



Dr Rupak Mukhopadhyay

Educational Qualification (Highest Degree and Alma Mater)	PhD in Anthropology, Department of Anthropology, University of Delhi, Delhi
Specialization	Biological Anthropology, Implementation Science, Community Based Research, Molecular Anthropology
Research Interest	Implementation Research, Maternal and New-born health, Primary health Service Delivery, Health System Research, community-based trials, population genetics
Research Experience	<ol style="list-style-type: none"> 1. Site In-charge and Investigator 2020-2022, SOMARRTH Demographic, Development, Health and Environmental Surveillance Site at Palwal, Haryana 2. Deputy Director (Implementation Research), 2021-2022, Maternal and Newborn Health Service Delivery at Primary Health Care Settings 3. Lead community trials (2020-2022) Community based trials on Covid Vaccine 4. Coordinator and Technical support (201-2022), Establishing SOPs and Body of Ethics Committee on health research in District Health Department, Palwal 5. Senior Programme Officer (Research and Implementation Science) for community-based research on maternal and child health 6. Research Consultant (2016) Baseline survey on reproductive health profiles of carpet weaver community in Panipath , Haryana. 7. Implementation Research Expert (2016) Design and implement holistic community-based intervention programme through peer group support mechanisms amongst weaver community in Panipath, Haryana. 8. Research And Evidence Building Expert (2014-2015) Prevention and early management of viral hepatitis B and C in high-risk populations from North-East India funded by Bristol Meyer and Squibb Foundation 9. Research and Evidence Building Expert (2014-2015) Community based health and development program for carpenter

	<p>community through an inclusive approach, Funded by Green ply.</p> <ol style="list-style-type: none"> 10. Research and Evidence Building Expert (2014-2015) Preventing Parent to Child Transmission (PPTCT) through early identification, care and support of pregnant women for improving maternal health outcomes in two high HIV prevalence districts of India- project funded by International HIV Alliance 11. Research and Evidence Building expert (2014-2015) Strengthening the district public health service system for improved reproductive choices among young married couples in Rajasthan and Uttar Pradesh- project funded by McArthur Foundation 12. Research and Evidence building expert (2014-2015), Assessment of effectiveness of intervention package (WHO quality assessment and Adolescent Job aids) on utilization of SRH services by the youth-project funded by European Union 13. Lead Investigator (2014-015) Assessment of 10K club private sector partnership (CSR)- a continuum of care approach for 0-2 and 10-19 age group in Nihal Vihar, New Delhi (MAMTA corpus fund) 14. Research Lead (2014-2015) Preventing Parent to Child Transmission (PPTCT) through early identification, care and support of pregnant women for improving maternal health outcomes in two high HIV prevalence districts of India- project (International HIV Alliance) 15. Research Manager (Evidence Building), MAMTA Institute for Mother and Child (2014-2015), Community based health and development program for carpenter community through an inclusive community-based approach (Ford Foundation) 16. Research Manager (Evidence Building), MAMTA Institute for Mother and Child (2014-2015) Prevention and early management of viral hepatitis B and C in high-risk populations from North-East India (Bristol Meyer and Squibb Foundation) 17. Research Scientist and Project Manager, Community Empowerment Lab (2013-2014) Multi-centric multi-country biobanking study - AMANHI-The Alliance for Maternal and Newborn Health Improvement (WHO) 18. Co-Investigator of INCLEN - University of California collaborative research project on Indoor - Air Pollution and Pregnancy Outcome, 2011 - 2013 19. Coordinator of INCLEN - McGill collaborative research project on Childhood Obesity. (ICMR-Canadian Institute for Health Research), 2010 – 2011 20. Principal Investigator of INCLEN - University of Tromso, Norway collaborative research project on Climate Change and Health, 2011 - 2012 21. Principal Site Investigator SOMAARTH, The INCLEN Trust International, Demographic, Development, Health and Environmental Surveillance Site at Palwal, Haryana, 2009-2012
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	<p>22. Field -Investigator (2008-2009), Department of Anthropology, university of Delhi, Special Assistant Programme (SAP), University Grant Commission. Population Diversity and Affinity in tribal groups of Himachal Pradesh</p> <p>23. Senior Associate (2007-2008), Institute of Genomics and Integrative Biology (CSIR) worked on India Genome Variation Data Bank to identify ethnically variable SNPs.</p> <p>24. Research Associate (2007 -2008), All India Institute of Medical Science, Department of Paediatric Surgery, worked on Angiotensin converting enzyme insertion/deletion polymorphisms in Vesicoureteric Reflux and its relationships with Renin Angiotensin System activity in early diagnosis of renal damage.</p> <p>25. Senior Research Assistant, Lady Harding Medical College (2006-2007) DBT funded Project "A study on Genetic Thrombophilia and related pregnancy complications"</p> <p>26. Research Assistant, Department of Anthropology, University of Delhi, (2003-2006) DBT funded project "Human Genome Diversity at selected autosomal and mitochondrial loci amongst selected population groups of Andhra Pradesh"</p>
Teaching Experience	<ul style="list-style-type: none"> • Associate Professor (from April'2022) in Amity Institute of Anthropology, Amity University, Noida Campus • Assistant Professor (Ad-Hoc 2008-2009) in Department of Anthropology, University of Delhi, North Campus
Research Projects	<ol style="list-style-type: none"> 1. Co-Investigator (2021-2022) Understanding the current childhood pneumonia management practices in a few selected low- and middle-income countries: An Observational Study in SOMAARTHDESS of Palwal District, Haryana (India), Funded by WHO 2. Co-Principal Investigator (2020-2021) District wide scale up of Possible Serious Bacterial Infection management amongst young infant implementation research in primary health facilities in Palwal District (UNICEF & USAID) 3. Principal Field Investigator (Implementation Research) (2017-2020) Implementation of national guideline of Possible Serious Bacterial Infection management amongst young infants (0-59 days) by frontline workers (Funded by World Health Organization, Geneva) 4. Co-Principal Investigator (2021-2022), Implementation research on LaQshya Programme) in six states across India- improvement of Quality of Care around intrapartum and immediate postpartum care -around Labor Room and Maternity OT (ICMR & Ministry of Health and Family Welfare) 5. Co- Investigator (2020-21) Randomized, double blinded, placebo controlled, multicentre Phase II/III adaptive clinical trial to assess the safety and immunogenicity of Gram -COVID -Vac combined vector vaccine for SARS-CoV-2 infection in healthy Indian subjects (Sputnik V Covid Vaccine Community Trial, Reddy's Laboratory)

