Curriculum vitae

Name: Dr. Prashant Kumar Singh

Designation: Scientist-D

Division/Department: Division of Preventive Oncology and Population Health

Educational Qualification

Post-Doctoral (MPIDR, Germany)

PhD in Population Studies (IIPS, Mumbai) Master in Population Studies (IIPS, Mumbai) Master in Geography (BHU, Varanasi)

Work Experience

2018 – present *Scientist-D*, ICMR – National Institute of Cancer Prevention &

Research, Indian Council of Medical Research, Noida, Uttar Pradesh –

201301, India

2016 – 2018 Assistant Professor, Department of Policy Studies, TERI School of

Advanced Studies (earlier TERI University), New Delhi – 110070, India

2014 – 2015 *Post-Doctoral Fellow*, Max Planck Institute for Demographic Research

(MPIDR), Rostock, Germany

2013 – 2016 Associate Fellow (Assistant Professor), Institute for Human

Development (an Indian Council of Social Science Research (ICSSR)

recognized research institute), New Delhi - 110002, India.

2010 – 2013 Senior Research Fellow, International Institute for Population Sciences

(IIPS), Mumbai, India.

2008 – 2010 **Research Officer**, International Institute for Population Sciences (IIPS),

Mumbai.

Research Interests: Cancer prevention, tobacco control, non-communicable diseases,

social determinants of health and nutrition, gender gaps in health

and survival, maternal and child health

Membership of Professional Societies:

Indian Association for Social Science and Health (IASSH) : Life member Indian Association for Studies in Population (IASP) : Life member International Prevention Research Institute (IPRI), France : Life member

Population Association of America (PAA) : Member

Asian Population Association (APA) : Member International Union for Scientific Studies in Population (IUSSP) : Member

Publications: (latest first and in Vancouver style only with latest impact factor):

2023

Balhara YP, Sarkar S, **Singh PK**, Chattopadhyay A, Singh S. Impact of three years of prohibition on extent and pattern of alcohol use in Bihar: Observations and insights from the National Family Health Survey. Asian Journal of Psychiatry. 2023 Apr 1;82:103479. https://doi.org/10.1016/j.ajp.2023.103479 [Impact Factor: 13.89]

- **Singh PK**, Singh L, Wehrmeister FC, Singh N, Kumar C, Singh A, Sinha DN, Bhutta ZA, Singh S. Prevalence of smoking and smokeless tobacco use during breastfeeding: A cross-sectional secondary data analysis based on 0.32 million sample women in 78 low-income and middle-income countries. eClinicalMedicine. 2022 Nov 1;53:101660. https://doi.org/10.1016/j.eclinm.2022.101660 [Impact Factor: 17.03]
- Singh PK, Jain P, Singh N, Singh L, Kumar C, Yadav A, Subramanian SV, Singh S. Social desirability and under-reporting of smokeless tobacco use among reproductive age women: Evidence from National Family Health Survey. SSM-Population Health. 2022 Sep 1;19:101257. https://doi.org/10.1016/j.ssmph.2022.101257 [Impact Factor: 4.09]
- **Singh PK**, Jain R, Tyagi A, Yadav A, Singh S. Smokeless tobacco industry's brand stretching through FM radio: A study from Delhi National Capital Region, India. Frontiers in Public Health. 2022;10. https://doi.org/10.3389%2Ffpubh.2022.999552 [Impact Factor: 6.46]
- **Singh PK**, Jain P, Singh N, Singh L, Singh S. Smokeless Tobacco Use among Pregnant Women in India: The Tale of Two Nationally Representative Surveys. Asian Pacific Journal of Cancer Prevention. 2022 Feb 1;23(2):389-92. https://doi.org/10.31557/APJCP.2022.23.2.389
- Singh PK, Dubey R, Singh L, Singh N, Kumar C, Kashyap S, Subramanian SV, Singh S. Mixed Effect of Alcohol, Smoking, and Smokeless Tobacco Use on Hypertension among Adult Population in India: A Nationally Representative Cross-Sectional Study. International Journal of Environmental Research and Public Health. 2022 Mar 9;19(6):3239. https://doi.org/10.3390/ijerph19063239 [Impact Factor: 4.61]
- **Singh PK**, Sinha P, Singh N, Singh L, Singh S. Does secondhand smoke exposure increase the risk of acute respiratory infections among children aged 0–59 months in households

- that use clean cooking fuel? A cross-sectional study based on 601 509 households in India. Indoor air. 2022 Jan;32(1):e12980. https://doi.org/10.1111/ina.12980 [Impact Factor: 6.55]
- Singh L, Sinha P, Singh A, **Singh PK**, Singh S. Estimating the quantity of smokeless tobacco consumption among older adults in India. Clinical Epidemiology and Global Health. 2022 Sep 1;17:101150. https://doi.org/10.1016/j.cegh.2022.101150
- Saxena S, **Singh PK**, Singh L, Kashyap S, Singh S. Smokeless Tobacco Use and Public Health Nutrition: A Global Systematic Review. Public Health Nutrition. 2022 May 27:1-31. https://doi.org/10.1017/S1368980022001331 [Impact Factor: 4.54]
- Balhara YP, **Singh PK**, Sarkar S, Chattopadhyay A, Singh S. How and What are Indians Drinking? Findings from the National Family Health Survey. Alcohol and alcoholism. 2022 Nov;57(6):674-7. https://doi.org/10.1093/alcalc/agac035 [Impact Factor: 3.91]
- Singh L, Dubey R, **Singh PK**, Nair S, Rai RK, Rao MV, Singh S. Coverage of quality maternal and newborn healthcare services in India: examining dropouts, disparity and determinants. Annals of Global Health. 2022 May 26;88(1). http://doi.org/10.5334/aogh.3586 [Impact Factor: 3.64]
- Sarkar B, Dutta S, **Singh PK**. Drought and temporary migration in rural India: A comparative study across different socio-economic groups with a cross-sectional nationally representative dataset. Plos one. 2022 Oct 7;17(10):e0275449.

