

RAJESH KUMAR RAI

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EMPLOYMENT/ APPOINTMENT

Birbhum Population Project, Society for Health and Demographic Surveillance Suri, India
Department of Health and Family Welfare, Government of West Bengal July, 2024 – Present
Adjunct Researcher

Institute of Nutrition, Mahidol University Phutthamonthon, Thailand
Human Nutrition Unit April, 2023 – Present
Adjunct Professor

School of Public Health, San Diego State University San Diego, USA
Division of Global Health Management and Policy October, 2025 – Present
Adjunct Faculty

Harvard T H Chan School of Public Health, Harvard University Boston, USA
Department of Global Health and Population July, 2018 - Present
Bernard Lown Scholar

Birbhum Population Project, Society for Health and Demographic Surveillance Suri, India
Senior Research Scientist January, 2015 – March, 2023
Department of Health and Family Welfare, Government of West Bengal

The Hindu Centre for Politics and Public Policy Chennai, India
Public Policy Scholar August - November, 2014

Tata Institute of Social Sciences Mumbai, India
Senior Research Associate October, 2013 - July, 2014
Research Associate December, 2011 - September, 2013
Project: Institutions for Food Security: Global Lessons from Rural India
Funded by the Australian Research Council, Government of Australia

International Institute for Population Sciences Mumbai, India
Research Officer January, 2009 – August, 2010
Project: District Level Household and Facility Survey 2007-2008
Funded by the Ministry of Health and Family Welfare, Government of India

SHORT-TERM CONSULTANT

Alliance of Bioversity International and International Center for Tropical Agriculture (CIAT), CGIAR Cali, Colombia
Research Consultant August – December, 2025
Project: ASEAN-CGIAR Innovate for Food Regional Program: Intervention Package 8

WorldFish, CGIAR Penang, Malaysia
Research Consultant February, 2024 – December, 2024
Project: Resilient Aquatic Food Systems for Healthy People and Planet

EDUCATION

The Georg-August-Universität Göttingen	Göttingen, Germany
Ph.D., Economics (honors: <i>cum laude</i>)	July, 2022
Dissertation: Four Essays on Health and Nutrition of Indian Women and Children	
The Hebrew University of Jerusalem	Jerusalem, Israel
M.P.H., Braun School of Public Health and Community Medicine-Hadassah	September, 2011
International Institute for Population Sciences	Mumbai, India
M.Phil., Population Studies	December, 2008
University of Allahabad	Prayagraj, India
M.A., Geography	June, 2005
B.A., Geography, and Medieval / Modern History	June, 2003

METHODOLOGICAL TRAINING

Harvard T H Chan School of Public Health, Harvard University	Boston, USA
Department of Global Health and Population	2019
Bernard Lown Scholar Program in Cardiovascular Diseases	
Global Cardiovascular Disease Prevention - Methods, Study Designs and Case Studies	
Abdul Latif Jameel Poverty Action Lab (J-PAL)	New Delhi, India
South Asia at Institute for Financial Management and Research	2015
Executive Education: Evaluating Social Programs	
National Institutes of Health	Maryland, USA
Protecting Human Research Participants Web-based Training	2015
Université Laval	Québec, Canada
Global Health Research Summer School: Urban Health	2014
Public Health Foundation of India (PHFI)	
Indian Institute of Public Health-Hyderabad - PHFI	Hyderabad, India
Multilevel and Spatial Modeling for Health Research	2010
Indian Institute of Public Health-Gandhinagar - PHFI	Ahmedabad, India
Quantitative Research Methods for Medical and Health Professionals	2009

AREAS OF RESEARCH INTEREST

Public Health Nutrition
Reproductive, Maternal, Newborn, and Child Health (RMNCH)
Burden of Disease

SCHOLARSHIP/ FELLOWSHIP/ AWARD

International Health Economics Association (IHEA) Travel Award	Cape Town, South Africa 2023
Johns Hopkins Bloomberg School of Public Health Bill & Melinda Gates Institute for Population and Reproductive Health Winner of the 120 Under 40: The New Generation of Family Planning Leaders	Baltimore, USA 2019
Universität Hohenheim Travel Award	Stuttgart, Germany 2019
Harvard T H Chan School of Public Health, Harvard University Department of Global Health and Population Bernard Lown Scholarship	Boston, USA 2019
The Georg-August-Universität Göttingen Göttingen International Short-term Scholarship	Göttingen, Germany 2018
Federal Ministry of Science, Research, and Economy (bmwfw) & The Association of School of Public Health in the European Region Travel Award	Salzburg, Austria 2016
William and Flora Hewlett Foundation, Bill & Melinda Gates Foundation, & Population Association of America Fund Travel Award	Washington, USA 2016
Johns Hopkins Bloomberg School of Public Health - Bill & Melinda Gates Institute for Population and Reproductive Health & BkkbN, Indonesia Travel Award	Nusa Dua, Indonesia 2016
Human Sciences Research Council Travel Award	Durban, South Africa 2015
The Hindu Centre for Politics and Public Policy Scholarship	Chennai, India 2014
Canadian Institutes of Health Research & the Réseau de Recherche en Santé des Populations du Québec Travel Award	Québec, Canada 2014
Eminence, Bangladesh and Partners for World Health Travel Award	Dhaka, Bangladesh 2014
International Union for the Scientific Study of Population Travel Award	Busan, Republic of Korea 2013

**William and Flora Hewlett Foundation,
Bill & Melinda Gates Foundation, &
Population Association of America Fund**
Travel Award

