**CURRICULUM VITAE**

**KAUSHALENDRA KUMAR**

# CONTACT INFORMATION

Department of Public Health & Mortality Studies

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# PRESENT POSITION

**Assistant Professor,** Department of Public Health & Mortality Studies, **International Institute for Population Sciences,** September 2015 – Present.

# CONSULTING AND RESEARCH POSITIONS

**Norway-India Partnership Initiative (NIPI),** scientific articles writing project, January to March 2018.

**WHO Study on Global AGEing and Adult Health (SAGE),** International Institute for Population Sciences, Research Officer, September 2010 to June 2011.

**Global Burden of Diseases Study (GBD) Collaborator – 2013**, IHME, University of Washington, Seattle, USA,Collaborator and Expert from India.

**RESEARCH GRANTS**

**Gender Equity and Demographic Research Project (GENDER)** at International Institute for Population Sciences, India, Co-Principal Investigator, funded by The Bill and Melinda Gates Foundation, USA, November 2022 – Continuing (<https://iipsindia.ac.in/content/gender-project>)

**Gender Health and Equity (GEH)** at International Institute for Population Sciences, India, Co-Principal Investigator, funded by The Bill and Melinda Gates Foundation, USA, November 2017 to October 2022 (<https://iipsindia.ac.in/content/gender-project>)

**Family Health and Wealth Study (FHWS)** at International Institute for Population Sciences, India, Co-Principal Investigator**,** funded by **Johns Hopkins School of Public Health, USA, October 2015 – August 2016**

# EDUCATION

**PhD,** **Population** **Studies**, dissertation title “*Effects of Health on Human Capital Formation, Income, and Economic Growth in India*” International Institute for Population Sciences (IIPS), Mumbai, India, April 2016

**MA, Economics** **(Econometrics as specialization),** Banaras Hindu University, Varanasi, India, June 2007

**Master of Population Studies (MPS)**, International Institute for Population Sciences (IIPS), Mumbai, India, May 2010

**Master of Risk and Insurance Management (MRIM),** Banaras Hindu University, Varanasi, India 2009

# RESEARCH INTERESTS

Determinants morbidity and mortality

Sub-national Level Mortality Estimation

Survey Design and Data Quality

Demography of Gender

Health Expenditure and Financing

Population Health and Development

**FELOOWSHIP & AWARDS**

**Government of India Fellowship** to pursue PhD at International Institute for population Sciences, 2009 to 2010

**University Grant Commission (UGC) - Junior Research Fellowship (JRF)** to pursue PhD at International Institute for population Sciences, 2011 to 2015

**TEACHING**

* Measures of Morbidity & Mortality, Burden of disease
* Concepts and Measures of Global Health
* Micro and Macro Economic - Demography
* Research Methodology - Sampling
* Large scale sample survey