 https://doi.org/10.1371/journal.pone.0275449 [Impact Factor: 3.75]
- Parida J, Jena Samanta L, Badamali J, **Singh PK**, Patra PK, Mishra BK, Pati S, Kaur H, Acharya SK. Prevalence and determinants of undernutrition among adolescents in India: A protocol for systematic review and meta-analysis. PloS one. 2022 Jan 24;17(1):e0263032. https://doi.org/10.1371/journal.pone.0263032 [Impact Factor: 3.75]
- Menon GR, Yadav J, Aggarwal S, Singh R, Kaur S, Chakma T, Periyasamy M, Venkateswaran C, **Singh PK**, Balachandar R, Kulkarni R. Psychological distress and burnout among healthcare worker during COVID-19 pandemic in India—A cross-sectional study. PloS one. 2022 Mar 10;17(3):e0264956. https://doi.org/10.1371/journal.pone.0264956 [Impact Factor: 3.75]
- Senapati RE, Parida J, Badamali J, Jena S, Patsani P, Panda A, Behera SS, Pradhan A, **Singh PK**, Mishra BK, Patra PK. The patterns, trends and major risk factors of suicide among Indian adolescents—A scoping review protocol. PLoS one. 2022 Nov 17;17(11):e0277422. https://doi.org/10.1371/journal.pone.0277422 [Impact Factor: 3.75]

- **Singh PK**, Jain P, Pandey V, Saxena S, Tripathi S, Kumar A, Singh L, Singh S. Smokeless tobacco quitting during COVID-19: A mixed-methods pilot study among participants screened for a cessation trial in India. Clinical epidemiology and global health. 2021 Oct 1;12:100902. https://doi.org/10.1016/j.cegh.2021.100902
- **Singh PK,** Yadav A, Singh L, Mazumdar S, Sinha DN, Straif K, Singh S. Areca nut consumption with and without tobacco among the adult population: a nationally representative study from India. BMJ Open. 2021 June 10.1136/bmjopen-2020-043987 [Impact Factor: 2.69]
- **Singh, P.K.,** Acharya, S., Jain, P., Singh, S. COVID-19 as an opportunity for smokeless tobacco control and prohibiting spitting in public places. Clinical Epidemiology and Global Health, 2021 June 8 https://doi.org/10.1016/j.cegh.2021.100794
- **Singh PK**, Singh N, Jain P, Sinha P, Kumar C, Singh L, Singh A, Yadav A, Balhara YP, Kashyap S, Singh S. Mapping the triple burden of smoking, smokeless tobacco and alcohol consumption among adults in 28,521 communities across 640 districts of India: A sexstratified multilevel cross-sectional study. Health & Place. 2021 May 1;69:102565. https://doi.org/10.1016/j.healthplace.2021.102565 [Impact Factor: 4.1]
- **Singh PK**, Singh N, Jain P, Shukla SK, Singh L, Singh S. Slum and non-slum differences in tobacco and alcohol use among the adult population: a sex-stratified study from eight megacities of India. Journal of Substance Use. 2021 May 1:1-0. https://doi.org/10.1080/14659891.2021.1916849 [Impact Factor: 1.7]
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Nicotine & tobacco research. 2021 Apr 12. https://doi.org/10.1093/ntr/ntab065 [Impact Factor: 4.07]

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- Rai RK, Kumar C, Singh L, **Singh PK**, Acharya SK, Singh S. Rising burden of overweight and obesity among Indian adults: empirical insights for public health preparedness. Journal of Biosocial Science. 2020 Sep 23:1-5. https://doi.org/10.1017/S0021932020000486 [Impact Factor: 1.20]
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- Singh S, Jain P, **Singh PK**, Reddy KS, Bhargava B. White paper on smokeless tobacco & women's health in India. The Indian Journal of Medical Research. 2020 Jun;151(6):513. https://doi.org/10.4103/ijmr.ijmr_537_20 [Impact Factor: 1.50]
- **Singh PK**, Dubey R, Singh L, Kumar C, Rai RK, Singh S. Public health interventions to improve maternal nutrition during pregnancy: a nationally representative study of iron and folic acid consumption and food supplements in India. Public Health Nutrition. 2020 Oct;23(15):2671-86. https://doi.org/10.1017/s1368980020001007 [Impact Factor: 3.18]
- Yadav A, **Singh PK**, Yadav N, Kaushik R, Chandan K, Chandra A, Singh S, Garg S, Gupta P, Sinha, D, Mehrotra R. Smokeless tobacco control in India: policy review and lessons for high-burden countries. BMJ Global Health, 2020;5(7), e002367. http://dx.doi.org/10.1136/bmjgh-2020-002367 [Impact Factor:4.28]
- **Singh PK**, Yadav A, Singh L, Singh S, Mehrotra R. Social determinants of dual tobacco use in India: an analysis based on the two rounds of global adult tobacco survey. Preventive medicine reports. 2020 Jun 1;18:101073. https://doi.org/10.1016/j.pmedr.2020.101073 [Impact Factor: 1.20]
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Singh PK, Yadav A, Lal P, Sinha DN, Gupta PC, Swasticharan L, Singh S, Mehrotra R. Dual burden of smoked and smokeless tobacco use in India, 2009–2017: a repeated cross-sectional analysis based on global adult tobacco survey. Nicotine and Tobacco Research. 2020 Dec;22(12):2196-202. https://doi.org/10.1093/ntr/ntaa033 [Impact Factor: 4.07]

