

RONAK PAUL**CURRICULUM VITAE****DOCTORAL SCHOLAR**

Department of Public Health and Mortality Studies
 International Institute for Population Sciences
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PERSONAL DATA

Nationality: Indian
 Date of birth: 15/11/1996
 Place of birth: Siliguri, West Bengal, India
 Family status: Unmarried
 Languages: English, Hindi, Bengali

EDUCATION

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| 2021-Current | Doctor of Philosophy (PhD) in Biostatistics and Demography, Department of Public Health and Mortality Studies, International Institute for Population Sciences

<i>Thesis titled: "Clustering and Risk Factors of Fetal Deaths and Early-life Mortality across Families and Communities in South Asian Countries"</i>

Advisor: Prof. Abhishek Singh |
| 2019-2020 | Master of Philosophy (MPhil) in Biostatistics and Demography, International Institute for Population Sciences

<i>Thesis titled: "Do Early Childhood Adversities Affect Developmental Potential in Children and Lead to Adverse Outcomes? Evidence from India"</i>

Advisor: Prof. Abhishek Singh |
| 2017-2019 | Postgraduate (M.Sc.) in Biostatistics and Demography, International Institute for Population Sciences

<i>Thesis titled: "Is There Any Relationship between Malnutrition and Cognitive Skill Development among Children? Evidence from India"</i>

Advisor: Prof. Abhishek Singh |
| 2014-2017 | Undergraduate (B.Sc.) in Statistics, University of Calcutta |

RESEARCH INTEREST

Ageing and morbidity; Child mortality and morbidity; Education and development; Health and wellbeing; Family Demography; Longitudinal Data and methods.

COMPUTER PROFICIENCY

Statistical Packages: STATA, R, QGIS, GeoDa, MLwiN, SPSS, SAS, ArcGIS.
 Demographic Packages: MORTPAK, Spectrum, WHO Anthro, WHO AnthroPlus.

PUBLICATIONS IN PEER-REVIEWED JOURNALS

- **Paul, R., & Rashmi.** (2022). Risk factors and clustering of mortality among older adults in the India Human Development Survey. *Scientific Reports*, 12(1), 6644.
Available from: <https://doi.org/10.1038/s41598-022-10583-4>
- **Paul, R.,** Srivastava, S., & Rashmi, R. (2022). Examining infant and child death clustering among families in the cross-sectional and nationally representative Bangladesh Demographic and Health Survey 2017–2018. *BMJ Open*, 12(6), e053782.
Available from: <https://doi.org/10.1136/bmjopen-2021-053782>
- Rashmi, R., & **Paul, R.** (2022). Early childhood circumstances and educational wellbeing inequality among tribal and non-tribal children in India: Evidence from a panel study. *Scientific Reports*, 12(1), 9839.
Available from: <https://doi.org/10.1038/s41598-022-13889-5>
- Srivastava, S., Muhammad, T., **Paul, R.,** & Thomas, A. R. (2022). Multivariate decomposition analysis of sex differences in functional difficulty among older adults based on Longitudinal Ageing Study in India, 2017–2018. *BMJ Open*, 12(4), e054661.
Available from: <https://doi.org/10.1136/bmjopen-2021-054661>
- Muhammad, T., Srivastava, S., Hossain, B., **Paul, R.,** & Sekher, T. V. (2022). Decomposing rural–urban differences in successful aging among older Indian adults. *Scientific Reports*, 12(1), 6430.
Available from: <https://doi.org/10.1038/s41598-022-09958-4>
- Rashmi, R., & **Paul, R.** (2022). Determinants of multimorbidity of infectious diseases among under-five children in Bangladesh: Role of community context. *BMC Pediatrics*, 22(1), 159.
Available from: <https://doi.org/10.1186/s12887-022-03217-1>
- Rashmi, R., **Paul, R.,** & Srivastava, S. (2022). Association of mass media exposure and alcohol consumption apropos alcohol-advertisement ban in India: Multilevel analysis of panel data. *Journal of Substance Use*, 0(0), 1–10.
Available from: <https://doi.org/10.1080/14659891.2022.2051617>
- **Paul, R.,** Rashmi, R., & Srivastava, S. (2022). Association of mass media exposure with combustible and smokeless tobacco use among Indian population: Findings from a panel survey. *BMC Public Health*, 22(1), 125.
Available from: <https://doi.org/10.1186/s12889-021-12459-0>
- **Paul R,** Rashmi R, Srivastava S. Neonatal and Postneonatal Death Clustering Among Siblings in Bangladesh: Evidence from Bangladesh Demographic and Health Survey 2017–2018. *Omega – Journal of Death and Dying*. 2021 Dec; 00302228211066695.
Available from: <https://doi.org/10.1177/00302228211066695>
- Srivastava S, Kumar P, Rashmi, **Paul R,** Dhillon P. Does substance use by family members and community affect the substance use among adolescent boys? Evidence from UDAYA study, India. *BMC Public Health*. 2021 Oct;21(1):1896.
Available from: <https://doi.org/10.1186/s12889-021-11911-5>
- Srivastava S, Chauhan S, Patel R, Marbaniang SP, Kumar P, **Paul R,** et al. Banned by the law, practiced by the society: The study of factors associated with dowry payments among

