

Curriculum Vitae

BIOGRAPHICAL DATA

Name: Usha Ram
Address: Plot No. 1 & 2
Ashadeep Residency -2, Gulmohar Park,
Near D-Mart Goner Road, Jagatpura
Jaipur, Rajasthan 302017, India
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PERSONAL SUMMARY

Experienced in implementing large scale sample surveys, analysing large data sets on population and health, teaching in higher education institutions and undertaking research on issues of public health including maternal and child health, adolescent health and minority population and working with non-governmental organizations working on child sexual abuse and nutrition. I developed a new method for estimating mortality for smaller units with missing data which is published in the Lancet Global Health and has been widely appreciated and adopted by several countries, including Ethiopia, Mexico, and Brazil.

RESEARCH INTERESTS

- Maternal and child health
- Mortality estimation for sub-regions and social inequalities in health
- Sexual and reproductive health issues of adolescents, prisoners and minority populations including Scheduled Tribes/Castes and Muslims
- Quality of demographic and health (mortality) data in India
- Mental health; Menstrual hygiene
- Gender equality and women empowerment including gender-based discrimination and violence

ACADEMIC RECORD

2011-5 CIHR-HOPE fellow at the Centre for Global Health Research, St. Michael's Hospital, University of Toronto, CA (2011-2015)
1991 Doctor of Philosophy, Population Studies, University of Bombay, India
1985 Diploma in Population Studies, International Institute for Population Sciences, Mumbai, India
1984 Certificate in Population Studies, International Institute for Population Sciences, Mumbai, India

1982 Master of Arts, Economics, Rajasthan University, India

CONTINUING EDUCATION AND TRAININGS

2016 Post Doctoral Fellow at the Centre for Global Health Research, St. Michael Hospital, Toronto, CA

2005 Summer Course on Reproductive Health and Development at the Bloomberg School of Public Health, John Hopkins University, USA

2001 Summer Course on Population Ageing at the East – West Population Institute, Hawaii University, USA

LANGUAGE COMPETENCY

- Fluent in English Language
- Fluent in Hindi Language (Mother Tongue)
- Fluent in Marathi Language

SCHOLARSHIPS, GRANTS, AWARDS, RECOGNITIONS

SCHOLARSHIPS AND RESEARCH FUNDING

1985-9 Government of India Scholarship for PhD

1985 Gold Medal for the best performance in DPS by the IIPS, India

1984 Government of India Scholarship for DPS

1983 Government of India Scholarship for CPS

TRAVEL GRANTS

- John Hopkins University grants for participating in short term workshops and FPRH conferences.
- CIHR Travel Award for pursuing Post Doctoral research.
- IUSSP travel grants for attending IPC conferences and several other subject specific conferences.
- MPIDR research grants for collaborative research (4 times)
- UNFPA grants for attending consultative meetings in Bangkok and Hague

RECOGNITION

2020 Appeared in the recently released 'Indian Researchers who were Top 2% in 2019 – Stanford Study' (<https://tech-talk.org/2020/11/22/indian-researchers-who-were-top-2-in-2019-stanford-study/>)

Research impact metrics, according to the source:

- Publons/Web of Science (<https://www.webofscience.com/wos/author/search>) :
Total publications: 74
Total citations: 35467
H-Index: 41
- Google Scholar (<https://scholar.google.co.in/citations?user=8EA1-aQAAAAJ&hl=en>) :
Citations: 70455
H-index: 48
i10-index: 75
- Research Gate (<https://www.researchgate.net/profile/Usha-Ram>) :
Publications: 165
Reads: 186,116
Citations: 39,352

WORK EXPERIENCE

2021-23 Head, Department of Biostatistics and Epidemiology, IIPS, India

2013-24 Professor, Depts. of Public Health and Mortality Studies and Biostatistics and Epidemiology, IIPS, India

2015-7 Head, Public Health and Mortality Studies, IIPS, India

2021-3 Chairperson, International Committee (formerly Gender Amity Committee), IIPS, India

