

RUCHI JAIN

Associate Fellow

National Council for Applied Economic Research (NCAER), New Delhi 110002

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Summary

As a PhD Demographer with over 17 years of successful professional experience, I have successfully conducted research activities such as designing survey instruments, training interviewers, collecting and analyzing data, interpreting findings, and writing reports and papers. In recent years, I have excelled in communication activities, effectively sharing important research findings through newsletters and engaging with diverse audiences to facilitate knowledge exchange and informed decision-making.

EDUCATIONAL BACKGROUND

PhD

International Institute for Population Sciences (2013)

Population Studies

Mumbai, India

Area of Specialization: Migration and Sexual Risk Behaviour

Thesis: Risk-Taking Behaviour among Single Women Staying in Working Women's Hostels in Delhi".

M.Phil.

International Institute for Population Sciences (2003)

Population Studies

Mumbai, India

Area of Specialization: Women's Reproductive Health

Thesis: Underreporting of Induced Abortions: National and Regional Level Estimates for India.

MSc.

Banaras Hindu University (2001)

Population Studies

Varanasi, India

Area of Specialization: Fertility

Thesis: A Demographic Survey of Varanasi Rural with special emphasis on Fertility

Awards and Honors

- **Best Poster Award** for the paper entitled "Empirical Investigations on Causes and Implications of Chronic Absenteeism Behaviour on Well-being of Primary School Students in India" at the Annual Meeting of Population Association of America (PAA) held during April 6-9, 2022, Atlanta, Georgia, USA.
- **Travel Award**, Population Association of America International Travel Award, April 27-29, 2017, Chicago, Illinois.
- **Travel Award**, Population Association of America International Travel Award, March 29-31, 2007, New York, USA.
- Qualified **National Education Test (NET) in Population Studies** conducted by University Grant Commission, New Delhi, India, 2003.

- **JR RELE Award** for the best Term paper during M.Phil. Programme at IIPS.
- **Government of India Fellowship** for pursuing PhD in Population Studies at the International Institute for Population Sciences (IIPS), Mumbai.
- **Government of India Fellowship** for pursuing a Master of Philosophy (M.Phil.) in Population Studies at the International Institute for Population Sciences (IIPS), Mumbai.

Research Interest & Specialization

Demography, Public Health, Reproductive Health, Maternal and Child Health, Gender Studies, Migration Dynamics and Youth Studies

Professional Experience

October 2024 – To date	Associate Fellow
October 2018 – September 2024	Senior Research Analyst, NCAER
August 2007 – September 2018	Research Analyst, NCAER

Key Responsibilities:

Broadly the responsibilities include facilitating primary data collection, Collating and analysing statistical data using large-scale datasets such as NFHS, NSS, DLHS and other large surveys conducted by NCAER such as IHDS, DMAS, DCVTS, ARIS/REDS and Agriculture Outlook etc. My responsibilities also include preparing reports and writing scientific papers for publication. More recently have proactively led the compilation and publication of the IHDS newsletter by collaborating with various national and international research scientists.

Specific Duties:

- Development of survey instruments
- Testing the survey instruments on CAPI
- Data management using STATA software.
- Responsible for extracting and validating client data.
- Analyzing raw data using STATA, concluding & developing recommendations.
- Advising on the suitability of methodologies and suggesting improvements.
- Carrying out relevant statistical techniques as per the study requirements
- Report writing/Project briefs, and Scientific Papers.
- Making presentations to the sponsors

Team Management:

- Dealing with the field agencies
- Train and supervise a team of interviewers and coders
- Ensuring data quality by weekly check-in with the field staff

With all the above responsibilities, worked as a Core Team Member in various Studies at NCAER:

- NCAER-National Data Innovation Centre (NDIC) from 2018 onwards.
- UNICEF Study on Vulnerability Analysis of Children in India, October-December, 2017.
- Evaluation of Primary Healthcare Service (PHC) Pilot Program in Uttar Pradesh, April-September, 2017.

- Doubling of Farmers' Income in India: Challenges and Policy Strategies, January-March, 2017.
- NCAER-University of Maryland Project on India Human Development Survey, 2014-2016.
- Agricultural Outlook and Situation Analysis Reports for Food Security, 2013-2014.
- The IDRC-NCAER Project on Decentralization, Rural Governance, and Inclusive Growth: Linkages and Implications, 2009-2012.
- Rural Housing in India: Challenges & Opportunities, sponsored by Holcim Ltd., 2008-09.

