

Saswata Ghosh, PhD

Associate Professor

Institute of Development Studies Kolkata (IDSK)

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ORCID ID: 0000-0001-9337-683X

<https://scholar.google.com/citations?user=P201JGkAAAAJ&hl=en>

Email: ghosh.saswata@gmail.com

Mobile: 9674517940 / 9432179955

EDUCATIONAL QUALIFICATIONS (In Reverse Chronological Order)

- Ph.D. in Population Studies from Jawaharlal Nehru University, New Delhi, India in 2006.
Title: "*Modelling Mortality Patterns in India –A Study in Regional Variations*".
- M.Phil. in Population Studies from Jawaharlal Nehru University, New Delhi in 2002.
Title: "*Demographic and Socio-economic Correlates of Under-five Mortality in Rural Uttar Pradesh: A Regional Modelling Perspective*".
- Master of Population Studies (M.P.S.) from International Institute for Population Sciences (IIPS), Deonar, Mumbai-400 088 in 1998-99 with Grade-A (67 percent) (Specialization in *Actuarial Statistics and Demographic Models*).
- M.Sc. in Mathematics from Jadavpur University, Kolkata in 1997 with First-Class (66 percent) (Specialization in *Mathematical Modelling of Ecological and Environmental Systems*).

FELLOWSHIPS/AWARDS/HONOUR RECEIVED

- Sir Ratan Tata Post-Doctoral Fellowship from Asia Research Centre (ARC), London School of Economics & Political Science (LSE) in 2014-2015.
- International Fellowship for Young Biomedical Scientists – 2012-2013 from Indian Council of Medical Research (ICMR).
- Senior Research Fellowship (SRF) from ICMR in 2005.
- Government of India fellowship while pursuing Master of Population Studies during 1998-99.

MEMBERSHIP IN PROFESSIONAL ORGANIZATION / ADMINISTRATIVE BODIES / JOURNAL EDITORIAL BOARD

- Member, International Advisory Board, Asian Population Studies published by Asian Population Association (Routledge; Taylor & Francis).
- Member, Technical Resource Group (TRG), ICMR-NICED Project on Mortality Surveillance due to HIV/AIDS (Funded by WHO, India Country Office, New Delhi).
- International Union for the Scientific Study of Population (IUSSP)
- Asian Population Association (APA)
- Ex-Member of Governing Council of the Institute of Development Studies (IDSK)
- Ex-Member of Governing Body of the Institute of Development Studies Kolkata (IDSK)

VISITING FELLOW

- Asia Research Centre (ARC) of London School of Economics and Political Science (LSE) from August 1, 2014 to March 31, 2015.
- Bangladesh Institute of Development Studies (BIDS) from March 8, 2013 to May 7, 2013.

INTERNATIONAL ASSIGNMENT

- Worked as Senior Analyst in Qatar Statistics Authority (QSA), Doha from February 2009 to August 2009 and contributed in developing framework of Demographic, Social and Statistical analysis, suggest improvement in data collection system and quality assessment, train manpower for data handling etc.

LIST OF PUBLICATIONS

BOOK

- Chattopadhyay, A. and S. Ghosh (Eds.) (2020). *Population Dynamics in Eastern India and Bangladesh: Demography, Health and Developmental Issues*. Springer Nature: Singapore. ISBN: 978-981-15-3044-9; ISBN 978-981-15-3045-6 (eBook) (<https://link.springer.com/book/10.1007/978-981-15-3045-6>); (<http://sticerd.lse.ac.uk/india/publications/default.asp>); (<http://library.mit.edu/F/53S6CME6ADM9GMI4DY2UED1HFUDGGQEGQ7IXRX4RC14PINE3NY-07456?func=direct&=&=&=&=&=&1%5Fbase=MIT01PUB&doc%5Fnumber=003179671>)

CHAPTERS IN EDITED VOLUME

1. Ghosh, S., S.K. Sharma, and D. Roy Choudhury (2022). "Explaining Cross-region Disparities in Childhood Stunting in India". In Bagli, S., G. Chakrabarti, and P. Guha (Eds.) *Persistent and Emerging Challenges to Development*. India Studies in Business and Economics. Springer Nature: Singapore. https://doi.org/10.1007/978-981-16-4181-7_7.
2. Ghosh, S., and G. Chakraborty (2020). "Demographic Trend in Western Bengal: 1881-1951". In Bhattacharya, Sabyasachi (Ed.) *Comprehensive History of Modern Bengal 1700-1950 (Volume 2)* (Sponsored by the Asiatic Society, Kolkata): Primus Books, ISBN 13: 9789389901955: 557-602.
3. Chattopadhyay, A., M. Ambade and S. Ghosh (2020). "The Tale of Greater Bengal: People, Polity and Progress". In Chattopadhyay, A. and S. Ghosh (Eds.) (2020). *Population Dynamics in Eastern India and Bangladesh: Demography, Health and Developmental Issues*. Springer Nature: Singapore. ISBN: 978-981-15-3044-9; ISBN 978-981-15-3045-6 (eBook): 3-27.
4. Ghosh, S. and N. Ghosh (2020). "Son Preference and Hindu-Muslim Fertility Differentials in 'ultra-low' Fertility Situation in Kolkata, India". In Chattopadhyay, A. and S. Ghosh (Eds.) (2020). *Population Dynamics in Eastern India and Bangladesh: Demography, Health and Developmental Issues*. Springer

Nature: Singapore.ISBN:978-981-15-3044-9; ISBN 978-981-15-3045-6 (eBook): 163-182.