2021-3 Member, Centre for Demography of Gender, IIPS, India

2019-21 Coordinator, Short Term training program and Publication Cell, IIPS, India

2016-8 In-charge, ICT Unit IIPS

2011-5 Post-Doctoral Fellow, Centre for Global Health Research (CGHR), St. Michael's Hospital and University of Toronto, Canada

2003-9 Associate Professor, Department of Public Health and Mortality Studied, International Institute for Population Sciences (IIPS), India

1996-2002 Assistant Professor, Population Research Centre, Gokhale Institute of Politics and Economics (GIPE), India

ACADEMIC ACTIVITIES

JOURNAL SERVICES: Reviewer/Guest Editor/Academic Editor

- Population Studies
- Demography
- Demography India
- Lancet Global Health
- Plos One
- Frontiers in Public Health
- Reproductive Health Matter
- BMJ Global Health
- Journal of Epidemiology and Community Health
- Indian Journal of Public Health
- International Health
- International Journal of Public Health
- Journal of Adolescent Health

TEACHING

- Public Health, Morbidity and Mortality
- Demographic Methods
- Social Research Methodology
- Health Economics and Financing
- Introduction to Bio-statistics and Epidemiology
- Gender Equity and Reproductive Health
- Evaluation and Adjustment of Age Data and Population Projections
- Operations Research
- Basic Population Studies

MENTORING EXPERIENCE

COMPLETE

- Supervised/Co-supervised 28 trainees for PhD between 2003 and 2023
- Supervised 65 trainees for MPhil and Masters programs between 2003 and 2023

CONTINUING

- Supervising 2 trainees for PhD
- Co-supervising 8 trainees for PhD

RESEARCH OUTCOMES (SELECTED)

- Ram U, Ramesh BM, Blanchard AK, et al. A tale of two exemplars: the maternal and newborn mortality transitions of two state clusters in India. BMJ Global Health 2024;9:e011413. doi:10.1136/bmjgh-2022-011413