**PEER-REVIEWED ARTICLES**

1. **Kaushalendra Kumar**, Abhishek Singh, and Amy Tsui, ‘Measuring contraceptive use in India: Implications of recent fieldwork design and implementation of the National Family Health Survey’, 2022. **Demographic Research**. 7(4), 73-110. doi: 10.4054/DemRes.2022.47.4 / <https://www.demographic-research.org/volumes/vol47/4/>
2. Swati Srivastava, **Kaushalendra Kumar**, Lotus McDougal, Ajit Kumar Kannaujiya, Ankit Sikarwar, Anita Raj, and Abhishek Singh, ‘Spatial heterogeneity in intimate partner violence across the 640 districts of India: a secondary analysis of a cross-sectional, population-based survey by use of model-based small-area estimation’, 2023. **The Lancet Global Health**. 11(10), e1587-e1597. [https://doi.org/10.1016/S2214-109X(23)00377-7](https://doi.org/10.1016/S2214-109X%2823%2900377-7)
3. Soumya Pal, Abhishek Singh, and **Kaushalendra Kumar**, ‘Inequality in length of life in India: an empirical analysis’, 2022. **Journal of Population Research**. 39(3), 315-340. <https://doi.org/10.1007/s12546-022-09284-6>
4. Santosh Kumar, **Kaushalendra Kumar**, Ramanan Laxminarayan, and Arindam Nandi, ‘Birth Weight and Cognitive Development during Childhood: Evidence from India’, 2022. **Econ Pap**, 41: 155-175. <https://doi.org/10.1111/1759-3441.12335>
5. Abhishek Singh, **Kaushalendra Kumar**, Fred Arnold, ‘How interviewers affect responses to sensitive questions on the justification for wife beating, the refusal to have conjugal sex, and domestic violence in India', **Studies in Family Planning**. 2022; 00: 1– 21. <https://doi.org/10.1111/sifp.12193>
6. Ashish Kumar Upadhyay, **Kaushalendra Kumar**, K S James, Lotus McDdougal, Anita Raj, and Abhishek Singh, 2022, Association between Intimate Partner Violence and Contraceptive Use Discontinuation in India. [**Studies in Family Planning**](https://www.scopus.com/sourceid/27896?origin=resultslist), 2022, 53(1), pp. 5–21. <https://doi.org/10.1111/sifp.12184>
7. Abhishek Singh, Sabu S. Padmadas, **Kaushalendra Kumar**, Ashish Kumar Upadhyay, Ashish Singh, and Fiifi Amoako Johnson, ‘Spatial heterogeneity in son preference across India’s 640 districts: An application of small-area estimation’, 2022. **Demographic Research**. 47(26): 793-842. doi: 10.4054/DemRes.2022.47.26 / <https://www.demographic-research.org/volumes/vol47/26/>
8. Abhishek Singh, Praveen Chokhandre, Ajeet K. Singh, Kathryn M. Barker, **Kaushalendra Kumar**, Lotus McDougal, K. S. James & Anita Raj, 2021. Development of the India Patriarchy Index: Validation and Testing of Temporal and Spatial Patterning', **Social Indicators Research**. <https://doi.org/10.1007/s11205-021-02752-1>
9. Lotus McDougal, Abhishek Singh, **Kaushalendra Kumar**, Nabamallika Dehingia, Aluisio J. D. Barros, Fernanda Ewerling, Yamini Atmavilas, and Anita Raj, 2021. 'Planning for Work: Exploring the Relationship between Contraceptive Use and Women’s Sector-Specific Employment in India', **PLOS ONE***,* 16, e0248391. <https://doi.org/10.1371/journal.pone.0248391>
10. Abhishek Singh, **Kaushalendra Kumar**, Ajit Kumar Yadav, K. S. James, Lotus McDougal, Yamini Atmavilas, and Anita Raj, 2021. 'Factors Influencing the Sex Ratio at Birth in India: A New Analysis Based on Births Occurring between 2005 and 2016', **Studies in Family Planning***,* 52, 41-58. <https://doi.org/10.1111/sifp.12147>
11. **Kaushalendra Kumar**, Abhishek Singh, K. S. James, Lotus McDougal, and Anita Raj, 2020. ‘Gender bias in hospitalization financing from borrowings, selling of assets, contribution from relatives or friends in India’, **Social Science & Medicine**, 260, 113222. <https://doi.org/10.1016/j.socscimed.2020.113222>
12. Ajit Kumar Kannaujiya, **Kaushalendra Kumar**, Ashish Kumar Upadhyay, Lotus McDougal, Anita Raj, Abhishek Singh, 2020. ‘Short interpregnancy interval and low birth weight births in India: Evidence from National Family Health Survey 2015-16’, **SSM - Population Health**, 12, 100700. <https://doi.org/10.1016/j.ssmph.2020.100700>
13. Milan Das, **Kaushalendra Kumar**, and Junaid Khan, (2020), ‘Does remittance protect the household from catastrophic health expenditure in India’, International Journal of Migration, Health and Social Care, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/IJMHSC-03-2020-0023>
