

Somdutta Barua

PhD MPhil MA BSc(Hons.)

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SUMMARY

Doctoral degree awarded in Population Studies at the Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University, New Delhi, India. Presently working as a Programme Officer at Iswar Sankalpa, an NGO working to support minds.

PERSONAL DATA

Nationality: Indian
Date of birth: 04/10/1991
Place of birth: Kolkata, West Bengal, India
Marital status: Unmarried

EMPLOYMENT & POSITIONS OF RESPONSIBILITY

02/2025 – Present

Programme Officer at Iswar Sankalpa

- Currently working on the transition of an Urban Mental Health Programme to Kolkata Municipal Corporation.

04/2024 – 06/2024

Consultant (Scientific/Non-Medical) at the Indian Council of Medical Research (ICMR)

- Worked on “Structural convergence, integrating programmes and leveraging technology for better enabling healthcare teams for delivery of equitable, high-quality primary healthcare services through Health and Wellness Centres (CONVERTECH-HWCs project)”

04/2023 – 03/2024

Research Associate at the RTI International (India)

- Worked on the Operational Research on Missed Population within Lymphatic Filariasis Programme in India: Participatory Action Research with a focus on Seasonal Migration in Jharkhand (COR-NTD Project)
- Worked on the Process Evaluation for Family Doctor Program (FDP) in Andhra Pradesh (The World Bank Group Project)
- Worked on the Evaluation of Integrated Livelihoods-Health-Nutrition Project (Rotary Club Project)

12/2021 – 03/2023

Research Associate at the National Institute of Urban Affairs (NIUA)

- Worked on the State Equity Profiles (UNICEF Project)
- Worked on BBSR (Federal Institute for Research on Building, Urban Affairs, and Spatial Development) Projects
- Worked on the Primary Health Care, Nutrition and WASH Services in Urban India: Assessment of the Governance, Institutional and Financing Challenges (UNICEF Project)

EDUCATION

08/2017 – 09/2023

Jawaharlal Nehru University

New Delhi, India

PhD (2023) in Population Studies | Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University (2017 – 2022)

PhD Thesis titled "**Perception, Risk Factors and Psychosocial Association of Obesity in Kolkata, India**"

Supervisor: **Prof. Nandita Saikia**

08/2015 – 07/2018

Jawaharlal Nehru University

New Delhi, India

MPhil (2018) in Population Studies | Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University (2015 – 2017)

MPhil Dissertation titled "**Prevalence and Determinants of Diabetes: A Spatial Analysis of Southern India**"

Supervisor: **Prof. Nandita Saikia**

08/2013 – 05/2015

Jawaharlal Nehru University

New Delhi, India

MA (2015) in Geography | Centre for the Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University (2013 – 2015)

07/2010 – 04/2013

University of Calcutta

Kolkata, India

BSc Hons. (2013) in Geography | Sivanath Sastri College, University of Calcutta (2010 – 2013)

06/2008 – 04/2010

Indian School Certificate Examinations, Hirendra Lella Patranavis School

Kolkata, West Bengal, India

04/2006 – 04/2008

Indian Certificate of Secondary Education, Calcutta Public School

Kolkata, West Bengal, India

RESEARCH PUBLICATIONS

- ❖ Barua, Somdutta., and Saikia, Nandita. (2023). Perception, environmental determinants, and health complications of excess weight in India: a mixed methods approach. *Scientific Reports*, 1-12.
- ❖ Barua, Somdutta. (2023). Spatial inequality and explaining the urban-rural gap in obesity in India: evidence from 2015–16 population-based survey. *PLOS ONE*, 1-17.
- ❖ Barua, Somdutta., and Saikia, Nandita. (2022). Perception, risk factors, and health behaviours in adult obesity in Kolkata, India: a mixed methods approach. *BMC Public Health*, 1-15.

- ❖ Barua, Somdutta., Saikia, Nandita., and Sk, Rayhan. (2020). Spatial pattern and determinants of diagnosed diabetes in southern India: evidence from a 2012–13 population-based survey. *Journal of Biosocial Science*, 1-16.
- ❖ Sk, Rayhan., and Barua, Somdutta. (2019). Correlates of Caesarean Section Delivery in West Bengal, India: An Analysis Based on DLHS-3. *IntechOpen*, 1-13.
- ❖ Sk, Rayhan., Rasooly, Mohammad Hafiz., and Barua Somdutta. (2019). Do fuel type and place of cooking matter for acute respiratory infection among Afghan children? Evidence from the Afghanistan DHS 2015. *Journal of Biosocial Science*, 1-14.
- ❖ Sk, Rayhan., Banerjee, Anuradha., Mishra, Rakesh & Barua, Somdutta. (2019). Quality of care and early childhood developmental status in Nepal: a multilevel analysis. *Early Child Development and Care*, 1-14.
- ❖ Sk, Rayhan., and Barua, Somdutta. (2018). Nonclinical Factors of Cesarean Section Birth: A Review of the Literature. *International Journal of Childbirth*, 8(2), 135-148.

