

CAREER SUMMARY

A Doctorate Degree in Population Studies and Demography with over a decade of experience in the areas of *Health Systems, Maternal, Neonatal and Child Health* research.

Leadership:

- Lead a team of researcher and program managers
- Grant and research management
- Represented organisation in national and international forum

Research and academic programs:

- Conducting research studies (Implementation, Operation and Evaluation), which involved conceptualisation, designing and execution.
- Conceptualising and building framework and tools to assess the level of functioning of community platforms, quality of care.
- Close to 40 publications in peer reviewed journals
- Faculty for course in Demography, supervised PhD candidates

Engaging with health system & advocacy:

- Experience in working with central and state level government stakeholders for uptake of project findings; develop joint program agenda; provided technical assistance
- Conceptualising and developing of advocacy materials like policy briefs, press release, short film and newsletters.

Collaboration and networks:

- Building networks and partnerships with various bilateral, multilateral donors.
- Collaboration with leading academic institutions in UK and USA and civil society organisations in Global South.

EDUCATION

- **Wellcome Trust Research Fellow** at Department of Public Health, University of Oxford 2012-13.
- **Ph.D. in Population Studies** from Jawaharlal Nehru University, New Delhi. 2004.
- **M. Phil** with specialisation in **Population Studies** from Jawaharlal Nehru University, New Delhi, 1997-1999.
- **M. A in Geography** with specialisation in Population Studies from Jawaharlal Nehru University, New Delhi, 1995-1997.

PROFESSIONAL EXPERIENCE

Period	Organisation	Designation
April 2023-Present	Independent Consultant	Senior Public Health Consultant
April 2025- Present	Council for Social Development	Visiting Fellow
August 2007- September 2022	Public Health Foundation of India	Senior Public Health Specialist & Adjunct Faculty
January 2018- September 2021	Child and Community Health Unit, UNICEF (HQ)	Consultant, Community Health-Community of Practice
August 2004 - July 2007	Centre for Social Research	Senior Research Associate
2001- 2004	Independent Consultant	Research Associate
1997- 2004	Jawaharlal Nehru University	Junior / Senior Research Fellow

Work Experience

April 2023-Present Senior Public Health Consultant

Investigator for the study on “One Health Antimicrobial Stewardship for Informal Health Systems’ (OASIS)” funded by a grant under the *Trinity Challenge Award*, November 2024-October 2027.

January 2018- September 2021 Lead Consultant- Community Health- Community of Practice Child and Community Health Unit- UNICEF (HQ)

Lead facilitator for an international team managing the Community of Practice on Community Health (CH- CoP). Some of the key responsibilities include:

- Maintain and sustain the balanced composition of the CH-CoP by facilitating a group of leaders who are committed to making contributions in community health from the Global South
- Facilitate cross-country knowledge exchange for strengthening community health system within PHC.
- Increase interactions between country experts and create a sense of shared ownership, value gain and acknowledgement of contribution
- Produce knowledge products, which tap the force of the CoP aligning with the global and country level progress in the field of community health.

Contributed towards Child and Community Health Unit’s knowledge products, part of team organising international conference on community health.

August 2007 – September 2022 Sr. Public Health Specialist & Adjunct Faculty Public Health Foundation of India (PHFI)

Research

- Co-PI from PHFI for study “A multi-stakeholder approach towards operationalising antibiotic stewardship in India’s pluralistic rural health system” collaborating with *LSHTM*, funded by *Medical Research Council*, UK, 2018-2022.
- PI for evaluation research on “Process Assessment of National Government Maternity Transfer Program -Pradhan Mantri Vandana Yojana (PMMVY) funded by *UNICEF-India*, 2021- 22
- PI from PHFI for RCT on “Community intervention to improve growth among children under-2 in rural India”, collaborating with University College of London and Ekjut., funded by *Wellcome trust*, *Medical Research Council* & *DFID*, 2012-19
- PI from PHFI for the Measurement Learning and Evaluation grant on “Informed Decisions for Actions to improve Maternal and New born Health” collaborating with *LSHTM*, funded by *Bill and Melinda Gates Foundation*, 2012-18
- PI from PHFI for the study on “Strengthening People-Centered Accessibility, Respect, and Quality (SPARQ)”, collaborating with University of California- San Francisco, funded by *Bill and Melinda Gates foundation* & *Packard Foundation*, 2015-17.
- PI for the Study “User’s Perspective to Improve Quality in Maternal health care: Development of Maternal Satisfaction Scale for Secondary Level of care”, funded by PHFI- *Wellcome Trust*, 2013-14.