2019

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- **Singh PK**, Singh L, Dubey R, Singh S, Mehrotra R. Socioeconomic determinants of chronic health diseases among older Indian adults: a nationally representative cross-sectional multilevel study. BMJ open. 2019 Sep 1;9(9):e028426. http://dx.doi.org/10.1136/bmjopen-2018-028426 [Impact Factor: 2.49]
- Singh L, Dubey R, Singh S, Goel R, Nair S, **Singh PK**. Measuring quality of antenatal care: a secondary analysis of national survey data from India. BJOG: An International Journal of Obstetrics & Gynaecology. 2019 Aug;126:7-13. https://doi.org/10.1111/1471-0528.15825 [Impact Factor: 4.66]
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- Singh L, **Singh PK**. Social network and life satisfaction among older adults in rural Uttar Pradesh, India: an application of structural equation modelling. Journal of Public Health. 2020 Oct;28(5):491-502. https://doi.org/10.1007/s10389-019-01074-4 [Impact Factor: 1.80]

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- **Singh PK**, Rai RK, Singh S, Singh L. Rising caesarean births in India: a growing concern. Economic & Political Weekly. 2018; 53(26-27): 22-24

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- Oksuzyan A, **Singh PK**, Christensen K, Jasilionis D. A cross-national study of the gender gap in health among older adults in India and China: Similarities and disparities. The Gerontologist. 2018 Nov 3;58(6):1156-65. doi.org/10.1093/geront/gnx111 [Impact Factor: 3.28]

2017

Rai RK, Singh L, **Singh PK**. Is maternal body mass index associated with neonatal mortality? A pooled analysis of nationally representative data from nine Asian countries. Nutrition. 2017 Sep 1;41:68-72. doi: 10.1016/j.nut.2017.04.002 [Impact Factor: 3.64]

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- Global Burden of Disease 2015 Maternal Mortality Collaborators (**Singh PK**) (2016). Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388(10053):1775-1812. doi: 10.1016/S0140-6736(16)31470-2. [Impact Factor: 60.39]
- Global Burden of Disease 2015 Child Mortality Collaborators (**Singh PK**) (2016). Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388(10053):1725-1774. doi: 10.1016/S0140-6736(16)31575-6. [Impact Factor: 60.39]
- Global Burden of Disease 2015 DALYs and HALE Collaborators (**Singh PK**) (2016) Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*, 388(10053):1603-1658. doi: 10.1016/S0140-6736(16)31460-X. [Impact Factor: 60.39]
- Lim SS, Allen K, Bhutta ZA, Dandona L, Forouzanfar MH, Fullman N, Gething PW, Goldberg EM, Hay SI, Holmberg M, Kinfu Y. Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of

- Disease Study 2015. The Lancet. 2016 Oct 8;388(10053):1813-50. doi: 10.1016/S0140-6736(16)31467-2. [Impact Factor: 60.39]
- Kumar C, **Singh PK**, Singh L, Rai, RK. Socioeconomic disparities in coverage of full immunisation among children of adolescent mothers in India, 1990–2006: a repeated cross-sectional analysis. BMJ Open, 2016;6(8):e009768. DOI: 10.1136/bmjopen-2015-009768. [Impact Factor: 2.49]
- Singh L, **Singh PK**, Arokiasamy P. Social network and mental health among older adults in Rural Uttar Pradesh, India: a cross-sectional study. Journal of cross-cultural gerontology. 2016 Jun 1;31(2):173-92. DOI: 10.1007/s10823-016-9286-0. [Impact Factor: 1.5]
- Rai RK, **Singh PK**, Kumar C. Is the use of maternal healthcare among prospective mothers higher in households that have experienced maternal death? Evidence from India. Health policy and planning. 2016 Sep 1;31(7):844-52. <u>DOI:10.1093/heapol/czv140</u>. [Impact Factor: 2.70]

2015

Rai RK, **Singh PK**. No incentive for postnatal care in *Indian Indira Gandhi Matritva Sahyog Yojana (IGMSY)*. Perspective in Public Health [Sage]. 2015;135(2): 1-2. DOI: 10.1177/1757913914566549.