5. Ghosh, S. S.K. Sharma, N. Das and A. Chattopadhyay(2020). "Religion, Son Preference andContraceptive Method-mix among Bengalis: A long view". In Chattopadhyay, A. and S. Ghosh (Eds.) (2020). *Population Dynamics in Eastern India and Bangladesh: Demography, Health and Developmental Issues*.Springer Nature: Singapore.ISBN:978-981-15-3044-9; ISBN 978-981-15-3045-6 (eBook): 183-207

INTERNATIONAL PUBLICATIONS IN PEER REVIEWED JOURNALS (In Reverse Chronological Order)

6. Rahaman, M., S. Sen, J. Rana, and S. Ghosh (2021). "Is consanguineous marriage related to intimate partner violence in India? Evidence from the National Family Health Survey, 2015-16", *Journal of Biosocial Science published online on 2nd December, 2021*.
7. Das, K. and S. Ghosh(2021). "Rural-urban fertility convergence, differential stopping behaviour and contraceptive-method-mix in West Bengal, India: A Spatiotemporal analysis", *Journal of Family History*, 46(2): 211-235.
8. Kalam, M.A., S.K. Sharma, S. Ghosh and S. Ray (2020). "Change in the prevalence and determinants of consanguineous marriages in India between National Family Health Surveys of 1992-93 and 2015-2016", *Human Biology*, 92 (2): 23-43.
9. Ghosh, S., S.K. Sharma and D. Bhattacharya(2020). "Disparities in Childhood Stunting in an Underdeveloped State in India: An Investigation Applying Unconditional Quantile Regression Method" in *BMC Public Health*: 20 1549: 1-21.
10. Sharma, S.K., M.A. Kalam, S. Ghosh and S. Ray (2020). "Prevalence and Determinants of Consanguineous Marriage and its Types in India: Evidences from National Family Health Survey, 2015-16", *Journal of Biosocial Science*, published online on July 9, 2020: 1-11.
11. Husain, Z; P. Das and S. Ghosh (2020). "Fertility Behaviour in Linguistic Zones: Revisiting Diffusion Hypothesis in Greater Bengal", *Asian Population Studies*, 16 (1): 34-60.
12. Chakraborty, S., S. Ghosh and S. Chowdhury (2018). "Urbanization among Muslim Community in India – A Metaphor of Development? Evidence from West Bengal and Kerala", *Journal of Muslim Minority Affairs*, 38(1): 1-16.
13. Ghosh, S. and A. Chattopadhyay (2017). "Religion, Contraceptive Method Mix and Son Preference among Bengali-Speaking Community in the Indian Subcontinent", *Population Research and Policy Review*, 36(6): 929-959.
14. Ghosh, S. andMd. Z. Siddique (2017). "Role of Community and Context in Contraceptive Behaviour in Rural West Bengal, India: A Multilevel Multinomial Approach". *Journal of Biosocial Science*, 49 (1): 48-68DOI: 10.1017/S0021932016000080.
15. Ghosh, S. (2016). "Second Demographic Transition or Aspirations in Transition: An exploratory Analysis of Lowest-Low Fertility in Kolkata, India", *AsianPopulation Studies*, 13(1): 1-25, DOI: 10.1080/17441730.2016.1203211
16. Ghosh, S., S. Mukhopadhyay and A. Barik (2016). "Sex Differences in the Risk Profile of Hypertension: A Cross-sectional Study", *BMJ Open*, 6: e010085/ doi:10.1136/bmjopen-2015-010085

17. Ghosh, S. and S. Begum (2015). "Influence of Son Preference on Contraceptive Method Mix: Evidences from 'Two Bengals'", *Asian Population Studies*, 11(3): 296-311, DOI:10.1080/17441730.2015.1093749.
18. Ghosh, S., Md. Z. Siddique, A. Barik and S. Bhaumik (2015), "Determinants of Skilled Delivery Assistance in a Rural Population: Findings from a HDSS Site of Rural West Bengal", *Maternal and Child Health Journal*, 19(11): 2470-2479, DOI 10.1007/s10995-015-1768-0.
19. Ghosh, S., A. Barik, S. Majumder et al. (2015). "Profile: Birbhum Population Project (Birbhum HDSS)", *International Journal of Epidemiology*, 44(1): 98-107, DOI: 10.1093/ije/dyu228.
20. Husain, Z., S. Ghosh and M. Dutta (2013). "'Ultramodern Contraception' Re-examined: Cultural Dissent, or Son Preference?", *Asian Population Studies*, 9 (3): 280-300, DOI: 10.1080/17441730.2013.816480.
21. Ghosh, S. and S. Bose (2012). "Morbidity among Urban Children in India: A Distinction between Slum and Non-slum Areas", *InternationalesAsienforum*, 43(1-2): 47-59.
22. Ghosh, S. and B. K. Das (2011). "Exploring Demographic and Socioeconomic Factors Influencing Utilization of ICDS Service", *Asia Pacific Population Journal*, 26(1): 11-38.
23. Husain, Z. and S. Ghosh (2011). "Is Health Status of Elderly Worsening in India? A Comparison of Successive Rounds of National Sample Survey Data", *Journal of Biosocial Science*, 43(2): 211-231.
24. Ghosh, S. and Z. Husain (2010). "Economic Independence, Family Support and Perceived Health Status of the Elderly: Recent Evidence from India", *Asia Pacific Population Journal*, 25(1): 47-77.
25. Ghosh, S. (2009). "Exploring Socioeconomic Vulnerabilities of Anaemia among Women of Eastern Indian States", *Journal of Biosocial Science*, 41(6): 763-787.
26. Husain, Z., S. Ghosh and B. Roy (2009). "'Top-heavy' systems and quality of health care: A survey of select departments in R.G. Kar Medical College and Hospital", India, *Social Medicine*, 4(2): 90-97.
27. Ghosh, S. (2006). "Indoor Air Pollution in India and Baby's Size at Birth: Is There a Link?", *World Health and Population*, 8(4): 34-50.
28. Ghosh, S. (2005). "Does Economic Inequality Matter in Cases of Infectious Childhood Diseases? – An Analysis for India", *Asia Pacific Population Journal*, 20(1): 37-62.
29. Ghosh, S. and P.M. Kulkarni (2004). "Does the Pattern of Causes of Death vary Across Socioeconomic Classes within a Population? – An Exploratory Analysis for India", *Genus*, LX(2): 55-81.
30. Ghosh, S. and R. Chellan (2004). "Spatial, Demographic and Socio-economic Correlates of Treatment-seeking Behaviour during Common Childhood Illnesses: A Case of India". *Journal of Population*, 10(1): 53-76.
31. Ghosh, S. (2003). "Demographic and Socioeconomic Correlates of Neonatal, Post-neonatal and Childhood Mortality in Uttar Pradesh, India: A Study Based on NFHS-2 Data". *Journal of Health and Population in Developing Countries*, Dec 6, 2003.

