

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.

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

Applied Economics: population, health, and development,

Demography: mortality and fertility

FELLOWSHIP & 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

- Basic concepts of Micro and Macro Economics, Indian Economy (MPS & MA/MSc)
- Economic Evaluation of Programmes and Projects, Basic concepts of Public Finance (MA/MSc)
- Efficiency and Equity in Health, Health Care System with special reference to India, Policies, Reforms and Regulatory Concerns in Health Sector in India, Health Financing and Health Insurance (MA/MSc & MBD)
- Measures of Morbidity & Mortality, Burden of disease (MA/MSc)
- Concepts and Measures of Global Health: Environment and health, Health care delivery systems, Policy and health (MA/MSc & MBD)
- Operation Research (MA/MSc & MBD)

RESEARCH GRANTS

Gender Health and Equity (GEH) at International Institute for Population Sciences, India, Co-Principal Investigator, The Bill and Melinda Gates Foundation, USA, November 2017 – November 2020 (US\$ 485,525)

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

PEER-REVIEWED ARTICLES

- 1) Abhishek Singh, Praveen Chokhandre, Ajeet K. Singh, Kathryn M. Barker, Kaushalendra Kumar, Lotus McDougal, K. S. James & Anita Raj. Development of the India Patriarchy Index: Validation and Testing of Temporal and Spatial Patterning. *Social Indicators Research* (2021). <https://doi.org/10.1007/s11205-021-02752-1>
- 2) Lotus McDougal, Abhishek Singh, **Kaushalendra Kumar**, Nabamallika Dehingia, Aluisio J. D. Barros, Fernanda Ewerling, Yamini Atmavilas, and Anita Raj, 'Planning for Work: Exploring the Relationship between Contraceptive Use and Women's Sector-Specific Employment in India', **PLOS ONE**, 16 (2021), e0248391. <https://doi.org/10.1371/journal.pone.0248391>
- 3) Abhishek Singh, **Kaushalendra Kumar**, Ajit Kumar Yadav, K. S. James, Lotus McDougal, Yamini Atmavilas, and Anita Raj, '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 (2021), 41-58. <https://doi.org/10.1111/sifp.12147>
- 4) **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>
- 5) 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>
- 6) 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/IJMHS-03-2020-0023>
- 7) 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>
- 8) 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>
- 9) 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>

- 10) 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>
- 11) 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>
- 12) 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>
- 13) 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>
- 14) 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>
- 15) **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>
- 16) **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>
- 17) **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>
- 18) **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>

- 19) 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>
- 20) 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>
- 21) 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(13)70073-1)
- 22) 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>
- 23) 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>
- 24) 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**, 21 (2017), 492-508. <http://dx.doi.org/10.1007/s10995-016-2132-8>
- 25) 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>
- 26) 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.
- 27) 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-II-P63.pdf>
- 28) 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(15)00091-1)

- 29) 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>
- 30) 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>
- 31) 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>
- 32) 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>
- 33) T.V. Sekher, **Kaushalendra Kummar**, and V.P. Shijith, 'Catastrophic Health Expenditure, Health Insurance Coverage and Poor in India: New evidence on health care costs leading to impoverishment', eds., **Protecting the Health of the Poor: Social Movements in the South**, London: Zed Books Ltd., 2015.
<https://www.press.uchicago.edu/ucp/books/book/distributed/P/bo22556890.html>

CONFERENCE PRESENTATIONS

- 'The effect of health on economic growth in India: Evidence from the last three decades', **XXVIII IUSSP International Population Conference**, Cape Town, South Africa, Oct. 29 to Nov. 4, 2017.
- 'Effect of Socioeconomic inequality in Health on Economic Wellbeing: Evidence from India', **Human Development and Capability Association (HDCA)**, Tokyo, Japan, Aug. 31 to Sept. 3, 2016.
- 'Socio-economic determinants of alcohol consumption in India', **42nd Annual Alcohol Epidemiology Symposium of the Kettil Bruun Society**, Stockholm, Sweden, May 30 - June 3, 2016.
- 'Effect of Health on Human Capital Accumulation in Ethiopia, India, Peru and Vietnam: A Quantile Regression Approach', **3rd Asian Population Association (APA) Conference**, Kuala Lumpur, Malaysia, 27–30 July, 2015.

- 'Effect of Socioeconomic Inequality in Health on Income and Economic Growth in India', 3rd **Asian Population Association (APA) Conference**, Kuala Lumpur, Malaysia, 27–30 July, 2015.
- 'Pathway from Nutrition status to Wage among Elementary workers in India', **17th World Congress of International Economic Association (IEA)**, Dead Sea, Jordan, 6–10 June, 2014.
- 'Urban-Rural Differences in Health Status among Older Population in India', **XXVII IUSSP International Population Conference**, Busan, South Korea, 26 – 31 August 2013.
- 'Does Public Spending on Health Improve Health Outcome in India', 2nd **India Health Economic and Policy Association (IHEPA) Conference**, Bangalore, India, 20 – 21 December, 2012.

PROFESSIONAL AFFILIATIONS

India Health Economic and Policy Association (IHEPA), Asian Population Association (APA)

RESEARCH GUIDANCE

PhD students: 4; MPhil students: 5; MPS Students: 5; MA/MSc: students supervising: 4; MBD: 4.

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)

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