adolescent girls in Uttar Pradesh and Bihar, India. PLOS ONE. 2021 Oct;16(10): e0258656.

Available from:

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0258656>

- **Paul R**, Rashmi R. Is educational wellbeing associated with grade repetition and school dropout rates among Indian students? Evidence from a panel study. Vienna Yearbook of Population Research. 2021 Aug.

Available from: <https://www.austriaca.at?arp=0x003cb61f>

- **Paul R**, Srivastava S, Muhammad T, Rashmi R. Determinants of acquired disability and recovery from disability in Indian older adults: longitudinal influence of socio-economic and health-related factors. BMC Geriatrics. 2021 Jul 16;21(1):426.

Available from: <https://doi.org/10.1186/s12877-021-02372-x>

- **Paul R**, Rashmi R, Srivastava S. Differential in infant, childhood and under-five death clustering among the empowered and non-empowered action group regions in India. BMC Public Health. 2021 Jul 21;21(1):1436.

Available from: <https://doi.org/10.1186/s12889-021-11486-1>

- Srivastava S, Thalil M, Rashmi R, **Paul R**. Association of family structure with gain and loss of household headship among older adults in India: Analysis of panel data. PLOS ONE. 2021 Jun 4;16(6): e0252722.

Available from:

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0252722>

- **Paul R**, Rashmi R, Srivastava S. Does lack of parental involvement affect school dropout among Indian adolescents? Evidence from a panel study. PLOS ONE. 2021 May 10;16(5): e0251520.

Available from:

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0251520>

- Srivastava S, Rashmi, **Paul R**. Urban-rural differential in neonatal and post-neonatal mortality clustering among Indian siblings: Evidence from National Family Health Survey 2015–16. Children and Youth Services Review. 2021 Feb 1; 121:105822.

Available from: <https://www.sciencedirect.com/science/article/pii/S0190740920322441>

- **Paul R**, Singh A. Does early childhood adversities affect physical, cognitive and language development in Indian children? Evidence from a panel study. SSM - Population Health. 2020 Dec 1; 12:100693.

Available from: <https://www.sciencedirect.com/science/article/pii/S235282732030330X>

WORKING PAPERS

- Paul R., Singh A. Examining Infant Death Clustering Across Families and Communities in South Asia.
- Srivastava, S., Muhammad, T., Paul, R., & Rashmi. R. Decomposing caste differential in Life satisfaction among older adults [Revise and Re-submit at BMC Geriatrics]

PEER-REVIEWED FOR

- Humanities and Social Sciences Communications

- Infant and Child Development
- Omega – Journal of Death and Dying
- PLOS One

FELLOWSHIPS & AWARDS

- Received Max Planck Society Scholarship for attending the “Population and Data Science Summer Incubator Program” at the Max Planck Institute for Demographic Research from June-August 2022
- Received Government of India Junior Research Fellowship (JRF) for pursuing PhD in the International Institute for Population Sciences from January 2021 to present.
- Received Gold Medal in the course “Introduction to R Software” organized by Indian Institute of Technology (IIT) Kanpur from August-October 2019.
- Received Silver Medal in the course “Introduction to Biostatistics” organized by Indian Institute of Technology (IIT) Bombay from July-September 2019.
- Qualified for Lectureship in *Social Medicine and Community Health* through University Grants Commission (UGC) National Eligibility Test (NET) in December 2019.
- Qualified for Lectureship in *Population Studies* through University Grants Commission (UGC) National Eligibility Test (NET) in June 2019.
- Government of India Fellowship for pursuing MPhil in the International Institute for Population Sciences from June 2019 to June 2020.
- Government of India Fellowship for pursuing Post-graduation in the International Institute for Population Sciences from July 2017 to April 2019.

CONFERENCES & SEMINARS

2021:

- 29th International Population Conference organized by the International Union for the Scientific Study of Population (IUSSP) from 5-10 December 2021 [Oral and Poster Presentation].
- 5th Asian Population Association (APA) Conference organized by Asian Population Association from 3-5 August 2021 [Oral Presentation].
- Population Association of America (PAA) 2021 Annual Meeting organized by Population Association of America, May 5-8 2021 [Poster Presentation].
- International Seminar on “*Pandemic and Population Dynamics*” organized by International Institute for Population Sciences (IIPS), Mumbai, 18-20 March 2021 [Oral Presentation].