PUBLICATIONS IN NATIONAL PEER-REVIEWED JOURNALS (In Reverse Chronological Order)

32. Husain, Z., A.K. Das and S. Ghosh (2021). "Did the National lockdown lock COVID-19 down in India, and reduce pressure on health infrastructure?", *Economic and Political Weekly*, LVI (39): 36-42.
33. Ghosh, S., A.K. Das, and A. Yadav (2021). "Optimum Testing Strategy for COVID-19 and Its Effect on Health Expenditure in India: An Experience of the Initial 155 Days of the Pandemic", *The Indian Economic Journal* published online on 13th January, 2021, 1-13.
34. Chakraborty, M., and S. Ghosh (2020). "Factors Influencing the Nutritional Status among Children of 6 to 11 years of Age: A Case Study from an Indian Megacity". *Journal of Health Management*, 22(1): 78-95.
35. Ghosh, S., and V.R. Keshri(2020). "Women's Education and Fertility in the Hindi-Heartland". *Economic and Political Weekly*, LV (12): 54-57.
36. Ghosh, S. and Z. Husain (2019). "Has National Rural Health Mission Improved Utilization of Maternal Health Care in Bihar?", *Economic and Political Weekly*, LIV (51): 44-51.
37. Chakraborty, M., and S. Ghosh (2019). "Common Childhood Morbidity and Treatment Seeking Behaviour in an Indian Megacity: A Case Study of North Kolkata", *Journal of Indian Anthropological Society*, 54: 30-50.
38. Das, K, N. Ganguly and S. Ghosh(2018). "Factors Affecting in Maternal Care Utilization in Empowered Action Group (EAG) States of India: Evidences from Annual Health Survey 2012-13, India", *Journal of Indian Anthropological Society*, 53: 161-178.
39. Ghosh, S. (2018). "Hindu-Muslim Fertility Differentials in India: Indirect Estimation at District Level from Census 2011", *Indian Journal of Human Development*, 12 (1): 37-51.
40. Ghosh, S.(2016). "Exploring Post-Sterilization Regret in an Underdeveloped Society of Rural West Bengal, India", *Journal of Indian Anthropological Society*, 51: 96-116.
41. Ghosh, S. (2014) (Published in 2016). "Maternal Deaths in India: Can National Rural Health Mission Make a Difference?" *Indian Journal of Human Development*, 8(2): 25-42.
42. Ghosh, S. (2014). "Exploring Vulnerability of Undernutrition among Wives: Do Husbands' Attributes Matter?", *Journal of Health Management*, 16(3): 423-439.
43. Ghosh, S. (2013). "Spousal Violence among Women and Vulnerability to Sexually Transmitted Infections among Couples in India", *Journal of Family Welfare*, 59(2): 1-18.
44. Ghosh, S. and M.Saha (2013). "Health Communication and Behavioural Change: An Exploratory Study among Marginalized Communities in Rural West Bengal, India", *Journal of Health Management*, 15(3): 307-327.
45. Ghosh, S.(2011). "Socioeconomic Risk Factors of Anemia among Pregnant Women in India", *Demography India*, 40(1): 143-162.
46. Das, B.K. and S. Ghosh(2009). "Correlates of Child Malnutrition and Role of ICDS", *Journal of The Asiatic Society*, LI(4): 53-74
47. Mukherjee, S. and S. Ghosh(2009). "What Determines Success of '100 Days Work' at the Panchayat Level? A Case Study of Birbhum District, West Bengal", *Indian Journal of Labour Economics*, 52(1): 121-137.
48. Ghosh, S.(2008). "Fertility Transition in West Bengal: Revising Basu and Amin's (2000) Diffusion Hypothesis", *Social Change*, 38(1): 110-116.

49. Shekhar, M., S. Ghosh and P. Panda (2007). "Exploring Safe Sex Awareness and Sexual Experiences of School- and College-Going Adolescents in Patna City, Bihar", *Economic and Political Weekly*, 42(48): 56-61.
50. Rani, S., S. Ghosh and M. Sharan (2007). "Maternal Health Care Seeking among Tribal Adolescent Girls in Jharkhand", *Economic and Political Weekly* 42(48): 48-55
51. Kumar, R. and S. Ghosh (2005). "Burden of Diseases, Healthcare Priorities and Role of State in India", *Social Change*, 35(3): 113-119.
52. Ghosh, S. (2004). "Socio-economic Factors Influencing Utilization of Maternal Health Care in Uttar Pradesh: An Analysis from NFHS-2 Data". *Social Change*, 34(4): 61-73.
53. Ghosh, S. and S. K. Mondal (2003). "Health and Unhappiness of Children". *MARGIN*, 35(3): 105-116.

BLOG POST

- *Saas, bahu, and ASHA: Information diffusion in rural Bihar.* At Ideas for India [I4I], International Growth Centre (IGC), directed by University of Oxford and London School of Economic and Political Science. <https://www.ideasforindia.in/topics/human-development/saas-bahu-and-asha-information-diffusion-in-rural-bihar.html>
- *Hindu-Muslim fertility differentials in India: What do district-level estimates from Census 2011 tell us?* At Ideas for India [I4I], International Growth Centre (IGC), directed by University of Oxford and London School of Economic and Political Science. <https://www.ideasforindia.in/topics/human-development/hindu-muslim-fertility-differentials-in-india-what-do-district-level-estimates-from-census-2011-tell-us.html>
- *Has National Health Mission improved utilization of maternal health care in Bihar?* At Ideas for India [I4I], International Growth Centre (IGC), directed by University of Oxford and London School of Economic and Political Science. <https://www.ideasforindia.in/topics/human-development/has-the-national-rural-health-mission-improved-utilisation-of-maternal-healthcare-services-in-bihar.html>

PUBLISHED RESEARCH REPORTS

1. Husain, Z., S. Ghosh and M. Dutta (2021). "Herself and her children: How worse off are they? Impact of COVID-19 in rural Bihar" Kolkata: Presidency University.
Contribution: Being Co-Principal Investigator of the project prepared study design and survey design, contributed in designing the questionnaire preparation, supervising data collection, data analysis and writing the report.
2. Dutta, M., Z. Husain and S. Ghosh (2021). "Can peer and neighbourhood effects improve maternal health outcomes in rural Bihar? Assessing the role of formal and informal networks" Kolkata: Presidency University.
Contribution: Being Co-Principal Investigator of the project prepared study design and survey design, contributed in designing the questionnaire preparation, supervising data collection, data analysis and writing the report.
3. Chakraborty, A., S. Mukherjee, S. Ghosh, and S. Chowdhury (2017). "MGNREGA in West Bengal"