New Orleans, USA
2013

Maternal Health Task Force
Travel Award

Arusha, Tanzania
2013

New York Academy of Medicine
Travel Award

Belo Horizonte, Brazil
2011

**The Hebrew University of Jerusalem
and the Hadassah Medical Organization**
Scholarship

Jerusalem, Israel
2010

Maternal Health Task Force
Travel Award

New Delhi, India
2010

Indian Association for Social Science and Health
Young Scientist Best Research Paper Award

Varanasi, India
2010

UNICEF
Fellowship

Mumbai, India
2008

PUBLICATION (*h-index* - Google Scholar: 72)

Research area: Public Health Nutrition

- Rai RK**, Bromage S, Bayan B, Ratha BC, Kim R, Dubey SK, Gichohi-Wainaina WN, Allison EH, Rossignoli CM, Padiyar A, Subramanian SV, Golden CD. Fish consumption and its association with anemia and metabolic disorder among Indian adults. *British Journal of Nutrition*. 2025; <https://doi.org/10.1017/S0007114525105369>. PMID: 41084751.
- Rai RK**, Bromage S, Udomkesmalee E. Impact of India's nationwide supplementary nutrition programme for pregnant women on birthweight of their newborns: a quasi-experimental evaluation. *Journal of Epidemiology & Community Health*. 2025; <http://doi.org/10.1136/jech-2025-224008>. PMID: 40830047.
- Ghosh A, Barik A, **Rai RK**, Wall JD, Chowdhury A, Majumder PP. Analysis of whole-exome data of nonobese NAFLD patients from India reveals association with new markers on functionally relevant genes and pathways. *Journal of Genetics*. 2025; 104: 11. PMID: 40386911.
- Rai RK**, Bromage S, De Neve JW, Barik A. Lifestyle risk factors for overweight and obesity among rural Indian adults: a community-based prospective cohort study. *Journal of Nutritional Science*. 2025; 14: e18. PMID: 40028378.
- Bromage S, Tazhibayev S, Zhou X, Liu C, Tserenkhue E, Dolmatova O, Khishignemekh M, Musurepova L, Wusigale, Tsolmon S, Tsendjav E, Enkhmaa D, **Rai RK**, Enkhbat B, Menghe B, Ganmaa D. Longitudinal analysis of lifestyle risk factors, nutrition status, and drivers of food choice among urban migrants in Ulaanbaatar, Mongolia and Almaty, Kazakhstan: a formative study. *Public Health Nutrition*. 2025; 28(1): e33. PMID: 39622631.
- De Neve JW, Karlsson O, **Rai RK**, Kumar S, Vollmer S. Relationship between adolescent anemia and school attendance observed during a nationally representative survey in India. *Communications*

- Medicine*. 2024; 4(1): 112. PMID: 38866923.
- Rai RK**, Bromage S. Estimated effect of age of marriage on utilization of India's Integrated Child Development Service programme. *Journal of Epidemiology & Community Health*. 2024; 78(3):184-190. PMID: 38123986.
- Rai RK**, Shinde S, De Neve JW, Fawzi WW. Predictors of incidence and remission of anaemia among never-married adolescents aged 10-19 years: a population-based prospective longitudinal study in India. *Current Developments in Nutrition*. 2023; 7(3): 100031. PMID: 37181932.
- Rai RK**, Kumar SS, Sen Gupta S, Parsannanavar DJ, Anish TSN, Barik A, Varshney RK, Rajkumar H. Shooting shadows: India's struggle to reduce the burden of anaemia. *British Journal of Nutrition*. 2023; 129 (3): 416-427. PMID: 35383547.
- Rai RK**. Age of marriage and nutritional status among women aged 15-24 years: a nationally representative quasi-experimental study in India. in *Four Essays on Health and Nutrition of Indian Women and Children* (Rai RK eds.), Faculty of Economic Sciences, The Georg-August-Universitat Gottingen, PhD Thesis, pp. 5-20, 2022. DOI: <http://dx.doi.org/10.53846/goediss-9427>.
- Rai RK**. Estimated effect of vitamin A supplementation on anaemia and anthropometric failure of Indian children. *Pediatric Research*. 2022; 91(5): 1263–1271. PMID: 35140334.
- Rai RK**, Kumar SS, Kumar C. Factors associated with minimum dietary diversity failure among Indian children. *Journal of Nutritional Science*. 2022; 11: e4. PMID: 35291273.
- Rai RK**, Subramanian SV, Vollmer S. Association of parental characteristics with offspring anthropometric failure, anaemia and mortality in India. *Humanities & Social Sciences Communications*. 2022; 9: 37. ISSN 2662-9992 (online).
- Rai RK**, De Neve JW, Geldsetzer P, Vollmer S. Maternal iron-and-folic-acid supplementation and its association with low-birth weight and neonatal mortality in India. *Public Health Nutrition*. 2022; 25(3): 623-633. PMID: 34743779.
- Rai RK**. Iron-and-folic-acid supplementation among adolescents (aged 10-19 years) in two North Indian States, 2015-2016: a sex-stratified analysis. *Public Health Nutrition*. 2022; 25(3): 617-622. PMID: 33315007.
- Rai RK**, Kumar SS, Parsannanavar DJ, Khandelwal S, Rajkumar H. Tipping the scale: the role of a national nutritional supplementation programme for pregnant mothers in reducing low birth weight and neonatal mortality in India. *British Journal of Nutrition*. 2022; 127(2): 289-297. PMID: 33745458.
- 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*. 2021; 53(5): 709-723. PMID: 32962795.
- Rai RK**, Bromage S, Fawzi WW. Receipt of weekly iron supplementation among Indian children, 2005-2016. *Current Developments in Nutrition*. 2021; 5(3): nzab020. PMID: 34084992.
- Rai RK**, Kumar C, Singh PK, Singh L, Barik A, Chowdhury A. Incidence of prehypertension and hypertension in rural India, 2012-2018: a sex-stratified population-based prospective cohort study. *American Journal of Hypertension*. 2020; 33(6):552-562. PMID: 32149333.
- 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; 23(15): 2671–2686. PMID: 32605672.
- Sudfeld CR, **Rai RK**, Barik A, Valadez JJ, Fawzi WW. Population-level effective coverage of adolescent weekly iron folic acid supplementation is low in rural West Bengal, India. *Public Health Nutrition*. 2020; 23(15): 2819–2823. PMID: 32524931.
- Darling AM, Fawzi WW, Barik A, Chowdhury A, **Rai RK**. Double burden of malnutrition among adolescents in rural West Bengal, India. *Nutrition*. 2020; 79-80:110809. PMID: 32563768.

