

Noor Kutubul Alam Siddiquee

Contact Information 1201 S McClintock Dr, Apt 238
Tempe, AZ, USA 85281 nsiddiq6@asu.edu
siddiquee.nka@gmail.com
[Mob: +18178839738](tel:+18178839738)

Career Summary I am a second-year PhD student in Sociocultural Anthropology with a focus on health, water, and environment at Arizona State University with extensive experience in public health research and program management. My career has been dedicated to exploring intersections between health systems, social behavior, and cultural dynamics, with a focus on addressing inequities in resource-constrained settings. Over the past decade, I have contributed to numerous projects emphasizing health systems strengthening, infection prevention, WASH interventions, and qualitative and quantitative research.

My professional expertise includes designing and conducting mixed-methods research, analysis, and producing actionable insights to inform health policy. I have co-authored several peer-reviewed publications and gained practical skills in project management, stakeholder engagement, and team leadership.

Educational Credentials

Ph.D. in Anthropology Arizona State University, Arizona, USA	Aug 2023 to Onward
Ph.D. in Anthropology (Incomplete; Moved to ASU) Southern Methodist University in Dallas, Texas, USA	Aug 2022 to July 2023
Master of Social Science (MSS) in Anthropology, Jahangirnagar University, Savar, Dhaka, Bangladesh	2012 to 2013
Bachelor of Social Science (BSS) in Anthropology, Jahangirnagar University, Savar, Dhaka, Bangladesh	2008 to 2012

Publications

- **(Under Review)** Siddiquee NKA, Bridging the Gap: Promoting Access and Utilization of SRH Services among Young Rohingya Refugees in Bangladesh, BMC Reproductive Health
- Karki KB, Poudyal A, Shrestha N, Mahato NK, Aryal KK, Sijapati MJ, Bista B, Gautam N, Subedi R, **Siddiquee NKA**, Gyanwali P, Kuch U, Groneberg DA, Jha AK, Dhimal M. Factors Associated with Chronic Obstructive Pulmonary Diseases in Nepal: Evidence from a Nationally Representative Population-Based Study. Int J Chron Obstruct Pulmon Dis. 2021;16:1109-1118, <https://doi.org/10.2147/COPD.S295321>
- **Siddiquee NKA**, Poudyal A, Pandey A, Shrestha N, Karki S, Subedi R, Sah AK, KC D. Telemedicine in Resource-Limited Setting: Narrative Synthesis of Evidence in Nepalese Context. Smart Homecare Technology and TeleHealth. 2019;6 1–14.
- Shafiq, S; Dahal, S; **Siddiquee, NKA**; Dhimal, M and Jha, AK (2020) Existing Laws to Combat Road Traffic Injury in Nepal and Bangladesh: A Review on Cross Country

Perspective; Journal of Nepal Health Research Council; [S.l.], v. 17, n. 4, p. 416-423, Jan. 2020. ISSN 1999-6217.

- Akhtar, R; Alam, S and **Siddiquee, NKA** (2020) Education for visually impaired: congeniality study of digital talking book; The Jahangirnagar Review, Faculty of Social Science, Jahangirnagar University.
- Ara, L; Trisha, MD; Tamal, EH; **Siddiquee, NKA**; Mowla, SM Niaz; Hossain, F; Rahman, T; Sarker, MSA; Alam, MNH (2019) Implementation of a Multimodal Multicentre Hand Hygiene Study: Evidence from Bangladesh Hospitals, Global journal of health science 11(11):73.
- Akhtar, R; Alam, S and **Siddiquee, NKA** (2019) Telemedicine: an ICT based healthcare approach to ensure health service for all. Int J Community Med Public Health. 2019 Sep;6(9).
- Ara, L; Mowla, SM Niaz; **Siddiquee, NKA**; Tamal, EH; Bashar, F & Sarker, SA (2018) Transferring knowledge into practice: A multimodal multicenter intervention for enhancing nurses' infection control competency in Bangladesh. The Journal of Hospital Infection, pii: S0195- 6701(18)30407-9.