14. Priyanka Patel, **Kaushalendra Kumar**, Mayank Singh, and Ajit Kumar Yadav. 2020. ‘Sex Differentials in under Five Mortality in India in Last Two Decades: Evidence from Pulled NFHS Data’, **Children and Youth Services Review**, 108, 105286. <https://doi.org/10.1016/j.childyouth.2020.105286>
15. Abhishek Singh, **Kaushalendra Kumar**, and Ashish Singh, ‘What Explains the Decline in Neonatal Mortality in India in the Last Three Decades? Evidence from Three Rounds of NFHS Surveys’, 2020. **Studies in Family Planning**. 50, no. 4, 337-55. <https://doi.org/10.1111/sifp.12105>
16. Sunita Patel, Faujdar Ram, Surendra Kumar Patel, and **Kaushalendra Kumar**. 2020. ‘Cardiovascular diseases and health care expenditure (HCE) of inpatient and outpatient: A study from India Human Development Survey’, **Clinical Epidemiology and Global Health**, 8(3), 671-677. <https://doi.org/10.1016/j.cegh.2019.12.024>
17. Anita Raj, Nicole E. Johns, Lotus McDougal, Amruta Trivedi, Prashant Bharadwaj, Jay G. Silverman, **Kaushalendra Kumar**, Laishram Ladusingh, Abhishek Singh, 2019. Associations Between Sex Composition of Older Siblings and Infant Mortality in India from 1992 to 2016. **EClinicalMedicine**, 14, 14-22. <https://doi.org/10.1016/j.eclinm.2019.08.016>
18. Rahul Bawankule, Sadanand Shetye, Ashish Singh, Abhishek Singh, **Kaushalendra Kumar**, 2019. Epidemiological investigation and management of bloody diarrhea among children in India. **PLOS ONE** 14(9): e0222208. <https://doi.org/10.1371/journal.pone.0222208>
19. Rahul Bawankule, Abhishek Singh, **Kaushalendra Kumar**, Sarang Pedgaonkar, 2019. Oral problems and associated risk indicators in adults in the Russian Federation, India, and China. **BMC Oral Health**, 19(1), 114. <https://doi.org/10.1186/s12903-019-0811-8>
20. Abhishek Singh, **Kaushalendra Kumar**, Lotus Mcdougal, Jay G. Silverman, Yamini Atmavilas, Raksha Gupta, & Anita Raj, 2019. Does owning a bank account improve reproductive and maternal health services utilization and behavior in India? Evidence from the National Family Health Survey 2015–16. **SSM - Population Health**, 7. [https://dx.doi.org/10.1016%2Fj.ssmph.2019.100396](https://dx.doi.org/10.1016/j.ssmph.2019.100396)
21. Sunita Patel, Faujdar Ram, Surendra Kumar Patel, **Kaushalendra Kumar**, ‘Association of behavioral risk factors with self-reported and symptom or measured chronic diseases among adult population (18–69 years) in India: evidence from SAGE study’, **BMC Public Health**, 19 (2019), 560. <https://doi.org/10.1186/s12889-019-6953-4>
22. **Kaushalendra Kumar**, Santosh Kumar, Ashish Singh, Faujdar Ram, and Abhishek Singh, 'Heterogeneity in the Effect of Mid-Childhood Height and Weight Gain on Human Capital at Age 14-15 Years: Evidence from Ethiopia, India, Peru, and Vietnam', **PLOS ONE**, 14 (2019), e0212783. https://doi.org/10.1371/journal.pone.0212783
23. **Kaushalendra Kumar**, Ankita Shukla, Abhishek Singh, Faujdar Ram, and Paul R. Kowal, 'Association between wealth and health among older adults in rural China and India', **Journal of the Economics of Ageing**. 7(2016), 43-52. http://dx.doi.org/10.1016/j.jeoa.2016.02.002
24. **Kaushalendra Kumar**, Santosh Kumar, and Anil Kumar Singh, 'Prevalence and Socio-Demographic Correlates of Alcohol Consumption: Survey Findings from Five States in India', **Drug & Alcohol Dependence**, 185 (2018), 381-90. <https://doi.org/10.1016/j.drugalcdep.2017.12.024>
25. **Kaushalendra Kumar**, Ashish Singh, Santosh Kumar, Faujdar Ram, Abhishek Singh, Usha Ram, Joel Negin, and Paul R. Kowal, 'Socio-Economic Differentials in Impoverishment Effects of out-of-Pocket Health Expenditure in China and India: Evidence from Who Sage', **PLOS ONE**, 10 (2015), e0135051. [https://dx.doi.org/10.1371%2Fjournal.pone.0135051](https://dx.doi.org/10.1371/journal.pone.0135051)
26. Abhishek Singh, **Kaushalendra Kumar**, Praveen Kumar Pathak, Rajesh Kumar Chauhan, and, Adrita Banerjee, 'Spatial Patterns and Determinants of Fertility in India', **Population**, 72 (2017), 3: 505-526. <https://doi.org/10.3917/popu.1703.0525>
27. Abhishek Singh, Ashish Kumar Upadhyay, Ashish Singh, and **Kaushalendra Kumar**, 'The Association between Unintended Births and Poor Child Development in India: Evidence from a Longitudinal Study', **Studies in Family Planning**, 48 (2017), 55-71. https://doi.org/10.1111/sifp.12017