- Rai RK**, Barik A, Majumdar S, Chatterjee K, Kalkonde YV, Mathur P, Chowdhury A, Fawzi WW. Non-communicable diseases are the leading cause of mortality in rural Birbhum, West Bengal, India: a sex-stratified analysis of verbal autopsies from a prospective cohort, 2012-2017. *BMJ Open*. 2020; 10(10): e036578. PMID: 33099492.
- Rai RK**, Jaacks LM, Bromage S, Barik A, Fawzi WW, Chowdhury A. Prospective cohort study of overweight and obesity among rural Indian adults: socio-demographic predictors of prevalence, incidence, and remission. *BMJ Open*. 2018; 8(8): e021363. PMID: 30166296.
- Rai RK**, Fawzi WW, Bromage S, Barik A, Chowdhury A. Underweight among rural Indian adults: burden, and predictors of incidence and recovery. *Public Health Nutrition*. 2018; 21(4):669-678. PMID: 29122038.
- Barik A, Das K, Chowdhury A, **Rai RK**. Metabolic syndrome among rural Indian adults. *Clinical Nutrition ESPEN*. 2018; 23: 129-135. PMID: 29460788.
- Rai RK**, Fawzi WW, Barik A, Chowdhury A. The burden of iron-deficiency anaemia among women in India: how have iron and folic acid interventions fared? *WHO South-East Asia Journal of Public Health*. 2018; 7(1): 18-23. PMID: 29582845.
- Sekher M, Parasuraman S, Pritchard B, Kumar SS, **Rai RK**. Empowering people to power the Public Distribution System: a process mapping analysis of six Indian states. *Economic & Political Weekly*. 2017; 52 (51): 97-107. ISSN (Online) - 2349-8846.
- 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; 41: 68-72. PMID: 28760430.
- Rai RK**, Luo J, Tulchinsky TH. Vitamin K supplementation to prevent hemorrhagic morbidity and mortality of newborns in India and China. *World Journal of Pediatrics*. 2017; 13(1): 15-19. PMID: 27878777.
- Barik A, Shah R, Spillahari A, Murthy VL, Ambale-Venkatesh B, **Rai RK**, Das K, Santra A, Hembram JR, Bhattacharya D, Freedman J, Lima J, Das R, Bhattacharyya P, Das S, Chowdhury A. Hepatic steatosis is associated with cardiometabolic risk in a rural Indian population: a prospective cohort study. *International Journal of Cardiology*. 2016; 225:161-166. PMID: 27723535.
- Barik A, Mazumdar S, Chowdhury A, **Rai RK**. Physiological and behavioural risk factors of Type 2 Diabetes Mellitus in rural India. *BMJ Open Diabetes Research & Care*. 2016; 4(1): e000255. PMID: 27547420.
- Rai RK**. Factors Associated with nutritional status among adult women in urban India, 1998-2006. *Asia-Pacific Journal of Public Health*. 2015; 27(2): NP1241–NP1252. PMID: 22743858.
- Kumar S, **Rai RK**. Role of India's *Anganwadi* centre in securing food and nutrition for mothers and children. *Journal of Agriculture & Food Information*. 2015; 16 (2): 174-182. ISSN 1049-6505 (Print), 1540-4722 (Online).
- Rai RK**, Kumar S, Sekher M, Pritchard B, Rammohan A. A life-cycle approach to food and nutrition security in India. *Public Health Nutrition*. 2015; 18(5): 944-949. PMID: 24866692.

Research area: Reproductive, Maternal, Newborn, and Child Health (RMNCH)

- Rai RK**, Barik A, Chowdhury A. Use of antenatal and delivery care services and their association with maternal and infant mortality in rural India. *Scientific Reports*. 2022; 12(1): 16490. PMID: 36192467.
- Singh L, Bubey R, Singh PK, Nair S, **Rai RK**, Rao MVV, Singh S. Coverage of quality maternal and newborn healthcare services in India: examining dropouts, disparity and determinants. *Annals of Global Health*. 2022; 88(1): 39. PMID: 35651968.
- Rai RK**, Sudfeld CR, Barik A, Fawzi WW, Chowdhury A. Socio-demographic determinants of preterm birth and small-for-gestational age in rural West Bengal, India. *Journal of Tropical*