Awards and Fellowships

SSHAP Fellow

May to July 2021

Social Science in Humanitarian Action Platform (SSHAP)

The program included social scientists and practitioners to learn about applying social science in emergencies. As a fellow, I will receive mentoring on different social science approaches, humanitarian activities, and their integration from different experts including IDS, UNICEF, Wellcome Trust, Anthrologica, and FCDO.

WHO SEARO Region Fellow

01 Jan 2020 to 31 Oct 2021

Public Health Foundation of India (PHFI)

This was an 18-months fellowship on “Strengthening Gender Equity and Intersectionality” in Health Policy and Systems Research (HPSR). Due to the COVID-19 pandemic, the timeline was extended till November 2021.

Detail responsibilities include-

- I implemented a research project on adolescents and young populations of fragile contexts to see how gender identity, gender roles, norms, ethnicity, cultural & language barriers, and other potential determinants affect their experience and accessibility to sexual and reproductive health services.
- All the fieldwork has been completed and I am currently working on a manuscript.

Professional Experience

Project Manager – Health

05 May 2020 to 30 Sep 2021

HEKS/EPER

In this position, I performed as the focal person of two health systems strengthening projects implemented in all the functional healthcare facilities in Rohingya camps and host communities. I led the implementation of multiple components including IPC measures,

hygiene practices, healthcare waste management, mitigations of transmission of healthcare-associated infections, and improving the behavior and skills of the healthcare providers.

Detail job responsibilities include-

- Management of WASH FIT inventory through extensive facility assessment. Under the assessment component, this project will cover all the facilities operating in Rohingya refugee camps and all the government primary healthcare facilities in Cox's Bazar district.
- Establish a strong network with partner organizations including government agencies working in the health and WASH sector.
- Establish a technical working group to ensure sustainability of the project, and to do effective advocacy at government and humanitarian agency level.
- Organize and facilitate WASH and IPC-related training to the key health sector partners at the district level and facility-based staff in Rohingya refugee camps.
- Develop and ensure the use of appropriate techniques and materials for WASH promotion and training in healthcare facilities.
- Managing the WASH team and providing technical support, training and capacity building.
- Provide detailed, accurate and timely monthly report on the activities, challenges and areas that need of improvement including operational data.
- Consultation on the current healthcare waste management practice with the facility staff and introduce a feasible solution in line with the scopes, types of the waste generated, availability of waste management personnel and available logistics.
- I led the construction of two comprehensive waste zones in Maheshkhali and Kutubdia Health Complex of Cox's Bazar.
- Communication and coordination with donors and technical experts, and to prepare meeting minutes.
- Analyze and report on the evolving humanitarian needs and provide clear recommendations for interventions.
- I was responsible for recruitment, day-to-day management, development and training and appraisals of the project team.
- I had to hold monthly team meetings with the teams, review objectives, inform them of issues relevant to their work and provide feedback and ensure they receive coaching and training.
- I was responsible for planning, developing and managing budgets for the project activities and procurement in close collaboration with HR and Finance team.

Achievements

- Implemented first ever comprehensive WASH FIT tool in Bangladesh.
- Covered all the functional healthcare facilities in and around Rohingya camps (156 NGO health centers and 262 government health centers)
- Successfully established a district level advocacy and coordination platform on WASH FIT.
- WASH FIT has become the flagship project of HEKS/EPER.

FK Exchange Fellow

01 Oct 2018 to 31 Oct 2019

Nepal Health Research Council, Ministry of Health and Population, Nepal

Detail job responsibilities include-

- As a Fellow, I work with NHRC on the emerging public health issues with special focus on

disability-impairment issues.

- I was in the core team to organize 4th International Summit of Health and Population Scientist, Nepal.
- Coordinate with NHRC team to identify potential research areas on health targeting out-of-reach, underprivileged and people with disability.
- Develop a comprehensive proposal for commencing a nationwide community-based disability survey.
- NHRC hosts the Ethical Review Board for all health-related research works. I have to work with the respective team to review research proposal as well as to become familiar with robust methodologies and health ethics related to disability research.
- Develop infographics and policy brief on disability, social protection mechanism and non-communicable diseases utilizing the evidence synthesized from relevant literatures to communicate with policy makers.
- Organize and co-facilitate workshops and training session with diverse group of participants.
- I already have started working on manual for researcher and trainer on “Qualitative Research and Its Application in Public Health Research”.
- Prepare concept notes and conduct systematic reviews.
- Analyzing qualitative data and writing reports with guidance from mentor.