	<ol style="list-style-type: none"> 6. Co- Investigator (2020-21), A prospective, multicenter randomized active-controlled, observer blinded phase II study seamlessly followed by phase III study to evaluate the safety tolerability and immunogenicity of the candidate HGC019 in healthy Indian subjects (m RNA COVID vaccine community trials, Gennova Bio- Pharmaceuticals) 7. Co- Investigator (2021), A phase II, randomized, multi-centric clinical trial of heterologous, prime boost combination of SARS-CoV-2 to evaluate immunogenicity and safety ofBBV152(COVAXIN) with BBV154 (adenoviral intranasal COVID-19 vaccine) in healthy volunteers (Nasal Vaccine community-based trials, Dr Reddy's Laboratories) 8. Co-Investigator, University of California collaborative research project on Indoor - Air Pollution and Pregnancy Outcome, 2011 - 2013
Honour and Technical body Membership	<ol style="list-style-type: none"> 1. Member of ICMR North-East Implementation Research Taskforce 2019-2021 2. Member of Home Based Newborn Care Sub committee of India Newborn Action Plan (INAP)2020-2030 Action Strategy Committee of Ministry of Health and Family Welfare, Child Health Division (Government of India) 3. Invited presentation in UNICEF-USAID Quality of Care Group-on implementation research, Nairobi, Kenya, Africa,2020 4. Invited presentations in WHO investigator's meeting for Possible Severe Bacterial Infection management- community based implementation research, Lagos, Nigeria, Africa, 2016 5. Invited site representative for Alliance for Maternal and Newborn Health Improvement (AMANHI) Study (Johns Hopkins University) by World Health Organization, Geneva, Switzerland, April 2013 6. Invited as expert for proposal review committee at United Nation Foundation at Washington DC, March 2012 7. Invited expert at global task force for childhood obesity research at McGill University, Montreal, Canada, April 2011
Number of thesis Guided/ Ongoing	One (Ongoing)
Publications <ol style="list-style-type: none"> 1. Mukhopadhyay R, Arora NK, Sharma PK, Dalpath S, Limbu P, Kataria G, Singh RK, Poluru R, Malik Y, Khera A, Prabhakar PK, Kumar S, Gupta R, Chellani H, Aggarwal KC, Gupta R, Arya S, Aboubaker S, Bahl R, Nisar YB, Qazi SA. Lessons from implementation research on community management of Possible Serious Bacterial Infection (PSBI) in young infants (0-59 days), when the referral is not feasible in Palwal district of Haryana, India. PLoS One. 2021 Jul 7;16(7):e0252700. doi: 10.1371/journal.pone.0252700. PMID: 34234352; PMCID: PMC8279773. 2. Arora NK, Mukhopadhyay R (2012) A note on critical appraisal- "Points to Ponder" in Introduction To Research Methodology and Biostatistics, IJP (6): 116-128 3. Mukhopadhyay R, Sambandam S, Pillarisetti A, Jack D, Mukhopadhyay K, Balakrishnan K, Vaswani M, Bates MN, Kinney PL, Arora N, Smith KR (2012) Traditional cooking practices and the acceptability of advanced biomass cookstoves in Haryana, India: An Exploratory Study. Global Health Action (5):1-13 	