- Pediatrics*. 2019; 65(6): 537-546. PMID: 30753693.
- Singh PK, **Rai RK**, Singh S, Singh L. Rising caesarean births - a growing concern. *Economic & Political Weekly*. 2018; 53(26-17): 22-24. ISSN (Online) - 2349-8846.
- Gorain A, Barik A, Chowdhury A, **Rai RK**. Preference in place of delivery among rural Indian women. *PLoS One*. 2017; 12(12): e0190117. PMID: 29287096.
- Rai RK**. Do the sex composition of living children and the desire for additional children affect future intention to use contraception in Ethiopia? *Journal of Biosocial Science*. 2017; 49 (6): 757-772. PMID: 28069079.
- Rai RK**. Decline in contraceptive use in India: a call for action. *Sexual & Reproductive Healthcare*. 2017; 14: 13-16. PMID: 29195629.
- Kumar C, Singh PK, Singh L, **Rai RK**. Socioeconomic disparities in coverage of full immunization among children of adolescent mothers in India, 1990-2006: a repeated cross-sectional analysis. *BMJ Open*. 2016; 6(8): e009768. PMID: 27519918.
- 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 & Planning*. 2016; 31(7): 844-852. PMID: 26864163.
- Rai RK**. Utilization of maternal health care services by Muslim women in India, Bangladesh, and Pakistan, 2005-2007. *Journal of Public Health* (Springer). 2015; 23(1):37-48 ISSN 0943-1853 (Print); 1613-2238 (Online).
- Rai RK**. Future intention of contraceptive use among Comorian women, 2012. *Journal of Public Health* (Springer). 2015; 23(5): 289-296. ISSN 0943-1853 (Print); 1613-2238 (Online).
- Rai RK**, Singh PK. No incentive for postnatal care in IGMSY. *Perspectives in Public Health*. 2015; 135 (2): 73-74. PMID: 25759317.
- Rai RK**, Tulchinsky TH. Addressing the sluggish progress in reducing maternal mortality in India. *Asia-Pacific Journal of Public Health*. 2015; 27(2): NP1161–NP1169. PMID: 22308538.
- Rai RK**, Singh PK, Singh L, Kumar C. Individual characteristics and use of maternal and child health services by adolescent mothers in Niger. *Maternal & Child Health Journal*. 2014; 18(3): 592-603. PMID: 23737107.
- Singh PK, Kumar C, **Rai RK**, Singh L. Factors associated with maternal healthcare service utilization in nine high focus states in India: a multilevel analysis based on 14385 communities in 292 districts. *Health Policy & Planning*. 2014; 29(5): 242-259. PMID: 23783832.
- Rai RK**. Tracking women and children in a continuum of Reproductive, Maternal, Newborn, and Child Healthcare (RMNCH) in India. *Journal of Epidemiology & Global Health*. 2014; 4(3): 239-243. PMID: 25107660.
- Singh PK, **Rai RK**, Kumar C. Equity in maternal, newborn, and child health care coverage in India. *Global Health Action*. 2013; 6: 22217. PMID: 24119659.
- 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* (Springer). 2013; 21(6): 575-582. ISSN 0943-1853 (Print); 1613-2238 (Online).
- Kumar C, **Rai RK**, Singh PK, Singh L. Socioeconomic disparities in maternity care among Indian adolescents, 1990-2006. *PLoS One*. 2013; 8(7): e69094. PMID: 23894412.
- Rai RK**, Unisa S. Dynamics of contraceptive use in India: apprehension versus future intention among non-users and traditional method users. *Sexual & Reproductive Healthcare*. 2013; 4(2): 65-72. PMID: 23663924.
- 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; 32(2):106-125. PMID: 23679661.
- 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* (Oxford). 2013; 35(4): 598-606. PMID: 23359666.

- Kumar C, Singh PK, **Rai RK**, Singh L. Early neonatal mortality in India, 1990-2006. *Journal of Community Health*. 2013; 38(1):120-130 PMID: 22797909. Erratum to: Early neonatal mortality in India, 1990-2006. *Journal of Community Health*. 2013; 38(1):131-132. PMID: 23179389.
- 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* (Springer). 2013; 21(1): 15-27. ISSN 0943-1853 (Print); 1613-2238 (Online).
- Singh PK, **Rai RK**, Alagarajan M. Addressing maternal and child health in post-conflict Afghanistan: the way forward. *WHO Eastern Mediterranean Health Journal*. 2013; 19(9): 826-832. PMID: 24313047.
- 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* (Springer). 2013; 21(4): 379-384. ISSN 0943-1853 (Print); 1613-2238 (Online).
- Rai RK**, Kumar C, Singh PK. District level coverage gap in maternal, newborn and child health care services in India. *Journal of Epidemiology & Global Health*. 2012; 2(4): 221-224. PMID: 23856504.
- Singh PK, **Rai RK**, Singh L. Examining the effect of household wealth and migration status on safe delivery care in urban India. *PLoS One*. 2012; 7(9): e44901. PMID: 22970324.
- Rai RK**, Singh PK, Singh L. Utilization of maternal health care services among married adolescent women: insights from the Nigeria Demographic and Health Survey, 2008. *Women's Health Issues*. 2012; 22(4): e407-e414. PMID: 22749200.
- Kumar C, Singh PK, **Rai RK**. Under-five mortality in high focus states in India: a district level geospatial analysis. *PLoS One*. 2012; 7(5): e37515. PMID: 22629412.
- Singh PK, **Rai RK**, Alagarajan M, Singh L. Determinants of maternity care services utilization among married adolescents in rural India. *PLoS One*. 2012; 7(2): e31666. PMID: 22355386.
- 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): 1-26. PMID: 21933465.
- 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; 1(4): 362-368. PMID: 28615601.
- Rai RK**, Ramadhan AA, Tulchinsky TH. Prioritizing maternal and child health in independent South Sudan. *Maternal & Child Health Journal*. 2012; 16(6): 1139-1142. PMID: 21959924.
- Singh PK, Alagarajan M, **Rai RK**, Singh L. Does education lead to contraceptive use? a study of sexually experienced unmarried men in India. *Research on Humanities & Social Sciences*. 2011; 1(4): 23-32. ISSN 2224-5766 (print); 2225-0484 (online).
- Rai RK**, Unisa S. Living arrangement and health status of widows in India. pp. 229-245 in *Population, Gender and Health in India - Methods, Processes and Policies*, (edited) James KS, Pandey A, Bansod DW, Subaiya L. New Delhi: Academic Foundation; 2009. ISBN - 978-81-7188-809-2.