- Bhushan H, Ram U, Scott K, et al. Making the health system work for over 25 million births annually: drivers of the notable decline in maternal and newborn mortality in India. *BMJ Glob Health* 2024;9:e011411. doi:10.1136/ bmjgh-2022-011411
- Usha Ram and F Ram. Neonatal infections in South Asia: challenges ahead. . *Lancet Global Health*, September 2022. [https://www.thelancet.com/journals/langlo/article/PIIS2214-109X\(22\)00305-9/fulltext](https://www.thelancet.com/journals/langlo/article/PIIS2214-109X(22)00305-9/fulltext)
- Neha S Singh, Andrea K Blanchard, Hannah Blencowe, Adam D Koon, Ties Boerma, Sudha Sharma and Oona M R Campbel on behalf of the Exemplars MNH research team Zooming in and out: a holistic framework for research on maternal, late foetal and newborn survival and health. *Health Policy and Planning*, 00, 2022, 1–10. DOI: <https://doi.org/10.1093/heapol/czab148>
- Faujdar Ram and Usha Ram Emerging Evidence of Aging of Childbearing: Case of India and the Selected States. Special Issue of *Demography India* “Population Dynamics and Health Issues in India”, June 2022
- Usha Ram, F Ram, P M Kulkarni. The SRS Data on Early Childhood Mortality in India. *Economic & Political Weekly*. vol IVi no 52. December 25, 2021
- Usha Ram and Faujdar Ram. Demographic Transition in India: Insights into Population Growth, Composition and its Major Drivers. (Manuscript is originally written by Professors Usha Ram and Faujdar Ram for the Oxford University Press, a not-for-profit organization with an office at 198 Madison Avenue, New York, New York 10016 for a work provisionally entitled Oxford Encyclopaedia of Sexual and Reproductive Health under ORE Global Public Health). Under production. Published April 26, 2021.
- Nandita Saikia, Catherine Meh, Usha Ram, Jayanta Kumar Bora, Bhaskar Mishra, Shailaja Chandra, Prabhat Jha. Trends and patterns in unborn girls in India 1981 to 2016: Analyses of 2.1 million birth histories in nationally representative surveys. *Lancet Global Health*, April 2021
- Usha Ram and Prakash Kumar. Incarcerated population in India: How many are dying? How are they dying? *International Journal of Prisoner Health*, 2020
- Usha Ram, Manas R Pradhan, S Patel and F Ram. Patterns and predictors of type of menstrual absorbent use: A study of young women in India. International. *International Perspectives on Sexual and Reproductive Health*. 2020
- Li Liu, Yue Chu, Shefali Oza, Dan Hogan, Jamie Perin, Diego G Bassani, Usha Ram, et al. National, regional, and state-level all-cause and cause-specific under-5 mortality in India in 2000–15: a systematic analysis with implications for the Sustainable Development Goals. *Lancet Glob Health* 2019; 7: e721–34
- Wahl B, Sharan A....Usha R... Arora NK. National, regional, and state-level burden of *Streptococcus pneumoniae* and *Haemophilus influenzae* type b disease in children 1-59 months of age in India from 2000-2015. *Lancet Global Health*. Jun 2019 in *Lancet Global Health*. DOI: 10.1016/S2214-109X(19)30081-6
- Usha Ram and F Ram. To be born and to be alive: the struggle of girl children in subregions of India. *Lancet Global Health* June 2018; vol 6: e594-5.
- Bhanu Duggal, Jyothi Subramanian, Mona Duggal, P. Singh, M Rajivlochan, Sujata Saunik, K. Desiraju, A Avhad, Usha Ram, S Sen, A Agrawal. Survival outcomes post percutaneous coronary intervention: Why the hype about stent type? Lessons from a healthcare system in India. (May 2018). May 2018. *Plos One*; 13(5): e0196830. DOI: 10.1371/JOURNAL.PONE.0196830
- Million Death Study Collaborators (...Usha Ram....). Changes in cause-specific neonatal and 1–59-month child mortality in India from 2000 to 2015: a nationally representative survey. *Lancet* 2017; 390: 1972–80
- Million Death Study Collaborators. (Oct. 2017). Changes in cause-specific neonatal and 1-59-month child mortality in India from 2000 to 2015: a nationally representative survey. Published: Oct 2017 in *The Lancet*. DOI: 10.1016/S0140-6736(17)32162-1