Publications

- Jain, Charu., & **Jain, Ruchi**. (2023). Chronic Absenteeism and Its Impact on the Learning Outcomes of Primary Grade Students in India. *Margin: The Journal of Applied Economic Research*, 17(1-2), 124-162.
- **Jain, Ruchi**, Sonalde Desai and Reeve Vanneman. "Janani Suraksha Yojana and Declining Socioeconomic Differences in Maternal Care", NCAER Working Paper (WP20) <https://www.ihds.umd.edu/working-papers>.

Media Coverage of the paper

This paper got seven media coverage including the Press Information Bureau (PIB), Ministry of Health & Family Welfare, The Hindu etc.

1. http://www.business-standard.com/article/government-press-release/impact-of-jsy-116112900702_1.html
 2. <http://timesofindia.indiatimes.com/india/India-witnesses-improvement-in-maternal-healthcare-services/articleshow/55690235.cms>
 3. <http://www.thehindu.com/data/Janani-Suraksha-Yojana-pays-dividends-tudy/article15477844.ece>
 4. https://twitter.com/MoHFW_INDIA/status/785354030952411141
 5. <http://www.newkerala.com/news/fullnews-225290.html>
 6. <http://www.drishtias.com/upsc-exam-gs-resources-Impact-of-Janani-Suraksha-Yojana-in-maternal-care>
 7. <http://pib.nic.in/newsite/PrintRelease.aspx?relid=157975>
- Singh, A.K., R K. Sinha and **Ruchi, Jain**. 2015. "Examining Nonconsensual Sex and Risk of Reproductive Tract Infections and Sexually Transmitted Infections among Young Married Women" in Djamba, Yanyi K and Kimuna, Sitawa R; edited 'Gender Based Violence: Perspectives from Africa, the Middle East, and India': Springer Publication June 2015, https://link.springer.com/chapter/10.1007/978-3-319-16670-4_8.
 - Singh, Ajay K., R K. Sinha and **Ruchi, Jain**. 2012. "Reproductive and Sexual Rights of Young Women and their Health Outcome". Lambert Academic Publishing: Saarbrucken/Deutschland/November 2012, <https://www.amazon.com/Reproductive-Sexual-Rights-Health-Outcome/dp/365900040X>.
 - **Ruchi Jain** and Upasana Sharma. 2011. "Complaints: Does anybody actually care" in "Rural Governance and Inclusive Growth: Linkages and Implications". Gramsurajya. Project Brief No. 3.
 - Debarpita Roy and **Ruchi Jain**. 2010. "Rural Governance and Inclusive Growth: Linkages and Implications". Gramsurajya. Project Brief No 1.
 - **Jain Ruchi** and Sulabha Parasuraman. 2004. "Maternal Morbidity and Utilization of Antenatal Care Services: A Study of Bihar and Madhya Pradesh". In: T.K. Roy, M. Guruswamy and P. Arokiasamy (eds.), Population, Health and Development in India. Jaipur: Rawat Publications.