2014

- **Singh PK**, Parasuraman S. 'Looking beyond the male–female dichotomy'–Sibling composition and child immunization in India, 1992–2006. Social Science & Medicine. 2014 Apr 1;107:145-53. DOI: 10.1177/1757913914566549 [Impact Factor: 3.61]
- **Singh PK**, Kumar C, Rai RK, Singh L. Factors associated with maternal healthcare services utilization in nine high focus states in India: a multilevel analysis based on 14 385 communities in 292 districts. Health policy and planning. 2014 Aug 1;29(5):542-59. DOI:10.1093/heapol/czt039 [Impact Factor: 2.70]
- Mazumdar S, Mazumdar PG, Kanjilal B, **Singh PK**. Multiple shocks, coping and welfare consequences: natural disasters and health shocks in the Indian Sundarbans. PloS one. 2014 Aug 29;9(8):e105427. DOI: 10.1371/journal.pone.0105427 [Impact Factor: 2.74]

2013

Singh PK. Trends in child immunization across geographical regions in India: focus on urban-rural and gender differentials. PloS one. 2013 Sep 4;8(9):e73102. <u>DOI:</u> 10.1371/journal.pone.0073102. [Impact Factor: 2.74]

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- **Singh PK**, Singh L. Examining inter-generational differentials in maternal health care service utilization: Insights from the Indian Demographic and Health Survey. Journal of biosocial science. 2014 May 1;46(3):366. <u>DOI: 10.1017/S0021932013000370.</u> [Impact Factor: 1.20]
- **Singh PK**, Singh L, Kumar C, Rai RK. Correlates of maternal healthcare service utilisation among adolescent women in Mali: analysis of a nationally representative cross-sectional survey, 2006. Journal of Public Health. 2013 Feb;21(1):15-27. <u>DOI: 10.1007/s10389-012-0516-9</u>.
- **Singh PK**, Rai RK, Alagarajan M. Addressing maternal and child health in post-conflict Afghanistan: the way forward/Prise en charge de la sante de la mere et de l'enfant en Afghanistan apres les conflits: orientations futures. Eastern Mediterranean Health Journal. 2013 Sep 1;19(9):826. [Impact Factor: 0.67]
- Mazumdar S, **Singh PK**. Ensuring Universal Coverage for Maternal, Newborn and Child Health Services in India: Equity and Quality Perspectives. Indian Journal of Human Development. 2013 Jul;7(2):348-50. DOI: https://doi.org/10.1177/0973703020130215
- Kumar C, **Singh PK**, Rai RK. Coverage gap in maternal and child health services in India: assessing trends and regional deprivation during 1992–2006. Journal of public health. 2013 Dec 1;35(4):598-606. DOI: 10.1093/pubmed/fds108. [Impact Factor: 2.1]
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- Rai RK, **Singh PK**, Kumar C, Parasuraman S. Teenage childbearing: a growing public health concern in need of urgent policy and program action. Journal of Public Health. 2013 Aug;21(4):379-84. DOI: 10.1007/s10389-012-0551-6.

- Kumar C, Rai RK, **Singh PK**, Singh L. Socioeconomic disparities in maternity care among Indian adolescents, 1990–2006. PloS one. 2013 Jul 23;8(7):e69094. <u>DOI:</u> 10.1371/journal.pone.0069094. [Impact Factor: 2.74]
- Kumar C, Rai RK, **Singh PK**. Reducing infant (0–11 months) and child (0–4 years) mortality in India: a disposition from the Sample Registration System. Journal of Public Health. 2013 Dec;21(6):575-82. DOI: 10.1007/s10389-013-0585-4
- Singh L, Arokiasamy P, **Singh PK**, Rai RK. Determinants of gender differences in self-rated health among older population: evidence from India. Sage Open. 2013 May 3;3(2):2158244013487914. DOI: 10.1177/2158244013487914. [Impact Factor: 0.71]
- Rai RK, **Singh PK**, Kumar C, Singh L. Factors associated with the utilization of maternal health care services among adolescent women in Malawi. Home health care services quarterly. 2013 Apr 1;32(2):106-25. <u>DOI:10.1080/01621424.2013.779354</u>.

- **Singh PK**, Rai RK, Singh L. Examining the effect of household wealth and migration status on safe delivery care in urban India, 1992–2006. PLoS One. 2012 Sep 7;7(9):e44901. <u>DOI:10.1371/journal.pone.0044901</u>. [Impact Factor: 2.74]
- **Singh PK**, Rai RK, Alagarajan M, Singh L. Determinants of maternity care services utilization among married adolescents in rural India. PloS one. 2012 Feb 15;7(2):e31666. DOI:10.1371/journal.pone.0031666. [Impact Factor: 2.74]
- Kumar C, **Singh PK**, Rai RK. Under-five mortality in high focus states in India: a district level geospatial analysis. Plos one. 2012 May 18;7(5):e37515. <u>DOI:</u> 10.1371/journal.pone.0037515. [Impact Factor: 2.74]
- Rai RK, **Singh PK**, Singh L. Utilization of maternal health care services among married adolescent women: insight from Nigeria demographic and health survey, 2008. Women's Health Issues [Elsevier]. 2012;22(4): e407-e414. <u>DOI: 10.1016/j.whi.2012.05.001.</u> [Impact Factor: 2.35]
- Rai RK, **Singh PK**. Janani Suraksha Yojana: the conditional cash transfer scheme to reduce maternal mortality in India—a need for reassessment. WHO South-East Asia journal of public health. 2012 Oct 1;1(4):362.
- Rai RK, Kumar C, **Singh PK**. District level coverage gap in maternal, newborn and child health care services in India. Journal of epidemiology and global health. 2012 Dec 1;2(4):221-4. DOI: 10.1016/j.jegh.2012.12.004. [Impact Factor: 2.2]