- PI for the study on “Women’s perception of quality and satisfaction with maternal health services” which is supported by *United States Agency for International Development (USAID)*, 2011-12.
- PI for Maternal and Child Health Sustainable Technical Assistance and Research (MCH-STAR) initiative, funded by *United States Agency for International Development (USAID)*, 2007-2012
- Co-PI for the project on “Roadmap for achieving quality care for all institutional births in India”, funded by *Maternal Health Task Force*, 2011-12.
- Co-PI for “Evaluation of child health interventions” as part of Norway India Initiative program, collaborating with University of Oslo, funded by *Norwegian Embassy*, 2009-12.
- Co-Researcher for the study on developing case studies on “Innovations in maternal and newborn health in India”, funded by *Mac Arthur Foundation*, 2010-12.
- Co- PI for the study on “Migration of Health Professionals”, commissioned by *European Union*, 2008-11.

Academic

- Lead faculty for the course on Demography at the Indian Institutes of Public Health (2008-09)
- Co-designing the Maternal and Child health (MCH) track for the MPH program.
- Liaison with state universities for joint MPH programs
- Supervisor PhD student working on maternal and child health issues in India.

Organising National and International Consultations

- Part of the core team in organising the 1st Global Maternal Health Conference, jointly with MHTF, August 2010.
- Co-hosted a panel discussion on Maternal Health on "Addressing Management issues in delivering Maternal Health Services and New Born Care" involving national stakeholders and experts in MNCHN with USAID, Delhi December 2008

2004 - 2007 – Worked as Senior Research Associate in Centre for Social Research.

Centre for Social Research is one of the leading women's NGOs in India working in the field of social action since 1983. The institution work towards gender-based research, violence against women, development, gender sensitisation training, capacity building, advocacy, and political empowerment of women.

Research:

- Female Foeticide “Meri Shakti Meri Beti”- Save the Girl Child. Supported by *Ministry of Health and Family Welfare*
- Study on “Impact of Trade and Globalisation on Gender in India: Women Workers in Fisheries Sector” supported by *UNCTAD*
- Study on A Study on “Child Marriage in India- Situational Analysis in Three States”, supported by *NIPCCD*.
- Study on “Participation of Women in Panchayati Raj Institutions: In the states of Gujarat and Himachal Pradesh”, supported by *NCW*
- Study on “Section 498A IPC: Used or Misused?”, supported by *USAID / IFES*
- “Assessment of Gender Sensitization in Police Training: A Four-State Study” supported by *USAID / IFES*

Advocacy activities:

- Prepared Annual Report and Newsletter of CSR
- Coordinated the production of a 10 minute advocacy film on Dowry.
- Advocacy Handout on “Stop Violence from Womb to Tomb”.
- Organized National level seminars

2001- 2004: Independent Consultant.

Key Assignments during this period are:

- IDPAD funded project on “Public Private Partnership in Health Care for the poor” in Faculty of Management Studies, Delhi University.
- The Policy Project sponsored by *Futures Group International /USAID*, entitled “Prevention of HIV / AIDS in Uttar Pradesh”.
- *DFID* funded project: “India Country Report on Internal Migration”.
- Lecturer in Department of Geography, Saheed Bhagat Singh College, University of Delhi in academic session 2003-04

1997- 2004: Junior/Senior Research Fellow-Jawaharlal Nehru University, New Delhi

- Involved in data collection, analysis and report preparation of research projects of the Centre.
- Assisting in teaching and guiding research scholars in statistical analysis and preparing their dissertations.
- Prepared research articles and presented papers in national and international conferences and published them in scientific journals.