CONFERENCE PRESENTATIONS

- ❖ Paper presented at the British Society for Population Studies virtual Annual Conference 2021 (BSPS 2021), 13-15th September 2021, Virtual.
- ❖ Poster presented at the International Congress on MEtabolic Syndrome 2021 (ICOMES), 2-4th September 2021, Virtual.
- ❖ Paper presented at the 17th International Conference on Urban Health (ISUH 2021), 6-8th July 2021, Virtual.
- ❖ Poster presented at the 2021 Planetary Health Annual Meeting and Festival (Planetary Health Alliance 2021), 25-30th April 2021, Virtual.
- ❖ Paper presented at the 1st World Congress on Migration, Ethnicity, Race and Health (MERH 2018), 17-19th May 2018, Edinburgh, Scotland, UK.
- ❖ Paper presented at the 14th International Conference on Urban Health (ISUH 2017), 26-29th September 2017, Coimbra, Portugal.
- ❖ Paper presented at the 14th Annual Conference of Indian Association for Social Sciences and Health (IASSH 2016), 23-25th September 2016, Pune, India.

WORKSHOPS/TRAINING

- ❖ Attended SCOPE School Global: Obesity Across the Lifespan organised by World Obesity Federation, 22-24th October 2020, Virtual.
- ❖ Attended SCOPE School organised by World Obesity Federation, September 26th 2019, in Monterrey, Mexico.
- ❖ Attended SCOPE School on obesity organised by World Obesity Federation, September 1st 2019, in Seoul, South Korea.
- ❖ Attended SCOPE School on obesity organised by World Obesity Federation, 24th November 2018 in Rio De Janerio, Brazil.
- ❖ Attended SCOPE School on obesity organised by World Obesity Federation, 11th June 2018 in London, United Kingdom.
- ❖ Attended workshop on 'Demography of gender bias' organised by CSRD, SSS, Jawaharlal Nehru University, India in collaboration with UNFPA, India and Centre Population et Développement, France, 20-24th March 2017, New Delhi, India.

AWARDS/FELLOWSHIPS

- ❖ Awarded a full scholarship to present at the 17th International Conference on Urban Health (ISUH 2021), 6-8th July 2021, Virtual.
- ❖ Awarded a full scholarship to attend SCOPE School Global: Obesity Across the Lifespan organised by World Obesity Federation, 22-24th October 2020, Virtual.
- ❖ Awarded a full scholarship to attend SCOPE School organised by World Obesity Federation, 26th September 2019, Monterrey, Mexico.

- ❖ Awarded a full scholarship to attend SCOPE School organised by World Obesity Federation, 1st September 2019, Seoul, South Korea.
- ❖ Awarded a full scholarship to attend SCOPE School organised by World Obesity Federation, 24th November 2018, Rio De Janerio, Brazil.
- ❖ Awarded a full scholarship to attend SCOPE School organised by World Obesity Federation, 11th June 2018, London, England, UK.
- ❖ Awarded a full bursary to present at the 1st World Congress on Migration, Ethnicity, Race and Health (MERH 2018), 17-19th May 2018, Edinburgh, Scotland, UK.
- ❖ Awarded a full scholarship to present at the 14th International Conference on Urban Health (ISUH 2017), 26-29th September 2017, Coimbra, Portugal.
- ❖ Junior Research Fellowship (JRF) Award, 2015, University Grant Commission (UGC), New Delhi, India.

NATIONAL LEVEL TEST QUALIFIED

- ❖ National Eligibility Test (NET) for Assistant Professor, Geography, July 2016, University Grant Commission (UGC), New Delhi, India.
- ❖ National Eligibility Test (NET) for Assistant Professor, Population Studies, June 2015, University Grant Commission (UGC), New Delhi, India.

SOFTWARE SKILLS

STATA, ArcGIS, Geoda, MGWR, Microsoft Word, PowerPoint, Excel, Visio, Mendeley, Statistical Package for the Social Sciences (SPSS), MORTPAK.

EXPERIENCES WITH DATA

- ❖ Demographic and Health Surveys (DHS); District Level Household & Facility Survey (DLHS), India; Census of India; Youth in India: Situation and Needs 2006–2007.
- ❖ Conducting fieldwork (Qualitative Interviews, Focus Group Discussions and Quantitative Surveys)
- ❖ Conducting surveys using Survey CTO