- Contribution:** Being Co-Principal Investigator of the project prepared study design and survey design, contributed in designing the questionnaire preparation, supervising data collection, data analysis and writing the report.
4. **Ghosh, S., M. Mukherjee, K. Das and N. Ganguly** (2017). "Assessing Equity in Maternal and Child Health Outcomes for a Renewed Health System Response: Assam and Odhisa" Kolkata: IDSK.
Contribution: Being Principal Investigator of the project managing every component of the project, contributed in designing the questionnaire preparation, supervising data collection, data analysis and writing the report.
 5. **Ghosh, S., A. Roy and D. Biswas** (2016). "ODF Facilitation, Verification and Certification in Hooghly District" Kolkata: IDSK.
Contribution: Being Team Leader of the project managing every component of the project, contributed in designing the questionnaire preparation, supervising data collection, data analysis and writing the report.
 6. **Ghosh, S., S. Mukherjee, J. Mukherjee and M. Mukherjee** (2016). "ODF Verification Report: Select Gram Panchayats and Villages in Birbhum, Bankura and Purulia" Kolkata: IDSK.
Contribution: Being Team Leader of the project managing every component of the project, contributed in designing the questionnaire preparation, supervising data collection, data analysis and writing the report.
 7. **Ghosh, S., M.Saha and S. DasGupta** (2013). "Improving Health Status of Women and Institutional Delivery of Public Reproductive Health Services in Rural West Bengal (Phase 2)", Kolkata: IDSK. http://idsk.edu.in/wp-content/uploads/2016/05/RLS1_Project-Report.pdf
Contribution: Being Principal Coordinator of the project contributed in designing the project proposal, questionnaire preparation, supervising data collection, data analysis and writing the whole report.
 8. **Ghosh, S., M.Saha and S. DasGupta** (2011). "Improving Health Status of Women and Institutional Delivery of Public Reproductive Health Services in Rural West Bengal", Kolkata: IDSK. http://idsk.edu.in/wp-content/uploads/2016/05/RLS2_Project_Report.pdf
Contribution: Being Principal Coordinator of the project contributed in designing the project proposal, questionnaire preparation, supervising data collection, data analysis and writing the whole report.
 9. **Husain, Z., S. Ghosh and B. Roy** (2008). "Socio-economic Profile of Patients in Kolkata: A Case Study of R.G. Kar Medical College & Hospital and AMRI". <http://idsk.edu.in/wp-content/uploads/2015/07/OP-14.pdf>
Contribution: Being Co-Principal Investigator of the project contributed in designing the project proposal, questionnaire preparation, supervising data collection, data analysis and writing the draft report.
 10. **Santhya, K.G., S. J. Jejeebhoy, and S. Ghosh** (2008). "Early Marriage and Sexual and Reproductive Health Risks: Experiences of Young Women and Men in Andhra Pradesh and Madhya Pradesh, India." New Delhi: Population Council. <http://www.ohchr.org/Documents/Issues/Women/WRGS/ForcedMarriage/NGO/PopulationCouncil22.pdf>
Contribution: Contributed in questionnaire preparation, supervising data collection, data analysis and writing the analytical portions of the report.
 11. **Santhya, K.G., S. J. Jejeebhoy, S. Ghosh et al.** (2007). "Addressing the Sexual and Reproductive Health Needs of Young People: Perspectives and Experiences of Stakeholders from the Health and Non-health Sectors." New Delhi: Population

Council. Cited at:
<https://www.guttmacher.org/about/journals/ipsrh/2010/09/associations-between-early-marriage-and-young-womens-marital-and>
Contribution: Contributed in questionnaire preparation, supervising data collection, data analysis and writing the analytical portions of the report.

UNPUBLISHED PAPERS IN CONFERENCE PROCEEDINGS (In Reverse Chronological Order)

1. Acharya, R. and S. Ghosh (2006). "Estimating Age at First Sex: Methodological Issues", presented in **International Conference on Emerging Population Issues in Asia-Pacific Region: Challenges for the 21st Century**, IIPS, Mumbai, Dec 10-13, 2006.
2. Ghosh, S. (2006). "Role of Economic Inequality and Social Exclusion in the Pace of Health Transition: An Exploratory Analysis for India", presented in **4th Biennial Conference of International Society in Equity in Health, *Creating Healthy Societies through Inclusion and Equity***, University of Adelaide, Australia, Sept 11-13, 2006.
3. Ghosh, S., A. Sarkar and M. Anand (2006). "Social Determinants and Distributions of Lead Poisoning among children in India: A Tale of Two Cities", presented in **18th Conference of the International Society for Environmental Epidemiology**, Paris, France, 2-6 Sept, 2006.
4. Ghosh, S. (2004). "Gender Differences in Treatment-seeking Behaviour during Common Childhood Illnesses in India: Does Maternal Education Matter?", presented in **18th European Conference on Modern South Asian Studies, Panel on "Education, Health and Demographic Changes in South Asia"** University of Lund, Sweden, July 6-9, 2004, available at <http://hetv.org/pdf/maternal-education.pdf>

REFeree OF INTERNATIONAL and NATIONAL JOURNALS

The Lancet Global Health (Lancet Group), Health Science Report (Wiley), Clinical Epidemiology & Global Health (Elsevier), Public Health Reviews (BMC, Springer Nature), The Contemporary South Asia (Routledge: Taylor & Francis), Studies in Family Planning (Wiley), Public Health Nutrition (Cambridge Core), Heliyon (Elsevier), Children and Youth Services Review (Elsevier), Women's Midlife Health (BMC, Springer Nature), Journal of Asian and African Studies (Sage), Population (INED, France), Applied Economics (Routledge: Taylor & Francis), Journal of Gerontology: Social Sciences (Oxford University Press), Journal of Anthropological Research (University of Chicago Press), BMC Women's Health (BMC, Springer Nature), BMC Pregnancy and Childbirth (BMC, Springer Nature), Population Studies (Routledge: Taylor & Francis), Journal of Biosocial Science (Cambridge Core), Journal of Epidemiology and Global Health (Evise), PLoS One (PLoS group), BMC Health Services (BMC, Springer Nature), BMJ Open (British Medical Association), Journal of Population Ageing (Oxford University Press), Asian Population Studies (Routledge: Taylor & Francis), Genus (Springer Nature), Social Change (Sage), Indian Economic Journal (Sage), Demography India (Indian Association for the Study of Population), Medical Journal of Obstetrics & Gynaecology (JSciMEDcentral)

CURRENT AFFILIATION

A) Associate Professor with the Institute of Development Studies Kolkata (IDSK)

Duration: December 13, 2016 to continue

Teaching: Teach Demographic Measures and Quantitative Techniques in "Research Methodology" Course; Categorical Data Analyses and Experimental Design in "Econometrics" Specialization Course; and "Population and Regional Development" in "Regional Development" Specialization Course in the MPhil/PhD course work in Development Studies.