Achievements

- Prepared a comprehensive proposal on national level disability survey.
- Published 2 peer-reviewed articles: on telemedicine and on cross country comparison of road traffic accidents and relevant policies.
- Worked as a ethics reviewer of NHRC ethics review board.
- Designed a conducted a mixed method study on alternative and traditional medicine. Work on one manuscript for publication is ongoing.

Senior Research Officer icddr,b

01 Nov 2017 to 30 Sep 2018

In this position, I performed as the social and action researcher in health systems strengthening project implemented in tertiary level government health care facilities (medical colleges and district sadar hospitals). The project implemented multiple components including IPC measures, hand hygiene, general hygiene practices, healthcare waste management, and improving behavioral aspects of healthcare providers.

Detail job responsibilities include-

- As a Senior Research Officer, I had to prepare training materials on different infection control mechanisms (e.g. hand hygiene, use of personal protective equipment, standard nursing practice, proper waste management & segregation, hospital environment cleaning etc.).
- In PEER project, it required continuous capacity building of the Field Research Assistants and project Research Physician. I contribute to smooth implementation of the program.
- Develop new ideas for research based on the defined thematic areas of the unit.
- Supervised and conducted fieldworks with different healthcare workers including physician, nurse, medical technologist and lab assistant.

- Organize national and community level meeting and workshop including key personnel, government representatives, experts, researchers and healthcare personnel.
- Prepare meeting minutes and communication materials.
- Analyzing data and writing reports with guidance from Principal Investigator.
- Supervise field staff including Field Research Assistants and Project Research Physician.

Achievements

- Published two peer reviewed articles (as co-author) in the area of hand hygiene and infection prevention and control.
- Hands on management and field level experience in the area of health systems strengthening in tertiary level hospitals in Bangladesh.

Research Officer icddr,b

14 Dec 2016 to 31 Oct 2017

In this position, I performed as the social and action researcher in health systems strengthening project implemented in tertiary level government health care facilities (medical colleges and district sadar hospitals). The project implemented multiple components including IPC measures, hand hygiene, general hygiene practices, healthcare waste management, and improving behavioral aspects of healthcare providers.

Detail job responsibilities include-

- As a Research Officer, I had to prepare training materials on different infection control mechanisms (e.g. hand hygiene, use of personal protective equipment, standard nursing practice, proper waste management & segregation, hospital environment cleaning etc.).
- In PEER project, it required continuous capacity building of the Field Research Assistants and project Research Physician. I contribute to smooth implementation of the program.
- Develop new ideas for research based on the defined thematic areas of the unit.
- Supervised and conducted fieldworks with different healthcare workers including physician, nurse, medical technologist and lab assistant.
- Organize national and community level meeting and workshop including key personnel, government representatives, experts, researchers and healthcare personnel.
- Prepare meeting minutes and communication materials.
- Analyzing data and writing reports with guidance from Principal Investigator.
- Supervise field staff including Field Research Assistants and Project Research Physician.

Senior Researcher (Freelance) Access to Information (a2i) Programme

01 Nov 2016 to 31 May 2017

Detail job responsibilities include-

- Develop proposals according to the guidelines.
- Presenting the proposal and incorporate feedback.

- Develop inception report including tools and detailed field plan.
- Recruit and train the Research Assistants.
- Supervise fieldwork and ensure quality of data.
- Writing report (both short and long version).

Achievements

- Published two peer reviewed articles (as co-author) in the area of telemedicine and digital talking book for the children with visual impairment.

Research Associate Disaster Management Watch

01 Nov 2015 to 14 Dec 2016

Detail job responsibilities include-

- Develop proposals according to the guidelines.
- Presenting the proposal and incorporate feedback.
- Develop inception report including tools and detailed field plan.
- Recruit and train the Research Assistants.
- Supervise fieldwork and ensure quality of data.
- Analyze and manage data.
- Writing report (both short and long version).

