

Office

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EDUCATION

PhD in Population Studies, Jawaharlal Nehru University, New Delhi, India (4nd year). Thesis entitled
“**Changing Adult Mortality in India: Socio-Economic and Subnational Patterns**”.

2016: MPhil in Population Studies, Jawaharlal Nehru University, New Delhi. 1st Class with 1st
position (**A+ in Dissertation**)

2014: Master’s in Population Studies, International Institute for Population Sciences, Mumbai.

2012: Graduation in Statistics, University of Rajasthan, Rajasthan.

AREA OF INTEREST

Mathematical Demography, Public Health, Mortality, longevity and morbidity, Population and
Development, Forecasting and projection, Health Inequalities, Health Economics, Gender and Health.

AWARDS/FELLOWSHIP

- **Young scientist Award** at Second Asian Population Forum in Shanghai, China,
<https://iiasa.ac.at/web/home/research/researchPrograms/WorldPopulation/News/191012-APF-Award.html#:~:text=Former%20IIASA%20Young%20Scientist%20Summer,Asian%20Population%20Forum%20in%20Shanghai.&text=For%20their%20paper%20entitled%20%22Education%20or%20economic%20status%3F>
- <http://adrishanghai.org/infow2.asp?id=193>
- The Jyoti and Kirit Parikh YSSP Fellowship. To participate in Young Scientist Summer Program (YSSP) 2019 at **International Institute for Applied Systems Analysis, Laxenburg, Austria**.
https://iiasa.ac.at/web/home/about/giving/yssp_fund/2019_YSSP_Fund_Recipients.html
- Travel Grant from the European Commission, UNECE, the University of the Basque Country, the Oxford Institute of Population Ageing, with the support of the Government of Biscay to attend the *Second International Seminar on the Active Ageing Index (AAI) in Bilbao, Spain in September 2018*.
- Government of India and UGC (NET-JRF) Fellowship for pursuing MPhil-PhD Course in Jawaharlal Nehru University, New Delhi from 10 November 2014, 201 to 9 October, 2019.
- Travel Awarded by IUSSP to attend seminar on “Lifespan extension with Varying Cause-of-Death Trajectories in European Societies” organized by IUSSP, Castle of Rauschholzhausen, Germany, February 11-13, 2019

- IUSSP Travel award to attend training course on Bayesian Population Projections: Theory and Practice, and IUSSP XXVII **International Population Conference** on 28-29 October to **4 November 2017**, Cape Town, South Africa
- World Society for Pediatric Infectious Diseases (WSPID) Fellowship awarded to attend 10th World Congress of The World Society for Pediatric Infectious Diseases - **WSPID 2017, December 2-5, 2017, Shenzhen, China.**
- Australian Health Economics Society Student Travel Scholarship, 2016 to attend **38th Annual Australian Health Economic Society Conference, 26-27 September 2016, Perth, Australia**
- Asian Population Association (APA), 2015 travel grant to attend 3rd Asian Population 3rd **International Conference of Asian Population Association, July 27-30, 2015, Kuala Lumpur, Malaysia.**
- Government of India Fellowship for during MSc Course in International Institute for population Sciences from 30 July, 2012 to April 2014.

RESEARCH PUBLICATION IN SCIENTIFIC JOURNAL

PEER REVIEWED JOURNAL ARTICLES

- World health status 1950-2015: Converging or diverging. *PLOS ONE*, 14(3), e0213139, 2019 (Jointly with Goli S, Swastika C, Rammohan A).
- Actual and perceived fertility differential among families of natives, immigrants, and descendants of immigrants in a northeastern state of India, *Population, Space and Place* (Jointly with Saikia Nandita).
- The unending burden of high out-of-pocket expenditure on institutional deliveries in India. *Public Health*, 193, 43-47, 2021.
- Gender Difference in Health-Care Expenditure: Evidence from India Human Development Survey. *PLOS ONE* 11.7 (2016): e0158332. (Jointly with Saikia Nandita).
- High Spending on Maternity Care in India: What Are the Factors Explaining It?. *PLOS ONE*, 11(6), e0156437, 2016 (Jointly with Saikia Nandita).
- Out-of-pocket expenditure on maternity care for hospital births in Uttar Pradesh, India. *Health Economics Review*, 8(1), 5.
- Gender Disparities in Healthcare expenditure and Health Care Financing Strategies for in-patient care in India, *SSM-Population Health* (Jointly with Saikia Nandita).
- Regional Differentials in Multidimensional Poverty in Nepal: Rethinking Dimensions and Method of Computation. *SAGE Open*, 9(1), 2158244019837458, 2019. (Jointly with Goli S, Maurya NK, Bhandari P).
- Road to family planning and RMNCHN related SDGs: Tracing the role of public health spending in India. *Global Public Health*. (Jointly with KS James, Goli S, UNFPA India team).