Supervision of Post-doctoral Dissertation:

- 1) **Supervising** Post-doctoral Dissertation titled "Breast Feeding Practices Among Urban Poor Women: A Comparative Study of Working and Non-Working Women in Metropolitan City of Kolkata" of Ms. Sasmita Jena at the Institute of Development Studies Kolkata (IDSK)..

Supervision of PhD Dissertations:

- 1) **Joint-Supervisor** of PhD dissertation titled "Culture, Biology and Anthropological Demography: A Study on the *Darbhanga* Muslim Population of Malda District of West Bengal" of Mr. Mir Azad Kalam at the Department of Anthropology of University of Calcutta. Dissertation has been submitted to the University of Calcutta on 2 November, 2021.
- 2) **Joint-Supervisor** of PhD Dissertation titled "Socio-demographic Concomitants of Changing Patterns of Fertility Behaviour: A Micro-Level Study on Bengali Speaking Community in Kolkata, West Bengal" of Ms. Saptamita Pal at the Department of Anthropology of University of Calcutta. Pre-submission was approved by the RAC on July 30, 2021. Dissertation is yet to be submitted to the University of Calcutta.
- 3) **Supervisor** of PhD Dissertation titled "Understanding Contemporary Fertility Transition in Rural West Bengal" of Ms. Kakoli Das at the Institute of Development Studies Kolkata (IDSK). The Dissertation will be submitted to the University of Calcutta.

Supervision of MPhil Dissertations:

- 1) **Supervised MPhil** Dissertation titled "Regional Variation of Factors Affecting Changes in Nutritional Status among Women: A Study Based on the Last Three Rounds of National Family Health Survey" of Mr. Md. Reza Kaushar Hasmi and the degree has been awarded by the University of Calcutta in 2022.
- 2) **Supervised MPhil** Dissertation titled "Factors Affecting Early Marriage among Females in Eastern India: A Study Based on Successive Rounds of National Family Health Survey" of Mr. Sushanta Sen and the degree has been awarded by the University of Calcutta in 2021
- 3) **Supervised MPhil** Dissertation titled "Factors Affecting Mental Health among Adolescents: A Study Based on UDAYA Survey, 2015-16" of Mr.

DipmalyaKarmakar and the degree has been awarded by the University of Calcutta in 2021

- 4) **Supervised MPhil** Dissertation titled "Causes of Contemporary Fertility Decline in Bengali Linguistic Region: Diffusion and Beyond" of Ms. Pallabi Das and the degree has been awarded by the University of Calcutta in 2017.
- 5) **Co-Supervised MPhil** Dissertation titled "Morbidity and Nutritional Status of children aged 6-11 years in Urban Settings: A case study of Kolkata" of Ms. MonalishaChakraborty and the degree has been awarded by the University of Calcutta in 2017.

Projects Handled:

- 1) Co-Principal Investigator (Co-PI) in "**Herself and her children: How worse off are they? Impact of COVID-19 in rural Bihar**" sponsored by the **International Growth Centre (IGC), London School of Economics and Political Science (LSE)**.
Grant amount: 10, 720 GBP.
- 2) Co-Principal Investigator (Co-PI) in "**Can peer and neighbourhood effects improve maternal health outcomes in rural Bihar? Assessing the role of formal and informal networks**" sponsored by the **International Growth Centre (IGC), London School of Economics and Political Science (LSE)**.
Grant amount: 52, 040 GBP.
- 3) Principal Investigator (PI) in "**Assessing Equity in Maternal and Child Health Outcomes for a Renewed Health System Response**" sponsored by the **World Health Organization (WHO), India Country Office, New Delhi**.
Grant amount: Rs. 43,92,190/-
- 4) Co-Principal Investigator (Co-PI) in "**MGNREGA in West Bengal**" sponsored by the **Panchayat and Rural Development Department (P&RD) of Government of West Bengal**.
Grant amount: Rs. 20,00,000/-

Evaluation of PhD and MPhil Dissertations:

- 1) Evaluated PhD thesis titled "**Child Feeding Practices and Mother's Diet Pattern and their Relationship with Child Health Status in India, Nepal and Bangladesh**" by Brajesh of International Institute for Population Sciences (IIPS), Mumbai in 2021.
- 2) Evaluated PhD thesis titled "**Health Status and Health Care Access among Women Bidi Rollers in Bundelkhand, Madhya Pradesh**" by Pallavi Joshi of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2020.
- 3) Evaluated PhD thesis titled "**Family Planning in India, 1951-2016: Outreach, Contraceptive Use Dynamics and Returns**" by Md. JuelRana of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2020
- 4) Evaluated PhD thesis titled "**Cross Border Migration and STI/HIV Vulnerability: A Study of Undocumented Bangladeshi Migrants in Kolkata**" by

AnkitaSiddhanta of International Institute for Population Sciences (IIPS), Mumbai in 2017.

- 5) Evaluated PhD thesis titled **"Fertility Behaviour among Migrants and non-Migrants: A Case Study of NCT of Delhi"** by G ThavasiMurugan of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2017.
 - 6) Evaluated MPhil dissertation titled **"Healthcare Services and Outcome in North-eastern States of India"** by DeepaliChanuSanasam of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2017.
- B) **Honorary Consultant of Society for Health & Demographic Surveillance (SHDS)**, Suri, Birbhum.

