa, 2nd October 2014(Oral Presentation)

8. Nadira K. Sultana; Herfina Nababan; Alayne M. Adams; Sabina F. Rashid; The effect of social capital indicators on health seeking the behaviour-the role of gender, International Conference on Urban health 2015 (Poster).