PAPERS UNDER REVIEW

- The Effect of Prime Age Adult Death on Household Consumption Expenditure and Income in India: Evidence from Nationally Representative Large Panel Data. *Journal of Population Research*.
- The unending burden of out-of-pocket expenditure on institutional deliveries in India, *Journal of Public Health*.
- Pattern and correlates of Diarrheal Deaths: A cross national study of 193 countries.

SUBMITTED PAPERS

- Tracking Progress in Demographic and Health Indicators across the States of India, 1992-2016: Setting Priorities for the Population and Health Policies (Jointly with KS James, Goli S, UNFPA India team).

CURRENTLY WORKING PAPERS AND BOOKS

- Education or economic status? Comparing their relative effect on prime-age adult mortality in India using longitudinal survey data (Jointly with Lutz Wolfgang, Samir KC, Striessnig Erich)
- Socio-economic differences in Life expectancy in India.
- Decomposing socioeconomic inequality in Adult Mortality in India
- Gender difference in post-neonatal mortality by type of family in rural South Asia
- Patterns and risk factors for deaths from external causes in India: Analysis of nationally representative population-based Survey
- How elderly Paying for Healthcare in India?
- Catastrophic Health Expenditure for inpatient care of Diabetes in India.
- Marital Status and Overweight: A Study of Patterns and Correlates among Women in India (Jointly with Kashfi N, Siddiqui MZ, Chakravorty S).
- Public and Private Divide in Health Care Spending in India: What Factors Explains the Gap? (Jointly with Ram H, Goli S, Anu Rammohan).
- Writing a book entitled “Adult Mortality in India” (jointly with Nandita Saikia)

New Paper Articles

https://www.oeaw.ac.at/fileadmin/subsites/Institute/VID/PDF/Publications/Working_Papers/WP2020_04.pdf?fbclid=IwAR1iQC6yy3QbE6-YnubQacgB9ZffUWodgLdK7lZWb5FzKrF4Aex8tt8gkW8

http://www.businessworld.in/article/Healthcare-Financing-Women-Discriminated-Against-In-Indian-Households/02-11-2019-178389/?fbclid=IwAR2g-UeWseZpUa7R-gNwMH-BFSZJgScAZYWAw_yGv-Hq8rB7dzHRjpa8ypE

https://swarajyamag.com/ideas/covid-19-is-a-wake-up-call-why-real-time-demographic-data-is-key-to-getting-the-better-of-pandemics?fbclid=IwAR0guhqiEDZvwsbiEFKNvR309yr5kO4ZOEW_bur20gFb32Yhj9c1v8f9jmg

Free childbirth services elude poor, The Telegraph

INTERNATIONAL SEMINAR/CONFERENCES

2019:

- 2nd Asian Population Forum during 11-12 October 2019 organized by Asian Demographic Research Institute at Shanghai University, Shanghai, China.

- Lifespan extension with Varying Cause-of-Death Trajectories in European Societies" organized by IUSSP, Castle of Rauschholzhausen, Germany, February 11-13, 2019

2018:

- Second International Seminar on the Active Ageing Index (AAI) in Bilbao, Spain in September;
- 4th International Conference of Asian Population Association, July 11-14, 2018 at Shanghai University, China.
- 16th Annual Indian Association for Social Sciences and Health conference (IASSH), JNU, New Delhi.

2017:

- XXVIII International Population Conference (IPC 2017) on 28-29 October to 4 November 2017, Cape Town, South Africa;
- 10th World Congress of the World Society for Pediatric Infectious Diseases (WSPID 2017) to be held in Shenzhen, China, December 2-5, 2017;
- International Seminar on *Mortality Analysis and Forecasting*, IUSSP, Max-Planck Odense Center on the Bio demography of Aging, CSRD JNU, India, Denmark, New Delhi, India, 6-7 April 2017

2016:

- 38th Annual Australian Health Economic Society Conference, Perth, Australia, 26-27 September, 2016.
- 37th Annual Conference Indian Association for the Study of Population, New Delhi, India, 7-9 December 2016.
- 5th Indian Health Economics and Policy Association, Kolkata, 15-17 December, 2016; 3rd Indian Human Development Survey Conference, 16-18 March 2016, India.