PAST AFFILIATIONS

- C) **Demography and Population Health Expert at The Centre for Health Policy (CHP) (An Initiative of Bill & Melinda Gates Foundation) with Asian Development Research Institute (ADRI), Patna.**

Duration: August 1, 2017 to July 31, 2019 (On Lien from IDSK)

Published Working Papers / Monographs:

1. **Ghosh, S., B. Guha-Khasnobis and A. Srishti** (2018). "Demographic Profile of Bihar". **Working Paper 02/2018**. The Centre for Health Policy, Patna, Bihar.
2. **Ghosh, S., B. Guha-Khasnobis and Z. Husain** (2018). "Morbidity and Health Seeking Behaviour in Bihar, 2004-14". **Working Paper 01/2018**. The Centre for Health Policy, Patna, Bihar.
3. **Ghosh, S.** (2018). "Hindu-Muslim Fertility Differentials in Major States of India: Indirect Estimation at District Level from Census 2011". **Working Paper 08/2018**. The Centre for Health Policy, Patna, Bihar.
4. **Ghosh, S., Md. Z. Siddique and D. Majumder** (2019). "Contours of Fertility Decline in India: An Update". **Working Paper 01/2019**. The Centre for Health Policy, Patna, Bihar.
5. **Ghosh, S., S. K.Sharma and D. Bhattacharya**(2019). "Understanding Intra-State Disparities in Childhood Stunting in Bihar". **Monograph 01/2019**. The Centre for Health Policy, Patna, Bihar.
6. **Ghosh, S., S.K. Sharma and D. Bhattacharya**(2019). "Investigating Correlates of Childhood Stunting in Bihar: Analysis of Successive Rounds of National Family Health Survey". **Monograph 02/2019**. The Centre for Health Policy, Patna, Bihar.
7. **Keshri, V.R. and S. Ghosh** (2019). "Health Insurance for Universal Health Coverage in India: A Critical Examination". **Working Paper 02/2019**. The Centre for Health Policy, Patna, Bihar.

- D) **Position: Assistant Professor with the Institute of Development Studies Kolkata (IDSK)**

Duration: August 1, 2007 to December 13, 2016

Teaching: Teach Demographic Measures and Quantitative Techniques in "Research Methodology" Course; Categorical Data Analyses and Experimental Design in "Econometrics" Specialization Course; and "Population and Regional Development" in "Regional Development" Specialization Course in the **MPhil** course work in **Development Studies**.

Supervision of MPhil Dissertations:

- 1) **Co-Supervised MPhil** Dissertation titled "Abortion Experiences among Married women of Low-Income Group: A Case from Peri-urban, West Bengal" of Ms. Priyanka Majumder submitted to the University of Calcutta in 2016 and the degree has been awarded.
- 2) **Supervised MPhil** Dissertation titled "Changing Child Sex Ratio: Tracing Some Evidences and Causes from West Bengal" of Ms. Kakali Das submitted to the University of Calcutta in 2014 and the degree has been awarded.
- 3) **Co-Supervised MPhil** Dissertation titled "Demographic and Socioeconomic Determinants of Child Immunization in West Bengal" of Mr. Sarajit Ankura submitted to the University of Calcutta in 2012 and the degree has been awarded.
- 4) **Co-supervised MPhil** Dissertation titled "Understanding Social Psychological Aspects: A Reflection from the Elderly of Kolkata" of Ms. Enakshi Sarkar submitted to the University of Calcutta in 2009 and the degree has been awarded.
- 5) **Supervised MPhil** Dissertation titled "Measurement and Correlates of Women's Empowerment in West Bengal" of Ms. Suparna Pal submitted to the University of Calcutta in 2008 and the degree has been awarded.

Academic Interns/Project Guidance of PG Students:

- 1) Ms. Poulami Roy, MSc Final Year Student of Department of Economics of Presidency University in 2017
- 2) Mr. Debojyoti Majumder, M.Sc. First Year Student of Department of Economics of Presidency University in 2016 and 2017.
- 3) Ms. Aditi Routh, M.Sc. First Year Student of Department of Economics of Jadavpur University in 2015.
- 4) Ms. Suvapriya Banerjee, M.Sc. Dissertation of Department of Economics of Presidency College in 2010.

Evaluation of MPhil Dissertations:

- 7) Evaluated MPhil dissertation titled "**Maternal Health Expenditure of Empowered Action Group (EAG) States of India**" by Priyanka Yadav of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2016.
- 8) Evaluated MPhil dissertation titled "**Level, Trends and Determinants of Age at Marriage in India**" by Ramakant Tiwari of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2016.
- 9) Evaluated MPhil dissertation titled "**Unmet Need of Family Planning in Bihar**" by Anamika of Centre for Study in Regional Development, School of Social Science, Jawaharlal Nehru University, New Delhi in 2015.

Projects Handled:

- 1) Acted as Team Leader in "Open Defecation Free (ODF) Facilitation, Verification, and Certification in Hooghly District" sponsored by Panchayat and Rural Development Department (P&RD) of Government of West Bengal.
Grant amount: 14,80,000/-
- 2) Acted as Team Leader in 'Evaluation of Open Defecation Free (ODF) Panchayats in the Districts of West Bengal" sponsored by Panchayat and Rural Development Department (P&RD) of Government of West Bengal.
Grant amount: 3,56,000/-
- 3) Acted as Principal Investigator of the research project "Improving Health Status of Women and Institutional Delivery of Public Reproductive Health Services in Rural West Bengal (Phase-2)" sponsored by the Rosa Luxemburg Stiftung, Germany in 2012.
Grant amount: 25,000 Euro
- 4) Acted as Principal Investigator of the research/intervention project "Improving Health Status of Women and Institutional Delivery of Public Reproductive Health Services in Rural West Bengal" sponsored by the Rosa Luxemburg Stiftung, Germany during 2010-11.
Grant amount: 25,000 Euro
- 5) Contributed in the project "Socio-economic Profile of Patients in Kolkata: A Case Study of R.G. Kar Medical College & Hospital and AMRI" sponsored by IDSK in 2008.
Grant amount: Rs.1,50,000/-
- 6) Contributed in preparing "District Human Development Report of Birbhum District of West Bengal" sponsored by Department of Planning & Development, Government of West Bengal and UNDP in 2008.
http://idsk.edu.in/wp-content/uploads/2015/07/Birbhum_District_Human_Development.pdf
Grant amount: Rs.1,25,000/-
- E) Visiting Faculty at Department of Architecture and Planning of the Indian Institute of Engineering, Science and Technology (IIEST)(formerly BESU) and teach Full Course (24 Lecture) of "Demography/Population Studies" in Master of Urban & Regional Planning during 2015-16 and 2016-17.
- F) Position: Assistant Programme Officer
Duration: July 11, 2006 – July 31, 2007
Work Place: Population Council, South & East Asia Regional Office, Zone 5A, India Habitat Centre, Lodi Road, New Delhi-110 003

Projects Handled:

- 1) Towards message that matter: Understanding and addressing HIV and SRH risks among married young people in India

2) Empowering Young Mothers in India: First Time Parent Project

Job Responsibilities: Preparation of data collection tools, data collection, projects monitoring and evaluation, quantitative and qualitative research and report writing.