Singh L, Rai RK, **Singh PK**. Assessing the utilization of maternal and child health care among married adolescent women: evidence from India. Journal of biosocial science. 2012;44(1):1. <u>DOI:10.1017/S0021932011000472</u>. [Impact Factor: 1.21]

Popular articles/op-ed/media-coverage: (latest first and provide title and link):

- 2022 Tobacco use during pregnancy: A threat to motherhood. **DownToEarth**, May 31, 2022 https://www.downtoearth.org.in/blog/health/tobacco-use-during-pregnancy-a-threat-to-motherhood-83097
- What is the cost of cancer care in India? **The Week,** February 14, 2020 https://www.theweek.in/news/health/2020/02/26/what-is-the-cost-of-cancer-care-in-india.html
- 2019 Breastfeeding Advantages for Women's Health. **India Against Cancer**, September, 2019 http://cancerindia.org.in/breastfeeding-advantages-womens-health/
- 'Obesity and Breast Cancer: a wakeup call'. **India Science Wire,** May 9, 2019. https://vigyanprasar.gov.in/isw/Obesity-and-breast-cancer-a-wakeup-call.html
- 2019 'Stan Cancer aur Motapa (in Hindi)' Dainik Jagran, June, 26, 2019
- 'Obesity and Breast Cancer: a wakeup call'. **Down To Earth,** May 9, 2019.

 https://www.downtoearth.org.in/blog/health/obesity-and-breast-cancer-a-wakeup-call-64455
- 2019 *'No ifs or butts'*. **The Hindu**, Feb. 23, 2019 https://www.thehindu.com/scitech/science/no-ifs-or-butts/article26349412.ece
- 'Immunisation coverage in India remains too low, study finds, **British Medical Journal** 2013; 347: f5573 doi: 10.1136/bmj.f5573. Web link:http://www.bmj.com/content/347/bmj.f5573?etoc=]

Fellowships/Awards/Patents (academic/national/international):

International

- 2021 **Member**, Global Equity Expert Review Group, World Health Organization (WHO), Geneva, 2021.
- 2018 **Invited Researcher** from the British Society for Population Studies (BSPS), Dept. of Social Policy, The London School of Economics and Political Science, 2018.
- 2018 Awarded Scholarship from Indian Council of Medical Research (ICMR), New Delhi for attending the 4th Asian Population Association (APA) Conference, Shanghai University, China, 2018
- 2018 **Guest Researcher,** Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany, 2018.

- Awarded Scholarship "28th International Population Conference of the International Union for the Scientific Study of Population (IUSSP)", Cape Town, South Africa, 2017.
- **Guest Researcher,** Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany, 2017.
- **Max Planck-India Mobility Grant,** Max Planck Society, Germany for collaborative research with scientists from the Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany, 2016.
- **Post-Doctoral Fellowship,** Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany, 2015.
- **Guest Researcher,** Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany, 2015.
- **Invited Researcher,** Global Health Group, University of California, San Francisco, and Bill & Melinda Gates Foundation, Seattle, USA, 2014.
- **Awarded Scholarship** for attending the annual meeting of "Population Association of America (PAA) "Boston, USA, 2014.
- **Awarded Scholarship** for attending the "27th International Union for the Scientific Study of Population (IUSSP)", Busan, South Korea, 2013.
- **Awarded Scholarship** for attending the "2nd Global Maternal Health Conference (GMHC)", Arusha, Tanzania, 2013.
- **Awarded Scholarship** for attending the "2nd Asian Population Association Conference", August 26-29, 2012, Bangkok, Thailand.
- **Awarded Scholarship** for attending the "23rd International Summer School of Epidemiology", Institute of Epidemiology, University of Ulm, Germany, 2012.
- **Awarded Scholarship** for attending the "5th Asia Pacific Conference on Reproductive and Sexual Health and Rights", Beijing, China, 2019.
- **Awarded Scholarship from** International Prevention Research Institute University of Dundee Scholarship for attending the "Summer School on Epidemiology and Global Health", University of Dundee, Dundee, Scotland, UK, 2011.
- **Awarded Scholarship** for attending the "10th Annual East-West Centre International Graduate Student Conference on the Asia-Pacific Region", Honolulu, Hawaii, USA, 2011.
- **Awarded Scholarship** for attending the "Global Maternal Health Conference (GMHC)", New Delhi, 2010.