- Prakash Kumar and Usha Ram Patterns, factors associated and morbidity burden of asthma in India. PLoS ONE 2017; 12(10): e0185938. <https://doi.org/10.1371/journal.pone.0185938>
- Lisa Strohschein and Usha Ram. Gender, Marital Status, and Mental Health: A Test of the Sex Role Hypothesis in India. Journal of Family Issues. 2016. pages 1-24. DOI: 10.1177/0192513X16680090.
- M Johri, Stéphane Verguet, Shaun K. Morris, Jitendar K Sharma, Usha Ram, Cindy Gauvreau, Edward Jones, Prabhat Jha, Mark Jit. Adding interventions to mass measles vaccinations in India. Bulletin of the World Health Organization, 2016;94:718–727 | doi: <http://dx.doi.org/10.2471/BLT.15.160044>
- Usha Ram, Rajesh Dikshit, Prabhat Jha. (Jun 2016). Level of evidence of verbal autopsy Reply. Published: Jun 2016 in The Lancet Global Health. DOI: 10.1016/S2214-109X(16)30045-6
- Dubey M, Ram Usha, Ram F (2015) Threshold Levels of Infant and Under-Five Mortality for Crossover between Life Expectancies at Ages Zero, One and Five in India: A Decomposition Analysis. PLOS ONE 10(12): e0143764. <https://doi.org/10.1371/journal.pone.0143764>
- 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, Faujdar Ram. Age-specific and sex-specific adult mortality risk in 597 Districts of India in 2014: National Surveys of 0•27 Million nationally surveyed Deaths and demographic estimates from 597 districts. Published: Dec 2015 in The Lancet Global Health. DOI: 10.1016/S2214-109X(15)00091-1
- Shaza A. Fadel, Usha Ram, Shaun K. Morris, Rehana Begum, Anita Shet, Raju Jotkar, Prabhat Jha. Facility delivery, postnatal care and neonatal deaths in India: nationally representative case-control studies. Published: Oct 2015 in Plos One. DOI:10.1371/journal.pone.0140448
- K Kumar, Ashish Singh, S Kumar, F Ram, Abhishek Singh, Usha Ram, J Negin, PR Kowal. (2015) Socio-Economic Differentials in Impoverishment Effects of Out-of-pocket Health Expenditure in China and India: Evidence from WHO SAGE. PLoS ONE 10(8): e0135051. doi:10.1371/journal.pone.0135051
- Montgomery AL, Ram U, Kumar R, Jha P, for The Million Death Study Collaborators (2014) Maternal Mortality in India: Causes and Healthcare Service Use Based on a Nationally Representative Survey. PloS ONE 9(1): e83331. doi:10.1371/journal.pone.0083331.
- Usha Ram, Prabhat Jha, Faujdar Ram, Rajesh Kumar. Absolute and relative declines in child mortality in India's districts during 2001–12. The Lancet Global Health: January, 2014, vol 2, e20-e21 DOI: 10.1016/S2214-109X(13)70182-7
- Usha Ram, L. Strohschein and K Gaur. (2014). Gender socialization: Differences between male and female youth in India and associations with mental health. International Journal of Population Research; Volume 2014, Article ID 357145, 11 pages. <http://dx.doi.org/10.1155/2014/357145>
- Usha Ram, Prabhat Jha, Faujdar Ram, Kaushalendra Kumar, Shally Awasthi, Anita Shet, Joy Pader, Stella Nansukusa, Rajesh Kumar. Neonatal, 1–59 month, and under – 5 mortality in 597 Indian districts, 2001 to 2012: estimates from national demographic and mortality surveys. The Lancet Global Health: September 19, 2013, DOI: 10.1016/S2214 – 109X(13)70073 – 1, e1-e8.
- Morris SK, Awasthi S, Kumar R, Shet A, Khera A, Nakhaee F, Ram U, Brandao JR, Jha P; MDS Collaborators. Measles mortality in high and low burden districts of India: Estimates from a nationally representative study of over 12,000 child deaths. Vaccine. 2013 Sep 23;31(41):4655 – 61. doi: 10.1016/j.vaccine.2013.07.012. Epub 2013 Jul 19
- Prabhat Jha, Maya A Kesler, Rajesh Kumar, Faujda Ram, Usha Ram, Lukasz, Aleksandrowicz, Shailaja Chandra, Jayant K Banthia Trends in selective abortion of female foetuses in India: analysis of birth histories from 1990 – 2005 and census data from 1991 – 2011. The Lancet: June 4-10 , 2011, Vol 377, No. 9781, pp. 2921-8. DOI: 10.1016/S0140 – 6736(11)60649 – 1

- K G Santhya, Usha Ram, Rajib Acharya, Shireen J. Jejeebhoy, F Ram and Abhishek Singh. Association between early marriage and young women's marital and reproductive health outcomes: Evidence from India. *International Perspectives on Sexual and Reproductive Health*: 36(3): 132 – 139 (Sept. 2010). DOI: 10.1363/3613210
- Usha Ram, L.K. Dwivedi and Baishali Goswami. Understanding Contraception Use among Muslims of India, Pakistan and Bangladesh *Journal of Population and Social Studies*.15 (2): 101 – 130. 2007
- Usha Ram. Levels and Patterns of Permanent Childlessness in India and Its States. *Demography India*: 39(1):81-101. 2010
- Susheela Singh, Usha Ram, Ann M. Moore and Haley Ball. "Protecting the Sexual and Reproductive Health of Adolescent Women in India" *FOGSI Adolescent Newsletter*. 2010