2015:

- 3rd International Conference of Asian Population Association, Kuala Lumpur, Malaysia, 27-30 July, 2015;
- International Seminar on Mortality and Causes of Death Studies in India: Requirement, Availability and Analysis during past four decades, Jawaharlal Nehru University, New Delhi, March 26-27, 2015.

PARTICIPATION IN TRAINING/WORKSHOP

2019:

- Methods in developing sub-national population and human capital models and its application in development” during 13-17 October 2019 organized by Samir KC, Asian Demographic Research Institute, Shanghai University, Shanghai, China.
- Workshop on “Introductory statistics with R” at International Institute for Applied System Analysis, IIASA, Laxenburg, , 28th June, 1st July, 2019
- Short course on Causal Modeling, organized by Centre for Chronic Disease control (CCDC), Public Health Foundation of India (PHFI) & Harvard T.H. Chan School of Public Health (HSPH) from 6-10, May 2019 at *PHFI Gurgaon*.
- Training workshop on Publishing in Academic Journals: Tips to help you succeed, Taylor & Francis Group, JNU, Central Library JNU, New Delhi.

2018:

- Bayesian Small Area Estimation using Complex Survey Data: Methods and Applications, July 10-11, Shanghai University, China.
- 16th Annual Workshop on Advanced Methods in Large Scale Data Analysis, IASSH Pre conference workshop, JNU New Delhi.

2017

- Training Course on Bayesian Population Projection: Theory and Practice, *Graduate School of Business, University of Cape Town*, Cape Town, South Africa 28-29 October 2017.
- Educational Workshop, The World Congress on Pediatric and Infectious Disease 2017, Shenzhen China, 2 December, 2017.
- Demography of Gender Bias, CEPED, Paris and UNFPA New Delhi, at CSRD JNU New Delhi, 20-24 March 2017.
- Plagiarism and reference management tools, organized by Dr. B.R.Ambedkar Central Library, Jawaharlal Nehru University (JNU), New Delhi, 30th June- 1st July 2017.

2016:

- 4th Australian Health Economics Doctoral (AHED), University of Melbourne. Perth, Australia, 28 September 2016;
- Air pollution, Climate & Health: Methods & Modelling, Harvard T.H. Chan School of Public Health and Public Health Foundation of India, at New Delhi, India, 2-7 January 2016;
- Workshop on R statistical package, Public Health Foundation of India, 8-9 December 2016;

2015

- National Health Mission: Achievements and Challenges, Institute of Economic Growth, Delhi, 8th-12th September, 2014

RESEARCH WORK/ EXPERIENCE

- MA Dissertation on “Pattern and Correlates of Health Care Utilization and Expenditure among Adults in India”
- M.Phil Dissertation on “Gender Disparities in Intra-Household Health Care Financing: Empirical Evidence from India”
- Research Associate in a United Nation for Population Fund, research project titled “Research studies on current and emerging issues Population Dynamics and Sustainable Development” at Jawaharlal Nehru University (JNU) from 1st November, 2018 to 28th February, 2019 under the supervision of Professor K.S. James, (CSRSD, JNU). This project entails an understanding of socioeconomic and demographic progress of Indian states and way forwards in achieving the SDGs. Under this project, the demographic, health and economic returns of family planning and fertility decline in India is also undertaken.
- Consultant in a project titled “Planning ahead for Girls Empowerment and Employability (PAGE) at International Center for Research on Women (ICRW), 6 June 2018 to 7 August 2018
- Consultant in a project titled “Couple Power Project in Jharkhand” at International Center for Research on Women (ICRW), 9 May 2016 to 30 August 2016

SUMMER SCHOOL/INTERNSHIP

- Ministry of Statistics and Program Implementation (MoSPI), National Sample Survey Office (NSSO), 16 June- 17 August 2013.
- Summer School on “Health Policy research: Theory and Application, Indian Health Policy Economics and Policy Association, Bangalore, 2016

SKILLS ON LARGE SCALE SURVEY DATA

Sample Registration System (SRS), Demographic Health Survey (DHS), National Sample Survey (NSS), District Level household Survey (DLHS), Census of India, India Human Development Survey (IHDS), Study on Global Aging and Adult Health (SAGE), BKPPI,

COMPUTER PROFICIENCY

Demographic Packages: Spectrum, MORTPAK, Statistical Packages: STATA, R, MLwiN, SPSS

COUNTRIES INVITED BY

Australia, Germany, South Africa, China, Malaysia, Singapore, Austria, France, Spain, Czech Republic, Hungary.

Place: New Delhi, India

Date: 26 February, 2021

Moradhvaj