National

- **Academic Excellence Award** for the highest cumulative impact factor of publications during year 2020-2021 at ICMR-NICPR, NOIDA.
- **Award for non-academic contribution** to the Institute during the year 2020-2021 at ICMR-NICPR, NOIDA.
- **Best Poster Award** for the paper entitled "Does family structure matter in cancer screening? an observational study on Indian women", at the International Conference on Women's Reproductive Health: A step towards improving quality of life' held at ICMR National Institute for Research in Reproductive Health, Mumbai, 2020.
- **Best Poster Award** for the paper entitled "The social determinants of childhood obesity and cancer: A systematic review of India", at the International Conference on Women's Reproductive Health: A step towards improving quality of life' held at ICMR National Institute for Research in Reproductive Health, Mumbai, 2020.
- **Invited Member**, Preventive Oncology and Primary Care Guideline Group established under the National Cancer Grid, Tata Memorial Centre, Mumbai, 2019.
- Guest Faculty, Department of Policy Studies, TERI School of Advanced Studies, New Delhi. Offered nine hrs. lecture for mid-career bureaucrats of the UPSC services on 'Public Health in India: Progress and Challenges' as part of Public Policy Programme supported by DoPT, Govt. of India, 2019.
- **Awarded Scholarship** to attend the 4th National Conference on Tobacco or Health, held at Tata Memorial Hospital, Mumbai, 2019.
- **Evaluator** for the "Youth Best Paper Award Competition" in the 16th IASSH Annual Conference, 2018 on the theme, "Health, Well-Being and Regional Development: Emerging Issues and Challenges", Centre for Regional Development, Jawaharlal University (JNU), New Delhi, 2018.
- 2011 Received **Best Poster Award** for the poster entitled 'How far older sibling composition affects child immunization? Evidence from South Asian countries', in the "9th Annual Conference of the Indian Association for Social Science and Health (IASSH), Tata Institute for Social Sciences, Mumbai, 2011.
- **Awarded Scholarship** from the New York Academy of Medicine for attending the "10th International Conference on Urban Health", Belo Horizonte, Brazil, 2011
- 2010 Recipient of Government of India/National Eligibility Test Fellowship (GOI/NET), for pursuing Doctor of Philosophy in Population Studies at the International Institute for Population Sciences (IIPS), Mumbai, India jointly with Ministry of Health and Family Welfare and Ministry of Human Resource Development, Government of India, 2010.
- 2009 Secured **First Award in Poster Title Competition** organized by the International Institute for Population Science (IIPS), Mumbai on the 'Gender Issue in India', 2009.

- 2008 Qualified **National Eligibility Test (NET)** in Population Studies, University Grants Commission (UGC), 2008.
- 2007 Recipient of **Government of India Fellowship** from the Ministry of Health and Family Welfare, Govt. of India for perusing Master of Population Studies Program, International Institute for Population Sciences (IIPS), Mumbai, India, 2007.

Presentations/Talks/Lectures: (latest first, title of the presentation, organized by and date)

- 2022 'Consumption of smokeless tobacco among pregnant and lactating women: A challenge for cancer prevention in India', (jointly with Ms. Rupal Jain & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 'Challenges associated with community cancer screening (cervical, breast and oral) among older adults: A community based pilot study in low and middle income setting', (jointly with Ms. Chandresh Pragya Verma & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 2022 'Role of Smokeless Tobacco in Metabolic Reprogramming and cancer initiation', (jointly with Ms. Sanchita Roy Pradhan & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 'Prevalence and socio -economic disparity in tobacco use among men and women in India: in comparison of NFHS-4 and NFHS -5', (jointly with Ms. Vandana Tamrakar & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 'Development and testing of behavioral change intervention package for smokeless tobacco (SLT) cessation among low-income communities: A pilot study from low income communities in India', (jointly with Ms. Varsha Pandey & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 2022 'Question wording' influences responses of self-reported cancer screening status among women in a nationally representative survey: an analysis of the national family health survey (NFHS-4, 2015–16, and NFHS-5, 2019–21)' (jointly with Ms. Sweta Yadav & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 'Association of genital infections as early symptoms of cervical cancer among women tobacco users in India' (jointly with Sagarika Rout & Dr. Shalini Singh) at the 11th

- General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 2022 'Association between second-hand smoke exposure and neonatal mortality in India'. (jointly with Isha Joshi & Dr. Shalini Singh) at the 11th General Assembly of the Asia Pacific Organisation for Cancer Prevention and the APOCP 11 Conference on Cancer Prevention, December 8 10, 2022, Kolkata, India.
- 'Global and regional perspective of smokeless tobacco use', during Webinar on Role of Dental Health Professionals in Smokeless Tobacco organised by WHO FCTC Knowledge Hub on Smokeless Tobacco at ICMR-NICPR, Noida on November 30, 2021
- 2021 *'The silent killers and the power of prevention'*, on the occasion of World Population Day, organised by Patliputra University, Patna, Bihar, India on July 11, 2021.
- 'Using Large Scale Data for Tobacco Control Advocacy', workshop on 'Scaling up Policy and Implementation Research in Tobacco Control' at the 5th National Conference on Tobacco or Health (NCTOH), organised by PGIMER, Chandigarh on September 25, 2021.
- 2020 'Smokeless Tobacco and Public Health Nutrition', organized by 'National Conclave on Public Health Nutrition: Enriching the cycle of Research, Public Policy and Practice' during 30-31 January, 2020 organized by Center of Excellence-Public Health Nutrition, Department of Humanities and Social Sciences, National Institute of Technology (NIT), Rourkela.
- 2019 "Regional and socioeconomic disparity in dual burden of tobacco use in India during 2009-2017: Analysis based on Global Adult Tobacco Survey". 4th National Conference on Tobacco Or Health (NCTOH), February 8-10 2019, Tata Memorial Hospital, Mumbai.
- 2018 "Burden of cervical cancer in India: regional and socioeconomic context". Faculty of Medicine & Health Sciences, Shree Guru Gobind Singh Tricentenary (SGT) University, Gurugram, Delhi-NCR, 12 May 2018.
- 2018 "Non-communicable diseases among older Indian adults: A multilevel analysis". 39th Annual Conference of Indian Association for the Study of Population (IASP), September 18-20, 2018, Banaras Hindu University, Varanasi, India.
- 2018 "To what extent do socioeconomic status account for the gender disparities in health among older adults? A cross-national comparison between India and China". 4th Asian Population Association (APA) Conference, July 11-14, 2018, Shanghai University, Shanghai, China.
- "Early-life conditions and gender gaps in later-life cognition: a comparison using WHO-SAGE". British Society for Population Studies (BSPS) annual conference, Dept. of Social Policy, The London School of Economics and Political Science, September 10-12, 2018, University of Winchester, UK...