Senior Research Assistant James P. Grant School of Public Health, BRAC University

17 June 2013 to 10 Sep 2015

During this role, I was responsible to perform following tasks-

- Adapting tools according to country context including translation and back translation.
- Conduct interviews, observation and group discussion with frontline healthcare workers, their supervisors, program managers of partner organizations, respective government official.
- Transcription of recorded interviews and group discussion.
- Thematic coding of transcripts using Atlas-ti and then preparing thematic narratives.
- Conduct training of frontline healthcare workers and different referral points (e.g kabiraj, pharmacist and others).
- Systematic secondary research.

Research Assistant Research and Evaluation Division, BRAC

5 March 2013 to 23 May 2013

I worked in BRAC health centre study for short period time in Habiganj. During this role, I had to perform following tasks-

- Questionnaire & Guideline Development
- Data Collection, Transcription and
- Data Compilation

Teaching Experience

- Teaching Assistant, People of the Earth: The First Five Million Years, Southern Methodist University, Fall 2022.

- Teaching Assistant, People of Africa, Southern Methodist University, Spring 2023.
- Graduate Teaching Associate, Global History of Health, Arizona State University, Fall 2023
- Graduate Teaching Associate, Introduction to Medical Anthropology, Arizona State University, Fall 2023
- Graduate Teaching Associate, Anthropology of Human Sexuality, Arizona State University, Spring 2024
- Lab Manager, Culture Health and Environment Lab, Arizona State University, Fall 2024
- Graduate Teaching Associate, Food and Culture, Ethics of Eating, Arizona State University, Spring 2025

Training and Workshops

- One Health Summer Institute (OHSI) 2024, University of Calgary
- International People's Health University (IPHU) on Struggle towards Equity in Health; People's Health Movement (PHM) and Sama Resource Group for Women and Health.
- Workshop on "Strengthening gender equity and intersectionality in health policy and systems research", Ramalingaswami Centre on Equity and Social Determinants of Health (RCESDH), Public Health Foundation of India (PHFI), Bangalore, India
- Workshop on Human Rights Research, Raoul Wallenberg Institute of Human Rights and Humanitarian Law, Thailand (Mar 2019) and Indonesia (Sep 2019).
- Scientific Writing, icddr,b (Bangladesh)
- STATA, icddr,b (Bangladesh)
- Good Clinical Practice (GCP), IMMES Corporation Inc. (Bangladesh)
- Gender & Diversity Awareness Workshop, icddr,b (Bangladesh)
- Youth and Sustainable Development Goal, ActionAid Global Platform, Bangladesh (Bangladesh)
- Flagship Short Course On "Gender and Sexual, Reproductive Health and Rights; CGSRHR, James P Grant School of Public Health, BRAC University.
- Workshop On REACHOUT Context Analysis, Covering Qualitative Research Data Coding, Use of Atlas-ti and Narrative Writing Skill Development; James P Grant School of Public Health, BRAC University.

Computer and Software Skills

- Microsoft Office Package
- Statistical and Data Analysis Package: SPSS and STATA
- Software-based Qualitative Data Analysis: Atlas-ti
- End Note, Zotero, and Mendeley: Referencing Software

Volunteer Experience

- Translation Vendor, Handicap International Bangladesh (Humanity and Inclusion)

- Translation Vendor, BRAC Institute of Governance and Development, BRAC University.
- Translation of “How to Report Human Rights Violations Faced by LGBTIQ People To National Human Rights Institutions In South Asia” from English to Bengali, APCOM, United Nations Volunteer (Volunteer)
- Small-scale research on “Sexual Reproductive Health Rights (SRHR) of the People with Disability”, ActionAid Global Platform Bangladesh (Volunteer)

Conference Presentation

- Role of a multimodal intervention in improving hand hygiene compliance for safe health care management: evidence from resource-poor settings; 4th International Conference on Public Health 2018 (ICOPH 2018); Bangkok, Thailand; 19-21 July, 2018.
- Bridging the Gap: Promoting Access and Utilization of SRH Services among Young Rohingya Refugees in Bangladesh, APHA (American Public Health Association Annual Meeting and Expo) 2024, Minneapolis, Minnesota; 27-30 October, 2024

References

Available upon request