Research area: Global Burden of Disease (GBD)

- GBD 2023 Child Growth Failure Collaborators (**Rai RK**). Quantifying the fatal and non-fatal burden of disease attributable to child growth failure, 2000-2023: a systematic analysis from the Global Burden of Disease Study 2023. *The Lancet Child and Adolescent Health*. 2025; (accepted for publication).
- GBD 2023 IHD & Dietary Risk Factors Collaborators (**Rai RK**). Burden of ischemic heart disease attributable to suboptimal diet in 204 countries and territories. *Nature Medicine*. 2025;

(accepted for publication).

- GBD 2021 Adult BMI Collaborators (**Rai RK**). Global, regional, and national prevalence of adult overweight and obesity, 1990-2021, with forecasts to 2050: a forecasting study for the Global Burden of Disease Study 2021. *The Lancet*. 2025; 405 (10481): 813-838. PMID: 40049186.
- GBD 2021 Adolescent BMI Collaborators (**Rai RK**). Global, regional, and national prevalence of child and adolescent overweight and obesity, 1990-2021, with forecasts to 2050: a forecasting study for the Global Burden of Disease Study 2021. 2025; *The Lancet*. 405 (10481): 785-812. PMID: 40049185.
- Global Nutrition Target Collaborators (**Rai RK**). Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021. *The Lancet*. 2024; 404 (10471): P2543-2583. PMID: 39667386.
- GBD 2021 Anaemia Collaborators (**Rai RK**). Prevalence, years lived with disability, and trends in anaemia burden by severity and cause, 1990–2021: findings from the Global Burden of Disease Study 2021. *The Lancet Haematology*. 2023; 10 (9): e713-e734. PMID: 37536353.
- GBD 2019 Diabetes and Air Pollution Collaborators (**Rai RK**). Estimates, trends, and drivers of the global burden of type 2 diabetes attributable to PM_{2.5} air pollution, 1990–2019: an analysis of data from the Global Burden of Disease Study 2019. *The Lancet Planetary Health*. 2022; 6(7): e586-e600. PMID: 35809588.
- Kinyoki D, Osgood-Zimmerman AE, Bhattacharjee NV; Local Burden of Disease Anaemia Collaborators (**Rai RK**). Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018. *Nature Medicine*. 2021; 27(10):1761-1782. PMID: 34642490.
- Bhattacharjee NV, Schaeffer LE, Hay SI, and Local Burden of Disease Exclusive Breastfeeding Collaborators (**Rai RK**). Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000–2018. *Nature Human Behaviour*. 2021; 5(8):1027-1045. PMID: 34083753.
- Haagsma JA et al. (**Rai RK**). Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. *Injury Prevention*. 2020; 26(Supp 1): i12-i26. PMID: 31915273.
- LBD Double Burden of Malnutrition Collaborators (**Rai RK**). Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. *Nature Medicine*. 2020; 26(5):750-759. PMID: 32313249.
- Local Burden of Disease Child Growth Failure Collaborators (**Rai RK**). Mapping child growth failure across low- and middle-income countries. *Nature*. 2020; 577(7789): 231–234. PMID: 31915393.
- GBD 2017 Diarrhoeal Disease Collaborators (**Rai RK**). Quantifying risks and interventions that have affected the burden of diarrhoea among children younger than 5 years: an analysis of the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases*. 2020; 20(1):37-59. PMID: 31678029.
- GBD 2017 Lower Respiratory Infections Collaborators (**Rai RK**). Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases*. 2020; 20(1):60-79. PMID: 31678026.
- GBD 2017 Child and Adolescent Health Collaborators (**Rai RK**). Diseases, injuries, and risk factors in child and adolescent health, 1990 to 2017: findings from the Global Burden of Diseases, Injuries, and Risk Factors 2017 study. *JAMA Pediatrics*. 2019; 173(6): e190337. PMID: 31034019.
- GBD 2017 Diet Collaborators (**Rai RK**). Health effects of dietary risks in 195 countries, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 2019; 393(10184): 1958-1972. PMID: 30954305.

- GBD 2017 Typhoid and Paratyphoid Collaborators (**Rai RK**). The global burden of typhoid and paratyphoid fevers: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet Infectious Diseases*. 2019; 19(4): 369-381. PMID: 30792131.
- Mohsen Naghavi, on behalf of the Global Burden of Disease Self-Harm Collaborators (**Rai RK**). Global, regional, and national burden of suicide mortality 1990 to 2016: systematic analysis for the Global Burden of Disease Study 2016. *BMJ*. 2019; 364: I94. PMID: 31339847.
- GBD 2017 Influenza Collaborators (**Rai RK**). Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. *The Lancet Respiratory Medicine*. 2019; 7(1):69-89. PMID: 30553848.
- GBD 2016 Traumatic Brain Injury and Spinal Cord Injury Collaborators (**Rai RK**). Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet Neurology*. 2019; 18(1):56-87. PMID: 30497965.
- The GBD 2016 Lifetime Risk of Stroke Collaborators (**Rai RK**). Global, regional and country-specific lifetime risks of stroke, 1990 and 2016. *The New England Journal of Medicine*. 2018; 379 (25):2429-2437. PMID: 30575491.
- GBD 2016 Lower Respiratory Infections Collaborators (**Rai RK**). Estimates of the global, regional, and national morbidity, mortality, and aetiologies of lower respiratory infections in 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet Infectious Diseases*. 2018; 18(11): 1191-1210. PMID: 30243584.
- GBD 2016 Diarrhoeal Disease Collaborators (**Rai RK**). Estimates of the global, regional, and national morbidity, mortality, and aetiologies of diarrhoea in 195 countries: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet Infectious Diseases*. 2018; 18(11): 1211-1228. PMID: 30243583.
- GBD Tuberculosis Collaborators (**Rai RK**). Global, regional, and national burden of tuberculosis, 1990–2016: results from the Global Burden of Diseases, Injuries, and Risk Factors 2016 Study. *The Lancet Infectious Diseases*. 2018; 18(12): 1329-1349. PMID: 30507459.
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- GBD 2017 Causes of Death Collaborators (**Rai RK**). Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 2018; 392 (10159): 1736-1788. PMID: 30496103.
- GBD 2017 Disease and Injury Incidence and Prevalence Collaborators (**Rai RK**). Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 2018; 392 (10159): 1789-1858. PMID: 30496104.
- GBD 2017 DALYs and HALE Collaborators (**Rai RK**). Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 2018; 392 (10159): 1859-1922. PMID: 30415748.
- GBD 2017 Risk Factor Collaborators (**Rai RK**). Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 2018; 392 (10159): 1923-1994. PMID: 30496105.
- GBD 2017 Population and Fertility Collaborators (**Rai RK**). Population and fertility by age and sex for 195 countries and territories, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet*. 2018; 392 (10159): 1995-2051. PMID: 30496106.
- GBD 2017 SDG Collaborators (**Rai RK**). Measuring progress from 1990 to 2017 and projecting