28. Usha Ram, Prabhat Jha, Faujdar Ram, **Kaushalendra Kumar**, Shally Awasthi, Anita Shet, Joy Pader, Stella Nansukusa, and Rajesh Kumar, 'Neonatal, -59 Month, and under-5 Mortality in 597 Indian Districts, 2001 to 2012: Estimates from National Demographic and Mortality Surveys', **The Lancet Global Health**, 1(2013), e219-e26. [https://doi.org/10.1016/S2214-109X(13)70073-1](https://doi.org/10.1016/S2214-109X%2813%2970073-1)
29. Ankita Shukla, **Kaushalendra Kumar**, and Abhishek Singh, 'Association between Obesity and Selected Morbidities: A Study of Brics Countries', **PLOS ONE**, 9 (2014), e94433. <https://doi.org/10.1371/journal.pone.0094433>
30. Abhishek Singh, Ankita Shukla, Faujdar Ram, and **Kaushalendra Kumar**, 'Trends in Inequality in Length of Life in India: A Decomposition Analysis by Age and Causes of Death', **Genus**, 73 (2017), 5. <http://dx.doi.org/10.1186/s41118-017-0022-6>
31. Abhishek Singh, Ashish K Upadhyay, and **Kaushalendra Kumar**, 'Birth Size, Stunting and Recovery from Stunting in Andhra Pradesh, India: Evidence from the Young Lives Study', [**Maternal and Child Health Journal**](http://link.springer.com/journal/10995), 21 (2017), 492-508. <http://dx.doi.org/10.1007/s10995-016-2132-8>
32. Ashish Singh, **Kaushalendra Kumar**, and Abhishek Singh, 'Trends in Inequality in Food Consumption and Calorie Intake in India: Evidence from the Last Three Decades, 1983–2012', **Social Indicators Research**, 128 (2016), 1319-46. <https://doi.org/10.1007/s11205-015-1081-8>
33. Ashish Singh, **Kaushalendra Kumar**, and Abhishek Singh, ‘Exclusion within the Excluded: The Economic Divide within Scheduled Castes and Scheduled Tribes’, **Economic and Political Weekly**, 50 (2015),42: 32-37.
34. Ashish Singh, **Kaushalendra Kumar**, and Abhishek Singh, 'The Changing Structure of Inequality in India, 1993-2010: Some Observations and Consequences', **Economics Bulletin**,35(2015), p.A63. <http://www.accessecon.com/Pubs/EB/2015/Volume35/EB-15-V35-I1-P63.pdf>
35. Usha Ram, Prabhat Jha, Patrick Gerland, Ryan J Hum, Peter Rodriguez, Wilson Suraweera, **Kaushalendra Kumar**, Rajesh Kumar, Rajesh Dikshit, Denis Xavier, Rajeev Gupta, Prakash C Gupta, and Faujdar Ram, 'Age-specific and sex-specific adult mortality risk in India in 2014: analysis of 0·27 million nationally surveyed deaths and demographic estimates from 597 districts', **Lancet Global Health**, 3(2015), e768-e775. [https://doi.org/10.1016/S2214-109X(15)00091-1](https://doi.org/10.1016/S2214-109X%2815%2900091-1)
36. Rahul Bawankule, Abhishek Singh, **Kaushalendra Kumar**, and Sadanand Shetye, 'Does Measles Vaccination Reduce the Risk of Acute Respiratory Infection (Ari) and Diarrhea in Children: A Multi-Country Study?', **PLOS ONE**, 12(2017), e0169713. <https://doi.org/10.1371/journal.pone.0169713>
37. Rahul Bawankule, Abhishek Singh, **Kaushalendra Kumar**, and Sarang Pedgaonkar, 'Disposal of Children’s Stools and Its Association with Childhood Diarrhea in India', **BMC Public Health**, 17(2017), 12. <https://doi.org/10.1186/s12889-016-3948-2>
38. Ashish Kumar Upadhyay, Abhishek Singh, **Kaushalendra Kumar**, and Ashish Singh, 'Impact of Indoor Air Pollution from the Use of Solid Fuels on the Incidence of Life Threatening Respiratory Illnesses in Children in India', **BMC Public Health**, 15(2015), 300. <https://doi.org/10.1186/s12889-015-1631-7>
39. Yadawendra Singh, **Kaushalendra Kumar**, and Jatinder Singh, 'Does Morbidity among Elderly Increase Household Health Care Expenditure? ', **Artha Vijanana**, LIII(2011), 4. [https://doi.org/10.21648/arthavij%2F2011%2Fv53%2Fi4%2F117542](https://doi.org/10.21648/arthavij/2011/v53/i4/117542)

**PROFESSIONAL AFFILIATIONS**

India Health Economic and Policy Association (IHEPA)

Asian Population Association (APA)

Population Association of America (PAA)

International Union for the Scientific Study of Population (IUSSP)

**RESEARCH GUIDANCE**

PhD: 3; MPhil: 12; MPS Students: 9; MA/MSc: 7; MBD: 5.

**LARGE-SCALE DATA HANDLING**

National Family Health Survey (NFHS); National Sample Survey (NSS); District Level Household Survey (DLHS); Annual Health Survey (AHS); WHO Study on Global AGEing and adult health (SAGE); Young Lives Study (YLS)