G) Position: Associate fellow

Duration: March 3, 2004 – July 10, 2006

Work Place: Council for Social Development (CSD), 53, Lodi Estate, New Delhi

Project Handled:

Co-ordinator of preparing *Social Development Index* in *Social Development Report* published by CSD from Oxford University Press, New Delhi.

Job Responsibilities: Develop research proposals, Preparation of data collection tools, data collection, projects monitoring and evaluation, quantitative research and report writing.

H) Position: Assistant Research Officer

Duration: June 1, 1999 to June 30, 2000

Work Place: International Institute for Population Sciences (IIPS), Mumbai.

Projects Handled:

- 1) Multiregional Demographic Analyses of India.
- 2) Estimation of Population Based Survival Rates for Sites Having Poor Prognosis, Registered in Greater Bombay During the Period 1987-1991.

Principal Investigators: Dr. R.K. Sinha and Prof. G. Rama Rao

Job Responsibilities: Data collection, data analysis and report writing.

CONSULTANCY ASSIGNMENTS

- Submitted project report titled “Correlates of Neonatal Mortality in India and Its States: An Analysis Based on NFHS-2 Data” funded by Ministry of Health & Family Welfare, Nirman Bhawan, New Delhi on behalf of Council for Social Development (CSD), New Delhi.

INTERNATIONAL CONFERENCES / WORKSHOPS ATTENDED (In Reverse Chronological Order)

1. 2021 International Population Conference (IPC2021) organized by IUSSP in Hyderabad, India, November 5-November 9, 2021.
2. 5th Asian Population Association's Conference (APA) in Jakarta, Indonesia, August 3-August 5, 2021.

3. Population Association of America's 82nd Annual Meeting Programme in Chicago, USA, April 27-April 29, 2017.
4. International Conference on Family Planning: Global Commitments & Local Actions, Nusa Dua, Bali, Indonesia, January 25-28, 2016.
5. INDEPTH Cohort Profile Writing Workshop in Collaboration with International Journal of Epidemiology (IJE), Accra, Ghana, March 31-April 4, 2014.
6. Protocol Development Workshop on Project Proposal of World Health Organization (WHO), Geneva, Switzerland, January 21-25, 2013.
7. Conference of 2nd Asian Population Association (APA), Bangkok, Thailand, August 26-31, 2012.
8. 10th International Conference on Urban Health, Belo Horizonte, Brazil, October 31- November 5, 2011.
9. 6th Biennial Conference of International Society in Equity in Health, *Making Policy a Health Equity Building Process*, Cartagena, Colombia, Sept 26-28, 2011.
10. Population Association of America's 76thAnnual Meeting Programme in Washington DC, USA, March 31-April 2, 2011.
11. "Priorities 2008", organized by University of Newcastle, UK, October 28-31, 2008.
12. International Conference on Employment Opportunities and Public Employment Policy in Globalizing India, Centre for Development Studies, Trivandrum, April 3-5, 2008.
13. International Conference on Health Transition in India: Equity, Governance and the Market, Institute of Development Studies Kolkata, Feb 19-21, 2008.
14. 4th Biennial Conference of International Society in Equity in Health, *Creating Healthy Societies through Inclusion and Equity*, University of Adelaide, Australia, Sept 11-13, 2006.
15. 17th Conference of the International Society for Environmental Epidemiology, Johannesburg, South Africa, 13-16 Sept, 2005.
16. Participate in the course IMPRSD 135 "*Frontiers of Demographic Research on Mortality and Longevity- Joint Summer School of the IUSSP and the Max Planck Institute for Demographic Research*" in Max Planck Institute for Demographic Research, Rostock, Germany, July 25 - Aug 2, 2005.
17. International Workshop on Population Dynamics and Infectious Disease in Asia, Asian MetaCentre, Singapore, 27-29 Oct, 2004.
18. 18th European Conference on Modern South Asian Studies, University of Lund, Sweden, July 6-9, 2004.
19. Regional Consultation on Macroeconomics and Health, WHO Regional Office, South and South-east Asia, New Delhi, India, August 16-17, 2003.

• Besides, participated in numerous national level seminars/ invited seminar/ workshops/ consultations.

SEMINAR/WORKSHOP ORGANIZED

- ❖ Convenor of 52nd Regional Science Association (RSA) Annual Meeting and International Conference, held at the Institute of Development Studies (IDS) during 8-10 December, 2021.

- ❖ **Local Organizing Committee Member of Indian Health Economics & Policy Association's (IHEPA) Annual Conference 2016** held at the Institute of Development Studies (IDSK) during 15-17 December, 2017.
- ❖ **South Asian Conference on Reproductive Morbidity and Treatment Seeking Behaviour: Role of Demographic, Socioeconomic and Cultural Correlates** on 15-16 December, 2011 at the Institute of Development Studies Kolkata (IDSK).
- ❖ **National Seminar on Burden of Diseases, Health Care Priorities and Role of State in India** on 21-22 November, 2005, India International Centre, New Delhi on behalf of the Council for Social Development.