BIBLIOGRAPHY

Chapters in Book

1. Srivastava A, **Bhattacharyya S**, Avan B. "Positioning Quality in Health services: A Case Study of Maternal and Child Health Programs in India" In "The Road to Universal Health Coverage: Issues and Challenges", Orient Longman Ltd, New Delhi 2014.
2. **Bhattacharyya, S**, Arora, R. Quality Initiatives in Health Care Services: Quality Assurance Programmes (QAPs) in Public Health Facilities. In: Satia, J, Misra, M, Arora, R, Neogi, S, editors. Innovations in Maternal Health - Case studies from India. New Delhi, India: SAGE Publications Pvt. Ltd 2013. p.89-120.
3. **Bhattacharyya, S**, Arora, R. Family Planning: Promoting Change in Reproductive Behaviour: PRACHAR. In: Satia, J, Misra, M, Arora, R, Neogi, S, editors. Innovations in Maternal Health - Case studies from India. New Delhi, India: SAGE Publications Pvt. Ltd 2013. p.175-90.

Peer- Reviewed Journals

1. **Bhattacharyya, S.**, Choudhury, C., Mohanty, S., & Kaushik, U (2024). *Design, coverage, and utilisation of maternity conditional cash transfers in low- and middle-income countries: A scoping review*. *BMJ Global Health* 0:e012890
2. Ebata, A., Gautham, M., Jung, A. S., Hennessey, M., & **Bhattacharyya, S.** (2025). Understanding the complex knowledge economy toward antimicrobial stewardship in West Bengal, India. *SSM - Health Systems*, 4, 1–12.
3. Gautham, M., **Bhattacharyya, S.**, Maity, S., et al. (2024). “Just as curry is needed to eat rice, antibiotics are needed to cure fever”—A qualitative study of individual, community, and health system-level influences on community antibiotic practices in rural West Bengal, India. *BMJ Open*, 14(2), e0204607.
4. Gilmore, B., Gerlach, N., Abreu Lopes, C., Diallo, A., **Bhattacharyya, S.**, de Claro, V., Ndejjo, R., Nyamupachitu Mago, E., & Tchetchia, A. (2022). Community engagement to support COVID-19 vaccine uptake: A living systematic review protocol. *BMJ Open*, 12, e003188.
5. Dada, S., De Brun, A., Banda, E. N., **Bhattacharya, S.**, Mutunga, Z., & Gilmore, B. (2022). A realist review protocol on communications for community engagement in maternal and newborn health programmes in low- and middle-income countries. *Systematic Reviews*, 11(1), 201.
6. **Bhattacharyya, S.**, Issac, A., Girase, B., Guha, M., Schellenberg, J., & Avan, B. I. (2020). “There is no link between resource allocation and use of local data”: A qualitative study of