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- GBD 2015 Eastern Mediterranean Region Diabetes and CKD Collaborators (**Rai RK**). Diabetes mellitus and chronic kidney disease in the Eastern Mediterranean Region: findings from the 2015 Global Burden of Disease study. *International Journal of Public Health*. 2018; 63(Suppl 1):177-186. PMID: 28776240.
- GBD 2015 Eastern Mediterranean Region Transportation Injuries Collaborators (**Rai RK**). Transport injuries and deaths in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 Study. *International Journal of Public Health*. 2018; 63(Suppl 1):187-198. PMID: 28776255.
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- GBD 2015 Eastern Mediterranean Region Cardiovascular Disease Collaborators (**Rai RK**). Burden of cardiovascular diseases in the Eastern Mediterranean Region, 1990–2015: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):137-149. PMID: 28776245.
- GBD 2015 Eastern Mediterranean Region Collaborators (**Rai RK**). Danger ahead: the burden of diseases, injuries, and risk factors in the Eastern Mediterranean Region, 1990–2015. *International Journal of Public Health*. 2018; 63(Suppl 1):11-23. PMID: 28776238.
- GBD 2015 Eastern Mediterranean Region Vision Loss Collaborators (**Rai RK**). Burden of vision loss in the Eastern Mediterranean region, 1990–2015: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):199-210. PMID: 28776242.
- GBD 2015 Eastern Mediterranean Region Adolescent Health Collaborators (**Rai RK**). Adolescent health in the Eastern Mediterranean Region: findings from the global burden of disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):79-96. PMID: 28776253.
- GBD 2015 Eastern Mediterranean Region Diarrhea Collaborators (**Rai RK**). Burden of diarrhea in the Eastern Mediterranean Region, 1990–2015: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):109-121. PMID: 28776239.
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- GBD 2015 Eastern Mediterranean Region Maternal Mortality Collaborators (**Rai RK**). Maternal mortality and morbidity burden in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):47-61. PMID: 28776252.
- GBD 2015 Eastern Mediterranean Region HIV/AIDS Collaborators (**Rai RK**). Trends in HIV/AIDS