- 2017 "Does male-female health and survival paradox evident in India: Analysis of gender gap in health, disability and survival among older adults". 28th International Population Conference of the International Union for the Scientific Study of Population (IUSSP), Cape Town, South Africa, 29 October 4 November 2017.
- 2015 "Comparison of sex differences in health among older adults in India and China". Max Planck Institute for Demographic Research (MPIDR), Rostock, Germany. (September 23, 2015)
- "How much and who pays for urban poor on healthcare? Evidence from health insurance impact evaluation survey (HIIES-2014) Delhi". 36th Annual Indian Association for Studies in Population Conference (IASP), University of Kerala, Thiruvananthapuram, Kerala, India.
- 2014 "Maternal and child health in India: progress & challenges". Department of Health Economics & Management (HEM), Lund University", June 27, 2014, Lund, Sweden.
- 2014 "Sibling composition and child mortality in South Asia: assessing trends beyond male-female dichotomy". Population Association of America Annual Meeting (PAA) 2014", May 1-3, 2014, Boston, USA.
- 2014 "Demographic drivers of choice of delivery location". Facility-based Delivery: Trends, Drivers, and Opportunities, jointly organised by Global Health Group, University of California, San Francisco, and Bill & Melinda Gates Foundation, January 22-24, 2014, Seattle, USA.
- 2013 "Sibling composition and child malnutrition in South Asia: 1992-2007". 27th International Union for the Scientific Study of Population (IUSSP), August 26-31, 2013, Busan, South Korea.
- 2013 "Factors associated with maternal health care service utilization in nine high focus states of India: a multilevel analysis of 14385 communities in 292 districts". 2nd Global Maternal Health Conference (GMHC), January 15-17, 2013, Arusha, Tanzania.
- 2012 "Assessing maternal healthcare utilization in post-conflict Afghanistan: Evidence from latest mortality survey, 2010". Presented during 2nd Asian Population Association Conference (APA), August 26-29, 2012, Bangkok, Thailand.
- 2011 "How far older sibling composition affects child immunization? Evidence from South Asian countries".9th Annual Conference of the Indian Association for Social Science and Health (IASSH), November 24-26, 2011, Tata Institute for Social Sciences, Mumbai, India.
- 2011 "Assessing the effect of older sibling composition on child underweight: Evidence from India". Indian Association for the Study of Population (IASP), November 11-13, 2011, Lucknow, India, Organised by Sanjay Gandhi Post Graduate Institute of Medical Sciences

- 2011 "A decade of maternal and child health inequality in Urban India, 1992-2006, Focus on Migrant and Poor". 10th International Conference on Urban Health (ICUH), November 1-5, 2011, Belo Horizonte, Brazil.
- 2011 "Exploring differentials and correlates of urban health inequality in India: A comparative study between slums of mega cities versus towns". 10th International Conference on Urban Health (ICUH), November 1-5, 2011, Belo Horizonte, Brazil.
- 2011 "Assessing the extent of rich-poor gap in utilization of maternal health care services, 1992-2006: A comparative study between urban and rural India". 10th International Conference on Urban Health (ICUH), November 1-5, 2011, Belo Horizonte, Brazil.
- 2011 "Assessing child health status in selected South Asian countries: A comparative analysis". 10th Annual East-West Centre International Graduate Student Conference on the Asia-Pacific Region, February 17-19, 2011, Honolulu, Hawaii, USA.
- 2010 "Do the death of mothers in the household affects maternal health care utilization in India: Evidence from DLHS-3". 1stGlobal Maternal Health Conference (GMHC), August 30 September 1, 2010, New Delhi.
- 2010 "How far socio-economic determinants affect the demographic and health inequality in urban India: Evidence from NFHS-3". Population Association of America 2010 Annual Meeting (PAA), April 15-17, 2010, Dallas, Texas, USA.
- 2010 "Estimating prevalence of acute respiratory infection (ARI) in India and its selected states: Is the time and place of data collection matters?".7th Annual National Conference of Indian Association for Social Science and Health (IASSH), Banaras Hindu University (BHU) 5-7 March 2010, Varanasi, Uttar Pradesh, India.
- 2009 "Do educated never married men having rational attitude towards contraceptive use: Evidence from India". 5th Asia Pacific Conference on Reproductive and Sexual Health and Rights (APCRSHR), October 18-20, 2009, Beijing, China.
- "Geographical variation in the utilization of ICDS across states of Indo-Gangetic Plain: Whether sex of the child really matters?". Annual Bhopal Conference, January 2-6, 2009, Bhopal, India.