- district-based health decision-making in West Bengal, India. *International Journal of Environmental Research and Public Health*, 17, 8283.
7. Gilmore, B., Ndejjo, R., Tchetchia, A., Claro, V., Nyamupachitu, E. M., Diallo, A., Lopes, C. A., & **Bhattacharyya, S.** (2020). Community engagement for COVID-19 prevention and control: A rapid evidence synthesis. *BMJ Global Health*, 5, e003188.
 8. Meessen, B., Akhnif, E. L. H., Kiendrébégo, J. A., ... **Bhattacharyya, S.**, & van Heteren, G. (2019). Learning for universal health coverage. *BMJ Global Health*, 4, e002059.
 9. **Bhattacharyya, S.**, Srivastava, A., Saxena, M., Gogoi, M., Dwivedi, P., & Giessler, K. (2018). Do women's perspectives of quality of care during childbirth match with those of providers? A qualitative study in Uttar Pradesh, India. *Global Health Action*, 11(1), 1–9.
 10. Saxena, M., Srivastava, A., Dwivedi, P., & **Bhattacharyya, S.** (2018). Is quality of care during childbirth consistent from admission to discharge? A qualitative study of delivery care in Uttar Pradesh, India. *PLoS ONE*, 13(9), e0204607.
 11. Nair, N., Tripathy, P., ... **Bhattacharyya, S.**, Prost, A., et al. (2017). Effect of participatory women's groups and counseling through home visits on children's linear growth in rural eastern India (CARING trial): A cluster-randomised controlled trial. *The Lancet Global Health*, 5, e1004–e1016.
 12. Srivastava, A., Singh, S., Montagu, D., & **Bhattacharyya, S.** (2017). Putting women at the center: A review of Indian policy to address person-centered care in maternal and newborn health, family planning, and abortion. *BMC Public Health*, 18(1), 20.
 13. Sudhinaraset, M., Afulani, P., Diamond-Smith, N., **Bhattacharyya, S.**, Donnay, F., & Montagu, D. (2017). Advancing a conceptual model to improve maternal health quality: The Person-Centered Care Framework for Reproductive Health Equity. *Gates Open Research*, 1, 1. <https://doi.org/10.12688/gatesopenres.12756.1>
 14. **Bhattacharyya, S.**, Berhana, D., Nolawi, T., Srivastava, S., Wickremasinghe, D., Schellenberg, J., & Avan, B. (2016). District decision-making for health in low-income settings: A case study of the potential of public and private sector data in India and Ethiopia. *Health Policy and Planning*, 31(Suppl 2), ii25–ii34.
 15. Issac, A., Chatterjee, S., Srivastava, A., & **Bhattacharyya, S.** (2016). Out-of-pocket expenditure to deliver at public health facilities in India: A cross-sectional analysis. *Reproductive Health*, 13, 99.
 16. **Bhattacharyya, S.**, Srivastava, A., Roy, R., & Avan, B. I. (2016). Factors influencing women's preference for health facility deliveries in India: A cross-sectional analysis. *BMC Pregnancy and Childbirth*, 16, 50.
 17. Srivastava, A., **Bhattacharyya, S.**, Gautham, M., Schellenberg, J., & Avan, B. I. (2016). Linkages between public and non-government sectors in healthcare: A case study from Uttar Pradesh, India. *Global Public Health*, 11(10-11), 1363–1377.
 18. Srivastava, A., Gope, R., Nair, N., Rath, S., & **Bhattacharyya, S.** (2016). Are village health sanitation and nutrition committees fulfilling their roles for decentralized health planning and action? A mixed methods study from rural eastern India. *BMC Public Health*, 16, 59.
 19. Skordis-Worrall, J., Sinha, R., Ojha, A. K., Sarangi, S., Nair, N., Tripathy, P., **Bhattacharyya, S.**, & Haghparast-Bidgoli, H. (2016). Protocol for the economic evaluation of a community-based intervention to improve growth among children under two in rural India (CARING trial). *BMJ Open*, 6, e010325.
 20. Nair, N., Tripathy, P., ... **Bhattacharyya, S.**, Prost, A., et al. (2015). Participatory women's groups and counselling through home visits to improve child growth in rural eastern India: Protocol for a cluster randomised controlled trial. *BMC Public Health*, 15, 384.
 21. **Bhattacharyya, S.**, Issac, A., Rajbangshi, P., & Srivastava, A. (2015). "Neither we are satisfied nor they": Users' and providers' perspectives—a qualitative study of maternity care in secondary-level public facilities, Uttar Pradesh, India. *BMC Health Services Research*, 15, 421.
 22. Srivastava, A., Avan, B. I., Rajbangshi, P., & **Bhattacharyya, S.** (2015). Determinants of women's satisfaction with maternal health care: A review of literature from developing countries. *BMC Pregnancy and Childbirth*, 15, 97.