- morbidity and mortality in Eastern Mediterranean countries, 1990–2015: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):123-136. PMID: 28776249.
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- GBD 2015 Eastern Mediterranean Region Neonatal, Infant, and under-5 Mortality Collaborators (**Rai RK**). Neonatal, infant, and under-5 mortality and morbidity burden in the Eastern Mediterranean region: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):63-77. PMID: 28776242.
- GBD 2015 Eastern Mediterranean Region LRI Collaborators (**Rai RK**). Burden of lower respiratory infections in the Eastern Mediterranean Region between 1990 and 2015: findings from the Global Burden of Disease 2015 study. *International Journal of Public Health*. 2018; 63(Suppl 1):97-108. PMID: 28776246.
- Global Burden of Cardiovascular Diseases Collaboration (**Rai RK**). The burden of cardiovascular diseases among US states, 1990–2016. *JAMA Cardiology*. 2018; 3(5): 375-389. PMID: 29641820.
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- Global Burden of Disease Health Financing Collaborator Network (**Rai RK**). Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995–2015. *The Lancet*. 2018; 391(10132): 1799–1829. PMID: 29678342.
- GBD Tuberculosis collaborators (**Rai RK**). The global burden of tuberculosis: results from the Global Burden of Disease Study 2015. *The Lancet Infectious Diseases*. 2018; 18(3):261-284. PMID: 29223583.
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- GBD 2016 Mortality collaborators (**Rai RK**). Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*. 2017; 390 (10100): 1084–1150. PMID: 28919115.
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- GBD 2016 Disease and Injury Incidence and Prevalence Collaborators (**Rai RK**). Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *The Lancet*. 2017; 390 (10100): 1211–1259. PMID: 28919117.
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- The GBD 2015 Obesity Collaboration (**Rai RK**). Health effects of overweight and obesity in 195 countries over 25 Years. *The New England Journal of Medicine*. 2017; 37(1): 13-27. PMID: 28604169.
- Roth GA et al. (**Rai RK**). Global, regional, and national burden of cardiovascular diseases for 10 causes, 1990 to 2015. *Journal of the American College of Cardiology*. 2017; 70(1): 1-25. PMID: 28527533.
- Global Burden of Disease Child and Adolescent Health Collaboration (**Rai RK**). Child and adolescent health from 1990 to 2015: findings from the Global Burden of Diseases, Injuries, and Risk Factors 2015 Study. *JAMA Pediatrics*. 2017; 171(6): 573-592. PMID: 28384795.
- Global Burden of Disease Health Financing Collaborator Network (**Rai RK**). Evolution and patterns of global health financing 1995–2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. *The Lancet*. 2017; 389 (10083): 1981–2004. PMID: 28433256.
- Global Burden of Disease Health Financing Collaborator Network (**Rai RK**). Future and potential spending on health 2015–40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. *The Lancet*. 2017; 389(10083): 2005–2030; Erratum in: *Lancet*. 2017; 389(10083):1980. PMID: 28433260.
- GBD 2015 Tobacco collaborators (**Rai RK**). Smoking prevalence and attributable disease burden in 195 countries and territories, 1990–2015: a systematic analysis from the Global Burden of Disease Study 2015. *The Lancet*. 2017; 389(10082): 1885-1906. PMID: 28390697.
- Forouzanfar MH et al. (**Rai RK**) Global burden of hypertension and systolic blood pressure of at least 110 to 115 mm Hg, 1990-2015. *JAMA*. 2017; 317(2):165-182, Erratum in: *JAMA*. 2017; 317(6):648. PMID: 28097354.
- Moradi-Lakeh M et al. (**Rai RK**). High fasting plasma glucose, diabetes mellitus and its risk factors in the Eastern Mediterranean Region, 1990-2013: findings from the Global burden of Disease study 2013. *Diabetes Care*. 2017; 40(1):22-29. PMID: 27797926.
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- GBD 2015 SDG Collaborators (**Rai RK**). Measuring the health-related Sustainable Development Goals in 188 countries: A baseline analysis from the Global Burden of Disease Study 2015. *The Lancet*. 2016; 388 (10053): 1813–1850. PMID: 27665228.
- GBD 2015 Maternal Mortality Collaborators (**Rai RK**). Global, regional, and national levels of maternal mortality, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*. 2016; 388 (10053): 1775–1812. PMID: 27733286.
- GBD 2015 Child Mortality Collaborators (**Rai RK**). 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*. 2016; 388 (10053): 1725–1774. PMID: 27733285.
- GBD 2015 Risk Factors Collaborators (**Rai RK**). Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*. 2016; 388 (10053): 1659–1724. PMID: 27733284.
- GBD 2015 DALYs and HALE Collaborators (**Rai RK**). 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*. 2016; 388 (10053): 1603–1658. PMID: 27733283.
- GBD 2015 Disease and Injury Incidence and Prevalence Collaborators (**Rai RK**). Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*. 2016; 388 (10053): 1545–1601. PMID: 27733282.
- GBD 2015 Mortality and Causes of Death Collaborators (**Rai RK**). Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980–2015: a systematic analysis for the Global Burden of Disease Study 2015. *The Lancet*. 2016; 388 (10053): 1459–1544. PMID: 27733281.
- Mokdad AH et al. (**Rai RK**). Health in times of uncertainty in the eastern Mediterranean region, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *The Lancet Global Health*. 2016; 4(10): e704–e713. PMID: 27568068.
- GBD 2015 HIV Collaborators (**Rai RK**). Estimates of global, regional, and national incidence, prevalence, and mortality of HIV, 1980–2015: the Global Burden of Disease Study 2015. *The Lancet HIV*. 2016; 3(8): e361–e387. PMID: 27470028.

Research area: miscellaneous Public Health topics

- Chvaja R, Shaver JH, Spake L, Hassan A, Alam N, **Rai RK**, Sear R, Sosis R, Shenk MK. The role of parental religiosity in shaping paternal investment: evidence from Bangladesh and India. *Proceedings of the Royal Society B: Biological Sciences*. 2025; 292 (2053): 20251352. PMID: 40832773.
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- Chakraborty S, **Rai RK**, Biswas A, Barik A, Gurung P, Praveen D. Health care seeking behaviour and financial protection of patients with hypertension: a cross-sectional study in rural West Bengal, India. *PLoS One*. 2022; 17(2): e0264314. PMID: 35213621.
- Singh L, Goel R, **Rai RK**, Singh PK. Socioeconomic inequality in functional deficiencies and chronic diseases among older Indian adults: a sex-stratified cross-sectional decomposition analysis. *BMJ Open*. 2019; 9(2): e022787. PMID: 30819699.

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- Barik A, **Rai RK**. Catch them young: grooming a new generation of physicians in India. *Journal of Public Health (Springer)*. 2017; 25(5): 461–463. ISSN 0943-1853 (Print); 1613-2238 (Online).
- Rai RK**, Tulchinsky TH. India's pathetic public health situation. *Economic & Political Weekly*. 2017; 52(44): 4. ISSN (Online) - 2349-8846. [Letter]
- Rai RK**, Tulchinsky TH. India badly needs public health education. *Economic & Political Weekly*. 2017; 52(27): 37-39. ISSN (Online) - 2349-8846.
- Lytton ME, Collin RW, **Rai RK**. Ambient air pollution from urban transport in India. *Economic & Political Weekly*. 2016; 51 (41): 46-53. ISSN (Online) - 2349-8846.
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- Barik A, **Rai RK**, Chowdhury A. Alcohol use-related problems among a rural Indian population of West Bengal: an application of the Alcohol Use Disorders Identification Test (AUDIT). *Alcohol & Alcoholism*. 2016; 51 (2): 215-223. PMID: 26294678.
- Singh L, Arokiasamy P, Singh PK, **Rai RK**. Determinants of gender differences in self-rated health among older population: evidence from India. *SAGE Open*. April-June 2013; 3(2): 2158244013487914. ISSN: 2158-2440 (Online).