4. Mahesh KSSU, Aggarwal A, Bhaskar MV, Mukhopadhyay R, Saraswathy KN (2011) Distribution pattern of HbS and β - Globin gene haplotypes among Koya Dora Tribe of Andhra Pradesh. *International Journal of Human Genetics* 11(2): 123-126
5. Sinha E, Kaurwalia G, Mukhopadhyay R, Gupta R, Saraswathy KN (2010). Methylenetetrahydrofolate reductase polymorphism: An Independent risk of Coronary Heart Disease in an endogamous population from Delhi (India) *European E-Journal of Clinical Nutrition and Metabolism*. 5(5): 213-218
6. Mukhopadhyay R., Saraswathy KN, Ghosh PK (2009). MTHFR C677T and Factor V Leiden in recurrent pregnancy loss: A study among an endogamous group of north India. *Genetic Testing and Molecular Biomarkers*. 13(6):861-5
7. Saraswathy KN, Maitei YS, Murry B., Devi K N, Sinha E, Gupta V, Mukhopadhyay R, Asghar Md., Devi AN, Meitei S and Mohinder P, Sachdeva (2009). Population Severance in Manipur at Dopamine Receptor D2 Locus. *Genetic Testing and Molecular Biomarkers*. 13(6): 831-839
8. Saraswathy KN, Mukhopadhyay R, Shukla D, Kaur H, Sachdeva MP, Rao AP, Saksena D, Kalla AK (2009). Haplotype Diversity and Linkage Disequilibrium at DRD2 Locus – A study on four population groups of Andhra Pradesh, India. *Genetic Testing* 13(1): 115-119
9. Saraswathy KN, Sachdeva MP, Mukhopadhyay R, Shukla D, Devi NK, Kalla AK (2008). Diversified Geno-ethnic Contributions among South Indian Populations: A study on Four Endogamous Groups of Andhra Pradesh, India. *Annals of Human Biology* 35 (5): 497- 506
10. Saraswathy KN, Mukhopadhyay R, Sinha E, Rawat S, Sachdeva MP and Kalla AK (2008). A study on the MTHFR C677T polymorphism among Ahirs and Jats of Haryana (India). *American Journal of Human Biology*. 20. 116-117
11. Kaurwalia G, Mukhopadhyay R, Saraswathy KN, Puri M, Chahel SMS (2008). A Review of Immuno-Molecular Etiology of Recurrent Pregnancy Loss and Anthropological Perspective. *International Journal of Human Genetics* 8(1-2). 27- 235
12. Mukhopadhyay R, Saraswathy KN. A Note on Factor V Leiden Mutation and Recurrent Pregnancy Loss (2007). *Indian Journal of Human Genetics and Physical Anthropology*. 6(1) 131
13. Mukhopadhyay R, Kshatrya GK (2004). A study on ABO blood group and Rh factors among Rajputs and Brahmins of Kasauli, Himachal Pradesh. *The Anthropologists*. 6 (4). 293-294
14. Situational assessment of Health Hygiene Sanitation and Financial Awareness Amongst Carpet Weavers- A study in Yati Overseas and Raj Overseas factories in Panipath, Haryana (2015): Raj Overseas Yearly outlook.
15. Endline evaluation study for 10K Project – An initiative towards newborn and adolescent life skills and health by MAMTA (2014): Yearbook, MAMTA
16. A report on assessment of effectiveness of intervention package (WHO quality assessment and Adolescent Job aids) on utilization of SRH services by the youth (2014): Yearbook, MAMTA