23. Gautham, M., Spicer, N., Srivastava, A., **Bhattacharyya, S.**, Avan, B., & Schellenberg, J. (2016). A qualitative study in Uttar Pradesh, India, on engaging the private sector in health-related data sharing. *Health Policy and Planning*, 31(Suppl 2), ii35–ii46.
24. Sharma, R., Webster, P., & **Bhattacharyya, S.** (2015). Selection process of community health workers: A qualitative study from a multi-stakeholder perspective in Rajasthan, India. *International Journal of Current Research*, 7(11), 23187–231993.
25. **Bhattacharyya, S.**, Srivastava, A., & Knight, M. (2014). Developing a framework to review near-miss maternal morbidity in India: A structured review and key stakeholder analysis. *BMC Health Services Research*, 14, 1–9.
26. Sharma, R., Webster, P., & **Bhattacharyya, S.** (2014). Factors affecting the performance of community health workers in India: A multi-stakeholder perspective. *Global Health Action*, 7, 25352.
27. Srivastava, A., **Bhattacharyya, S.**, Clar, C., & Avan, B. (2014). Evolution of quality in maternal health in India: Lessons and priorities. *International Journal of Medicine and Public Health*, 4(1), 23–30.
28. **Bhattacharyya, S.**, Srivastava, A., & Avan, B. (2013). Delivery should happen soon and my pain will be reduced: Understanding women's perception of good delivery care in India. *Global Health Action*, 6, 1–9.
29. **Bhattacharyya, S.**, Srivastava, A., Avan, B., & Graham, W. (2012). Quality care at childbirth in the context of the Health Sector Reform Program in India: Contributing factors, challenges, and implementation lessons. *Journal of Health Systems and Policy Research*, 1, 1–12.
30. **Bhattacharyya, S.**, Hazarika, I., & Nair, H. (2011). Migration of health professionals from India: Tracking the flow. *Asia Europe Journal*, 8(4), 499–514.
31. **Bhattacharyya, S.**, & Korniek, K. (2007). Internal migration of women & development in India: A case study of a vulnerable group. *Asia Pacific Migration Journal*, 16(4), 511–531.
32. **Bhattacharyya, S.**, & Birla, B. (2006). Impact of globalization on the elderly: Issues and implications. *Journal of Gerontology*, 20(3), 273–284.
33. **Bhattacharyya, S.** (2004). Population development and environment: Indian metropolitan scenario. *Geographical Review of India*, 66(4), 371–380.
34. Srivastava, A., & **Bhattacharyya, S.** (2004). Suicide in India: Trends and regional patterns. *Population Geography*, 26(1&2), 39–48.
35. Srivastava, R., & **Bhattacharyya, S.** (2003). Globalization, reforms, and labour mobility: Analysis of recent Indian trends. *Labour and Development*, 9(2), 31–55.
36. **Bhattacharyya, S.** (2003). The economic migration of females in India: A regional analysis. *Geographical Review of India*, 65(1), 85–92.
37. **Bhattacharyya, S.** (2002). Work patterns of migrants in India. *Geographical Review of India*, 64(1), 40–50.
38. Srivastava, A., & **Bhattacharyya, S.** (2000). Profile of aged population in India. *Population Geography*, 22(1&2), 45–54.

Non- Referred publication:

Reports

1. Avan B, Schallenberg, J, Issac, A, **Bhattacharyya, S.** Data informed platform for Health. Monitoring reports. 2017. London school of Hygiene and Tropical Medicine and Public Health Foundation of India
2. Avan, B, **Bhattacharyya, S.**, Srivastava, A: Implementation pathway: A new technique to conduct process evaluation of interventions. 2014 London School of Hygiene and Tropical Medicine and PHFI
3. **Bhattacharyya, S.**, Knight, M: Operational guideline to assess Maternal Near miss for Quality Improvement Programs in India, 2013. PHFI and Department of Public Health, University of Oxford.

4. Avan. B, Gautham. M, Srivastava. A, **Bhattacharyya. S**: Engaging the public & private health sectors in data sharing. Uttar Pradesh, India 2013: London School of Hygiene and Tropical Medicine and PHFI
5. Avan. B, Gautham. M, **Bhattacharyya. S**, Srivastava. A: Data Informed Platform for Health, Feasibility Study, Uttar Pradesh, 2012 : London School of Hygiene and Tropical Medicine and PHFI
6. **Bhattacharyya. S**, Srivastava. A, Avan. B, Victor. O: Women's perception of quality and determinants with care with maternal health services, a qualitative study, 2012. PHFI, London School of Hygiene and Tropical Medicine and University of Aberdeen
7. Srivastava. A, Papia. R, **Bhattacharyya. S**, Avan. B, Victor. O: Women's satisfaction with maternal health services in developing countries: methods and determinants. 2012. PHFI, London School of Hygiene and Tropical Medicine and University of Aberdeen
8. **Bhattacharyya. S**, Victor. O, Avan. B, Roy. R, Srivastava. A: Women's Level of Satisfaction with Maternal Health Services: Jharkhand, India. 2012. PHFI, London School of Hygiene and Tropical Medicine and University of Aberdeen
9. Varghese. B, A. Srivastava, **S. Bhattacharyya**, et al.: Embedding Quality in to Institutional Births in India: Developing a tool for self assessment and monitoring. 2011. PHFI and University of Aberdeen.
10. Varghese. B, **S. Bhattacharyya**, R. Roy. et.al.: Evaluation report- Assessing and supporting Norway- India partnership interventions. 2011. PHFI and University of Oslo.
11. Hazarika. I, **S. Bhattacharyya. A.**, Srivastava. : Migration of Health Professionals. 2011. PHFI.
12. Clar C, Avan B, Srivastava. A ,Panda R, **Bhattacharyya. S** : Evolution of the concept of quality of care with respect to clean delivery in health systems in high, middle and low income- Systematic Review . 2010. PHFI and University of Aberdeen.
13. D'Ambruoso. L, George. S, **Bhattacharyya. S**, Panda R, Avan B: Identifying, success, challenges and future need to improve quality of care in maternal and new born health in India: A stakeholder study. 2010. PHFI and University of Aberdeen