RESEARCH GRANT

Project: Developing Methodology for Applying Participatory Mapping and AI-driven Analysis of Open-source Data to Understand Nutritionally Relevant Spatiotemporal Characteristics of Food Environments and Consumer-food Environment Interaction at and Around Mahidol University

Funder: Mahidol University, Thailand

My role: Co-investigator (with Principal Investigator: Sabri Bromage)

Total budget: THB 150,0000 ($\approx$ USD\$ 45, 634)

Project Period: 2024-2025

Project: Multi-sectoral Nutrition intervention for Anemia Reduction Initiative (NARI): Implementation Research for Improving Women's Health in Tripura, India

Funder: Indian Council of Medical Research (ICMR), Government of India

My role: Co-investigator (with Principal Investigator: Preety R Rajbangshi)

Total budget: INR₹ 1,45,86892 ($\approx$ USD\$ 170, 481)

Project Period: 2023-2026

Project: The Evolutionary Dynamics of Religion, Family Size, and Child Success

Funder: John Templeton Foundation, USA

My role: Internal Principal Investigator, India (with International Principal Investigators - John Shaver, Mary K Shenk, Richard Sosis, and Rebecca Sear)

Total budget: USD\$ 2,380,604

Project Period: 2019-2022

Project: Demand and Supply Side Barrier of Iron and Folic Acid Consumption: A Mixed Method Cross-sectional Study

Funder: Department of Health and Family Welfare, Government of West Bengal, India

My role: Principal Investigator (with Advisors - Anamitra Barik, and Abhijit Chowdhury)
Total budget: INR₹ 45,56,650 (≈ USD\$ 53,255)
Project Period: 2019-2024

EDITORIAL BOARD MEMBER

Review Editor: Frontiers in Public Health - Public Health and Nutrition (February, 2023 – Present)

BMC Nutrition (October, 2022 – Present)

Associate Editor: Public Health Reviews (May, 2016 – Present)

Guest Associate Editor: International Journal of Public Health

BMC Public Health (May, 2015- September, 2021)

AD-HOC REVIWING

Lancet Global Health, The Lancet Regional Health – Southeast Asia, International Journal of Epidemiology, Bulletin of the World Health Organization, Social Science and Medicine, Studies in Family Planning, Health Policy and Planning, Scientific Reports, Public Health Nutrition, Public Health, Journal of Health Population and Nutrition, PLoS One, International Health, Maternal and Child Nutrition, BMC Medicine, Journal of Public Health (Springer), BMC Women's Health, BMC Public Health, BMC Pregnancy and Childbirth, BMC Health Services Research, Global Health Action, Peer J, Alcohol and Alcoholism, BMJ Open, Public Health Reviews, Substance Use and Misuse, Health Care for Women International, Journal of Population Ageing, European Journal of Pediatrics, BMJ Global Health, SSM-Population Health

CONFERENCE/ SEMINAR PARTICIPATION

2025: International Health Economics Association (IHEA) Congress. July 19-23, Bali, Indonesia.

2025: CGIAR Science Week. April 7-12, Nairobi, Kenya.

2023: 15th International Health Economics Association (IHEA) World Congress on Health Economics. July 8-12, Cape Town, South Africa.

2019: 4th International Congress Hidden Hunger, February 27-March 01, Universität Hohenheim, Stuttgart, Germany.

2018: Symposium: Advancing Global Nutrition for Adolescent and Family Health: Innovations in Research and Training. February 16-17, Dubai, UAE.

2017: 11th World Congress on Adolescent Health, October 27-29, New Delhi, India.

2016: Sixth National Convention of Right to Food Campaign, September 23-25, Ranchi, India.

2016: Open Medical Institute Seminar on Migrant and Minority Health. Salzburg Stiftung of the American Austrian Foundation, April 3-9, Salzburg, Austria.

2016: Annual Meeting of Population Association of America (PAA). March 31- April 2, Washington D.C, USA.

2016: International Conference on Family Planning. January 25-28, Nusa Dua, Indonesia.

2015: World Social Science Forum. September 13-16, Durban, South Africa.

2015: Session Organizer & Co-chair, Population, Agriculture, Economics, and Nutrition Security, 2015 Annual Meeting of Population Association of America (PAA), April 30 – May 2, San Diego, California, USA.

2015: Session Organizer & Co-chair, Population, Agriculture, and Food Security, 2015 Annual Meeting of Population Association of America (PAA), April 30 – May 2, San Diego, California, USA.

2014: 2nd Global Conference on Community Health, March 19-22, Dhaka, Republic of Bangladesh.

2013: 27th International Population Conference, International Union for the Scientific Study of Population (IUSSP), August 26-31, Busan, Republic of Korea.

2013: Annual Meeting of Population Association of America (PAA). April 11-13, New Orleans, Louisiana, USA.

2013: Global Maternal Health Conference. January 15 – 17, Arusha, Tanzania.

2011: 10th International Conference on Urban Health. November 1 – 5, Belo Horizonte, Brazil.

2010: Global Maternal Health Conference. August 30 – September 1. New Delhi. India.

2010: Seventh National Conference of Indian Association for Social Science and Health, 5 – 7 March, Varanasi, Uttar Pradesh, India.

PROFESSIONAL MEMBERSHIP

Member of American Economic Association	2022-Present
Member of American Society for Nutrition	2022-Present
Member of International Union for the Scientific Study of Population	2022-Present
Member of Population Association of America	2022-Present
Working Group Member of European Burden of Disease Network	2020-Present
Member of Global Burden of Disease Collaborator Network	2015-Present
Life member of Indian Association for the Study of Population	
Life Member of Indian Association for Social Science and Health	

LANGUAGE PROFICIENCY

English (fluent), Hindi (native), Bengali (fluent), Bhojpuri (native)