RESEARCH PROJECTS COMPLETED

- PI, Exemplars in Global Health: National and subnational investigation of the drivers of success in maternal and newborn mortality reduction in India jointly implemented by the IIPS, NHSRC, IHAT and University of Manitoba
- Principal Investigator, Assessment of Quality of Mortality Data from Large Sample Surveys in India (MoHFW)
- PI, Tribal health Indicators at the district level for the PMSRI, India
- PI, IIPS-PRC collaborative project on Utilization of RCH services during Pandemic (COVID-19): An assessment funded by the MoHFW
- PI, Use of Verbal autopsy for assessing the causes of death in Amravati district of Maharashtra (COD project)
- PI, John Hopkins University funded Family Wealth and Health Studies
- PI, Ministry of Health and Family Welfare, Government of India funded Concurrent Evaluation of the National Rural Health Mission
- PI, MacArthur and Packard Foundations funded Youth in India: Situation and Needs Study
- Co-PI, Population Council of India funded First Time Pregnant Women Project
- Co-PI, UNFPA, India funded District Level Vital Statistics – Methodology, Software and Training under the State Human Development Planning
- Co-PI, Population Council of India funded Shaping Demand and Practices to Improve Reproductive, Maternal, Newborn and Child Health and Nutrition Outcomes in Northern India
- Co-PI, World Bank funded Costing of Health Care in Public Health Facilities in Maharashtra

PROFESSIONAL AFFILIATIONS

- Member, Scientific Advisory Committee (SAC) for ICMR -RMRC. Bhubaneshwar (Odisha) (2023-26)
- Member, Scientific Advisory Committee (SAC) for ICMR -RMRC. Gorakhpur (Uttar Pradesh) (2023-26)
- General Secretary, Indian Association for the Study of Population (IASP), 2022-24; former Joint Secretary, Indian Association for the Study Population (2006-2011)

- Member, Editorial Board, Lancet EClinical Medicine
 - o <https://www.thelancet.com/eclinm/advisory-board> (since 2019)
- Member, Editorial Board of the Canadian Studies in Population (CSiP) - 2021-23 (<https://www.springer.com/journal/42650/editors>). With effect from October 1, 2021
- Member, Editorial Board, Journal of Aging and Elderly Health (since august 2015)
 - o <https://www.inscienz.com/journals/ageing/usha-ram.php>
- Research Advisory Board, ARPAN, an NGO working for child sexual abuse prevention in India (since 2017) <https://www.arpn.org.in/board-members-advisors/>
- Expert resource person of the Belongg Circle. An organization that curates experts on intersectional inclusion (gender, sexuality, caste, race, disability, faith, and more) across a range of domains (healthcare, education, housing, jobs, cities, energy, WASH, and more). The organization facilitates invite experts to be a speaker, conduct workshops, participate in research or journalism interviews, media panels. ([\(Usha Ram \(belonggcircle.com\)\)](http://Usha Ram (belonggcircle.com))) (March 2021 to present)
- Life member, Indian Association for the Study Population
- Life member, IASSH
- Member IUSSP

CONSULTANT

Consultant, UNFPA, Vietnam for estimating fertility and mortality from census data
 Consultant, UNFPA for evaluation of the projects on Empowering adolescent girls” being implemented in Beed and Thane, India
 Consultant, Sexual and Reproductive Health Needs of Adolescents in India, Guttmacher Institute, USA

INTERNATIONAL COLLABORATION

- University of Manitoba, Winnipeg, CA
- Centre for Global Health Research, St. Michael Hospital, Toronto, CA
- John Hopkins University, USA
- UNFPA, India and Vietnam
- Max Plan Institute for Demographic Research, Germany
- Guttmacher Institute, USA
- University of Alberta, CA
- Population Council, India
- IHMP - GBD, USA
- UCSD, USA

VOLUNTEER AND COMMUNITY SERVICE EXPERIENCE

- Volunteering with the ARPAN, an NGO working for the prevention of child sexual abuse in India since 2010

INVITED TALKS

- International (15)
- National (more than 50)