PROFESSIONAL EXPERTISE

- Invited as **Resource Person** in *numerous* **Technical Workshops on Quantitative Research Methodology with Hands-on Training in SPSS/STATA** organized periodically by various universities/institutions:
 - i) On "Application of Advanced Econometric Methods in Cross-sectional Data" in IGC Patna Summer School in Development Economics, August 1, 2019.
 - ii) On "Correlation and Regression Analysis (Bivariate and Multivariate)" in Workshop on Quantitative Research Methodology organized by the department of Commerce and Management Studies, St. Xavier College (Autonomous), Kolkata, August 9, 2019.
 - iii) On "Research Tools" and "Field Research and Survey Methods" in ICSSR-Sponsored Research Methodology Course by Institute of Development Studies Kolkata (IDSK), March 26, 2019.
 - iv) On "Linear Regression and, Logit, Probit Regression Models in Research Methodology" organized by Department of Geography, Presidency University, Kolkata, December 13, 2017.
 - v) On "Multinomial and Ordered Logit Models for PhD Students" organized by HSS Department, IIT Kharagpur, June 15, 2017
 - vi) On "Limited Dependent Variable Models" at the TEQIP-II sponsored Short-Term Course on Quantitative Methods in Social Sciences organised by HSS Department, IIT Kharagpur, March 22, 2017.
 - vii) On "Hypothesis Testing" organised by Bhavan Institute of Management Science on 25th June 2016.
 - viii) On "Sampling Techniques, Reliability & Validity Checking" organised by Bhavan Institute of Management Science on 21st July 2016.
 - ix) Training Programme on Learning SPSS organised by Department of Economics, Presidency University, January 11 and 13, 2016.
 - x) Training Programme on SPSS for University Faculty, Research Scholars and College teachers organised by Department of Economics, Presidency University, February 1-2, 2016.
 - xi) Training Programme on Quantitative Methods using SPSS organised by Indian Institute of Health Management Research (IIHMR) University, December 17-18, 2015.
 - xii) Training Programme on Quantitative Data Analysis using SPSS organised by Indian Institute of Health Management Research (IIHMR), June 4-6, 2014.

- xiii) Training Programme on Econometric analysis using SPSS organised by Department of Economics, Presidency University, September 26, 2014.
- Invited as **Resource Person** in **UGC sponsored Refresher Course for College/University Teachers**
 - i) Refresher Course in "Critical Perspectives in Geography" on the topic Transition to Low Fertility: Causes and Consequences", UGC-HRDC, University of Calcutta, Ballygung Campus on January 11, 2022.
 - ii) Faculty Induction Programme at UGC-Human Resource Development Centre, Ranchi University on "Demographic Transition in India" on 11th December, 2021.
 - iii) Refresher Course in Behavioural Sciences on the theme 'Theories and Practices in Anthropology and Other Behavioural Sciences', University of Calcutta, Ballygung Campus on February 7, 2017.
 - iv) Refresher Course on "Research Methodology" at UGC-Human Resource Development Centre, Ranchi University on 14th July & 15th July, 2016.
 - v) Refresher Course on "Economics", University of Calcutta, Kantakal Campus on January 12, 2012.
- Invited as **Speaker** to deliver **Special Lectures/Memorial Lectures**
 - i) **Special Lecture** at the Department of Economics, Presidency University on "Mortality: Concepts, Measurements and Trends" on 18th December, 2021.
 - ii) **Special Lecture** at the Department of Geography, Midnapore College (Autonomous) on "Population: Contemporary Issues and Challenges" in the National Seminar on Population, Development and Environment: Challenges Ahead for India, West Bengal, January 9, 2020.
 - iii) **Special Lecture** at Department of Economics, Presidency University on "Data Sources in Socio-economic Research" on 25th March, 2019.
 - iv) **Special Lecture** at Kharagpur College, West Bengal on "Demographic Transition in Developing Countries: Its Determinants and Future Implications" on 9th February, 2016.
 - v) **Prof. Sankar Kanti Dasgupta Memorial Lecture** at Raja Manindra Chandra College, Kolkata on "Aspirations in Transition or Second Demographic Transition: An Exploratory Analysis of lowest-low fertility in Kolkata" on July 25, 2018.
- Have given expert opinions on demographic and health issues in India and West Bengal in *The Telegraph* (National daily), *Anandabazar Patrika* (Vernacular daily), and *All India Radio*.
- Have written Editorial Page Article in Vernacular in *Anandabazar Patrika* and in English in *The Hindu*.
- **Ghosh, S.**, A. Das and K. Das (2020). "Implication of the COVID-19 Pandemic on Future Population Growth in India". **Monthly Bulletin of Asiatic Society Kolkata**, XLIS (8), August, 2020: 15-19.

- Chowdhury, S. and **S. Ghosh** (2021). "Condition of Muslims in West Bengal: A reality check". **Frontline**, March 12, 2021: 58-62.
- Mitra, A. and S. Ghosh (2021). "Trends of COVID-19: Understanding facets of 13 months of the pandemic". **Monthly Bulletin of Asiatic Society Kolkata**, March, 2021: 46-54.

PERSONAL DETAILS

- Date of Birth: January 17, 1974
- Marital Status: Married and having a son
- Sex: Male
- Nationality: Indian
- Address for communication: 15/22, Bosepukur Road, Second Floor, Kolkata-700 039.
- Languages Known: English, Hindi and Bengali (fluent) and Oriya& Assamese (working)

REFERENCES

- 1) **Prof. P.M. Kulkarni**,
Flat No. 102, Sapthagiri Meadows
24th Main J.P. Nagar, 7th Phase,
Bengaluru-560078
Phone No. +919811118053
E-mail: pmkulkarni.jnu@gmail.com
- 2) **Prof. AchinChakraborty**
Director,
Institute of Development Studies Kolkata (IDSK)
DD 27/D, Sector 1, Salt Lake
Kolkata-700064
Phone No. +918479917930
Email: achinchak@gmail.com
- 3) **Dr. Ruth Kattumuri**
Co-Director,
Asia Research Centre (ARC), India Observatory
London School of Economics and Political Science (LSE)
STICERD, LSE.
Phone No. +44 (0)20 7107 5217
E-mail: r.kattumuri@lse.ac.uk

4) **Prof. SachidanandSinha**
Professor of Geography
120, Centre for the Study of Regional Development
School of Social Sciences Building 3
Jawaharlal Nehru University, New Delhi 110067

Tel: Office +2670 4568 Mobile: 09868354019
Email: sachi57sinha@gmail.com

A handwritten signature in dark ink, appearing to read 'Saswata Ghosh'.

(SaswataGhosh)