Projects:

Ongoing

Title of project: ICMR National Task Force Study on Smokeless Tobacco and Reproductive & Maternal Health (ICMR SLT-RM Study)

Funding agency/Intramural: Indian Council of Medical Research (ICMR), New Delhi (INR 1.8 Crore)

Role (PI/Co-PI/Co-I): PI

Duration of project: 2019 - 2022

Title of project: Max Planck India-Mobility Grant on Gender Gaps in Health and Survival.

Funding agency/Intramural: Max Planck Society, Germany. (Euro 20000.0)

Role (PI/Co-PI/Co-I): PI

Duration of project: 2017 – 2023

Title of project: Feasibility of integrating tobacco use screening and tobacco cessation services with routine antenatal care services: a pilot study in district hospital of Gautam Budh Nagar.

Funding agency/Intramural: Indian Council of Medical Research (ICMR), New Delhi (INR

40.5 lakhs)

Role (PI/Co-PI/Co-I): Co-I

Duration of project: 2021 – 2024

Title of project: Addressing Smokeless Tobacco and Building Research Capacity in South Asia (ASTRA)

Funding agency/Intramural: National Institute for Health Research (NIHR), UK (GBP

201310.0)

Role (PI/Co-PI/Co-I): Co-PI

Duration of project: 2018 – 2022

Title of project: Prevalence, Procreation, Persecution and Prevention regarding Caesarean-

Section Deliveries/Births: A Systematic Review and Meta-Analysis

Funding agency/Intramural: Indian Council of Medical Research (ICMR), New Delhi (INR 45

lakhs)

Role (PI/Co-PI/Co-I): Co-I

Duration of project: 2019 – 2022

• Completed

Title of project: Mental health social stigma faced by healthcare personnel involved in the management of COVID-19 patients in India (ICMR Task Force Study)

Funding agency/Intramural: Indian Council of Medical Research (ICMR), New Delhi (INR 3.5 lakhs)

Role (PI/Co-PI/Co-I): PI

Duration of project: 2019 - 2021

Title of project: Development of a framework for the local implementation of the Sustainable Development Goals (SDGs) (Jointly with Keio University, Japan; University of the Philippines Diliman, and Chulalongkorn University, Thailand)

Funding agency/Intramural: ProSPER.Net, United Nations University (USD 45000.0)

Role (PI/Co-PI/Co-I): Co-PI

Duration of project: 2017 - 2018

Title of project: Examining the inter-linkage between women's education and early marriage in India: A regional analysis

Funding agency/Intramural: Indian Council of Social Science Research (ICSSR) (INR 8 lakh)

Role (PI/Co-PI/Co-I): PI

Duration of project: 2015 - 2017

Title of project: Evaluating Impacts of Nodal Anganwadi Centres in Bihar, India: A Quasi-Experimental Approach

Funding agency/Intramural: International Initiative for Impact Evaluations (3IE) (INR 1.4

crore)

Role (**PI/Co-PI/Co-I**): Co-PI **Duration of project**: 2015 – 2017

Title of project: Proposal Preparation Grant (PPG) for the impact evaluations of nodal

Anganwadi Centers (nAWCs) in Bihar, India" under Policy Window #3

Funding agency/Intramural: International Initiative for Impact Evaluations (3IE) (INR 12.8

lakhs)

Role (PI/Co-PI/Co-I): Co-PI **Duration of project**: 2014 – 2015

Title of project: Impact Evaluation of *Rashtriya Swasthya Bima Yojana* (National Health Insurance Scheme) in two Indian States (West Bengal and Jharkhand)

Funding agency/Intramural: Department for International Development (DFID) (INR 16

lakhs)

Role (PI/Co-PI/Co-I): Co-PI **Duration of project**: 2014 – 2015

Brief Biosketch (not more than 100 words):

I am a trained Population Health researcher with over a decade of work experience in conceptualization, design and execution of research studies concerning cancer prevention, tobacco control, non-communicable diseases and its risk factors, social determinants of health and maternal and child health. Presently, I work as a Scientist-D at ICMR-National Institute of Cancer Prevention and Research (ICMR-NICPR), Noida. I am Nodal Officer of the WHO FCTC Knowledge Hub on Smokeless Tobacco. Before joining ICMR-NICPR I worked with TERI University (India), Max Planck Institute for Demographic Research (Germany) and Institute for Human Development (India). I received prestigious Max Planck-India Fellow award from the Max Planck Society (Germany) and also invited by the British Society for Population Studies, LSE (UK) as a young researcher. I was part of the 14 members 'Global Equity Review Group' constituted by the World Health Organization (WHO), Geneva to assess global progress in Reproductive, Maternal, Newborn, Child and Adolescent Health and Ageing. I have published 75 manuscripts in reputed international journals including Lancet, BMJ, Social Science and

Medicine, Preventive Medicine, Health Policy and Planning, The Gerontologist, American Journal of Hypertension amongst others.

Contact me at:

ks.prashant@icmr.gov.in; prashant.icmr@gmail.com; prashants.geo@gmail.com

Phone number: +91 - 120 – 2446919 **Intercom:** 919