TRAINING COURSES & WORKSHOPS

2022:

- Training Course on “*Health Data Mapping in Demographic and Health Surveys*”, organized by the USAID from March-June 2022.

2021:

- Training Course on “*Subnational Probabilistic Population Projections*”, organized by the IUSSP on December 2021.
- Workshop on “*Introduction to Multistate Analysis of Population Dynamics*”, organized by the IUSSP on December 2021.
- Workshop on “*Geoprocessing and Spatial Analysis*”, organized by the IUSSP Early Career Taskforce on August 2021.
- Training Course on “*Basic and Advanced Impact Analysis*” by Global Health E-Learning Center on behalf of USAID and John Hopkins Bloomberg School of Public Health on July 2021.
- Training Course on “*Data Visualization with R*” organized by the Max Planck Institute for Demographic Research on June, 2021.
- Training Course on “*How to make the contraceptive calendar work for you: an introduction to using PMA data*” organized by IPUMS-PMA on May, 2021.
- Training Course on “*Introduction to Population Grids and their Integration with Remote Sensing Data for Sustainable Development and Disaster Management*” organized by NASA’s Applied Remote Sensing Training Program on March, 2021.
- Workshop on “*The International Journal of Educational Development: Insights from the Editors*” organized by Elsevier Researcher Academy on January 2021.
- Workshop on “*Fundamentals of Peer-Review*” organized by Elsevier Researcher Academy on January 2021.

2020:

- Course on “*Learning Environment for Multilevel Methodology and Applications*” by Centre for Multilevel Modelling, the University of Bristol since August 2020.
- Training Course on “*Fundamentals of Manuscript Preparation*” by Elsevier Researcher Academy on July 2020.
- Training Course on “*Going Through Peer-Review*” by Elsevier Researcher Academy on July 2020.
- Completed Course on “*Demographic and Health Surveys: Data Use*” by Global Health E-Learning Center on behalf of USAID and John Hopkins Bloomberg School of Public Health on April 2020.
- Workshop on “*Clinical Trials and Value Propositions*” organized by International Institute for Population Sciences on February 2020.

2019:

- Completed Course on “*Nutrition: An Introduction*” by Global Health E-Learning Center on behalf of USAID and John Hopkins Bloomberg School of Public Health in October 2019.
- Completed Course on “*Introduction to Early Childhood Development*” by Global Health

E-Learning Center on behalf of USAID and John Hopkins Bloomberg School of Public Health in October 2019.

- Training Course on “*Introduction to R Software*” organized by IIT Kanpur from August-October 2019.
- Training course on “*Introduction to Biostatistics*” organized by IIT Bombay from July-September 2019.
- Workshop on “*Developing Capacities for Reference and Research: DELNET Discovery Services, Plagiarism & Academic Integrity and Digital Reference Management Tools*” organized by Developing Library Network (DELNET) in October 2019.

MEMBERSHIPS & ACTIVITIES

- International Union for the Scientific Study of Population (IUSSP) student Member since 2020.
- Asian Population Association (APA) student member since 2020.
- The Cochrane Collaboration student member from 2019-2021.
- International Institute for Population Sciences (IIPS) Placement Cell Representative from 2018-2019.

RESEARCH EXPERIENCE

- I have collaborated with scholars of different departments at IIPS to undertake group research projects on *family demography, child mortality & morbidity, ageing, morbidity & disability* from 2020. The findings of these independent and non-funded research projects are published as research papers in scientific journals.
- Performed literature review project on “*Understanding the Impact of Undernutrition during Childhood on the Development Potential of Children in Middle and Low-Income Countries*” as part of course curriculum at the International Institute for Population Sciences from September-November 2019.
- Research Internship in the project “*Sustainable Guar Initiative*” at Technoserve India Foundation from April-June 2018. *Objective:* Impact assessment of Project on the livelihoods of farmers. *Location:* Rajasthan, India. *Scope of work:* Field mapping, Data collection through primary interview, Data cleaning, Assessment of Impact, Submission of detailed report.
- Performed qualitative assessment for the project “*A Study on Basic Amenities in Ghatla village, Mumbai*” as part of course curriculum at the International Institute for Population Sciences from January-February 2018. *Objective:* Understanding the availability and accessibility of basic amenities in households of Ghatla. *Scope of work:* Field mapping, Data collection through the primary interview, Qualitative assessment, Submission of a detailed report to the IIPS review board.