Policy Briefs:

1. Avan. B, **Bhattacharyya. S**, Williams. R. Data Informed Platform for Health., Meeting the challenge of local decision-making for Maternal and Newborn Health in West Bengal, 2017
2. Singh. D, Srivastava. S, **Bhattacharyya. B**. Quality of Care in Maternal Health, Neonatal Health, Family Planning, and Abortion services in Urban India. New Delhi. 2016
3. **Bhattacharyya S**, Wickremasinghe D, Srivastava A, Gautham M, Avan B. A content analysis of district level health data in Uttar Pradesh, India. Research Brief. London: London School of Hygiene and Tropical Medicine and Public Health Foundation of India; 2014.
4. **Bhattacharyya S**, Srivastava A, Avan B, Ogala V, Roy R. Study Overview: Women's perception of quality and satisfaction with maternal health services. New Delhi: MCH-STAR and PHFI; 2012.
5. Avan B, **Bhattacharyya S**, Srivastava A. Maternal Satisfaction Assessment Scale (MSA-Scale). New Delhi: MCH-STAR and PHFI; 2012.
6. Srivastava A, **Bhattacharyya S**, Avan B, Roy R, Ogala V. Beyond JSY: Making public health facilities more attractive places for childbirth. New Delhi: MCH-STAR and PHFI; 2012.
7. Srivastava A, **Bhattacharyya S**, Avan B. Beyond JSY: Understanding what Indian women want from maternal health services. Summary of key findings and recommendations. New Delhi: MCH-STAR and PHFI; 2012.
8. Panda R, **Bhattacharyya. S**, Srivastava. A, Avan B, Graham. W : Evolution of quality improvement for maternal and newborn care in India: lessons for policy. Policy Note. University of Aberdeen and PHFI, 2010.
9. Clar C, Avan B, Panda R, **Bhattacharyya. S**, Srivastava. A, Graham. W : Quality care at birth: An international comparative review of the evolution of quality systems. Impact, University of Aberdeen and PHFI, 2010.

10. D'Ambruoso. L, Panda R, **Bhattacharyya. S**, George. S, Avan B: Policy and planning perspectives to quality care for mothers and newborns in India: a stakeholder study, Impact, University of Aberdeen and PHFI, 2010.
11. Panda R, Cumming. A, **Bhattacharyya. S**, Avan B, Srivastava. A, Graham. W: Evolution of quality improvement for maternal and newborn care in India: lessons for policy, Impact, University of Aberdeen and PHFI, 2010.
12. Srivastava. A, **Bhattacharyya. S**, Avan B, Graham. W: Quality Care for Mothers and Newborns in India: Priority Gaps and the Road Ahead. Policy Brief, Impact, University of Aberdeen and PHFI, 2010.

TRAININGS RECEIVED

1. Proposal writing
2. Performance Improvement (PI)
3. Monitoring and Evaluation
4. Qualitative and Quantitative data analysis
5. Leadership development program.

ACADEMIC ACCOMPLISHMENT

1. Passed the National Eligibility Test for Lectureship and recipient of the **Senior Research Fellowship** awarded by the University Grants Commission, India.
2. **Fellowship** from the **Johns Hopkins INFO Project** to attend the 38th Summer Seminar on "Convening research to policy makers" at the East West Center, Honolulu, Hawaii in May, 2007.

INFORMATION TECHNOLOGY EXPERTISE

Proficient in MS-office, SPSS, Atlas-Ti

Competent in using internet searches and online demographic and health databases.

LANGUAGES KNOWN: English, Hindi and Bengali