Conferences/Seminars Attended

International Conference

- Presented poster entitled “*Understanding the Interconnections Between Women’s Empowerment and Utilization of Maternal Healthcare Services in Rural India*” at the International Conference organized by the Population Association of America (PAA) from April 17th 2024 to 20th April 2024.
- Presented poster entitled “*Missing Girls: Selective Abortion of Girls in India*” at the International Conference organized by the Population Association of America (PAA) from April 12th 2023 to 15th April 2023.
- Presented paper entitled “*Is Collecting Data through ACASI on Sensitive Behaviour an Effective Method: A Methodological Experiment among Women in Delhi India*” at the International Conference on Family Planning (ICFP) in Pattaya City, Thailand from November 14-17, 2022.
- Presented poster entitled “*Empirical Investigations on Causes and Implications of Chronic Absenteeism Behavior on Well-being of Primary School Students in India*” at the International Conference organized by the Population Association of America (PAA) from April 6th 2022 to 9th April 2022
- Presented poster entitled “*Using Audio-Computer Assisted Self-interview (ACASI) for Collecting Data on Contraceptive Use: Culturally Responsive Design, Challenges, and Key Takeaways*” at the International Conference organized by Population Association of America (PAA) from April 6th 2022 to 9th April 2022
- Presented poster entitled “*Gender Differences in Perceived Risk and Knowledge about COVID-19: An Indian Perspective*” at the International Population Conference organised by IUSSP from December 5th 2021 to 10th December 2021.
- Presented paper entitled “*Impact of India's Conditional Cash Transfer Program on Childhood Immunisation Rates*” at the International Population Conference, hosted by IUSSP from December 5th 2021 to 10th December 2021.
- Presented paper entitled “*Gender differences in risk perception of COVID-19: Evidence from India*” at the International conference organized by the Population Association of America (PAA) from May 5th 2021 to 8th May 2021.
- Two papers entitled “*India’s Cash Incentive Program for Maternal Care Utilisation: Who benefitted?*” and “*Impact of India’s Conditional Cash Transfer Program on Childhood Immunization Rates*” were selected for presentation at the International conference organized by the Population Association of America (PAA) during April 22nd 2020 to 25th April 2020 in Washington, DC. The USA.
- Presented two papers entitled “*Has Spending in National Health Mission Scheme Helped in Reducing Socioeconomic Differences in Maternal Care in Rural India*” and “*Do Safe Motherhood Programs Really Have an Impact on Childhood Immunization Rates in India?*” at the 4th Asian Population Association (APA) Conference organized during July 11th 2018 to 14th July 2018 at Shanghai University, China.
- Presented paper entitled “*The Spatial Variation and Correlates of Unmet Need of Family Planning in India: Implications for Program*” at an International conference organized by the Population Association of America (PAA) from April 26th 2018 to 28th April 2018 in Denver. The USA.
- Presented paper entitled “*Social Policy as Equalizer? Janani Suraksha Yojana and Socioeconomic Differences in Maternal Care in Rural India*” at an International conference organized by the Population Association of America (PAA) from April 27th 2017 to 29th April 2017 in Chicago, IL.

- Participated in an International conference organized by the Population Association of America (PAA) from March 31st 2016 to April 2nd 2016 in Washington, DC.
- Participated in an International conference organized by the Population Association of America (PAA) from April 30th 2015 to May 2nd 2015 in San Diego, CA.
- Co-author of the paper “*The Changing Profile of Marital Discord and Divorce in India: A Study of Mumbai*” presented at IUSSP Seminar on Separation, Divorce, Re-partnering and Remarriage around the World, at Montreal, Canada, 4–6 May 2015.
- Co-author of the paper “*The Spatial Pattern and Correlates of Unmet Need of Family Planning in India: Implications for Program*” at “Is access enough? Understanding and addressing unmet need in Family Planning”, presented at an international seminar in Nanyuki, Kenya from May 14-17, 2013.
- Presented paper entitled “*Marital Rape and Reproductive and sexual health of Women: A Study of Delhi*” at the International Population Conference organized by the International Union for the Scientific Study of Population (IUSSP) held in Marrakesh, Morocco in September 2009.
- Presented paper entitled “*Sexual Risk Behaviour and Vulnerability to HIV Infection among Young Migrant Women Workers in Urban India*” at an International conference organized by the Population Association of America (PAA) from March 29th 2007 to 31st March 2007 in New York, USA.
- Presented paper entitled “*Maternal morbidity and utilization of antenatal care services: a study of Bihar and Madhya Pradesh*” at XXV International Population Conference organized by the International Union for the Scientific Study of Population (IUSSP) held in France from 18-23 July 2005.

National Conference

- Presentation on “*Experience of COVID-19 Infection and Its Severity*”, at a webinar on “Tracking Lives and Livelihoods through the Pandemic: Results from the Delhi Metropolitan Area Study”, organised by NCAER, March 2, 2022.
- Participated in the “*Third Annual India Human Development Survey Data User Conference*”, held at Neemrana Fort Palace, Rajasthan during March 16-18, 2016.
- Participated in a Conference on “*Human Development in India: Evidence from IHDS*” organized by NCAER, held in New Delhi, India from 18-19 July 2014.
- Participated in a Conference on “*Decentralization and Rural Governance*” organized by NCAER and IDRC, held at Alwar, Rajasthan, India from 17-19 December 2012.
- Participated in a Conference on “*Measuring Human Development*” organized by NCAER and the University of Maryland, held in New Delhi, India from 16-18 May 2008.
- Paper entitled “*Female Migration in Delhi: An Overview*” presented during the National Seminar on Population, Health and Development from 17th to 19th January 2007.
- Presented paper in a National Seminar on “*Population of Madhya Pradesh*” organized by Population Research Centre, held at Bhopal, Madhya Pradesh, India from 21-23 February 2005.
- Presented paper in a Second National Conference of the Indian Association of Social Sciences in Health (IASSH) on “*Globalization and Health Equity*” organized by IIPS, held at BARC, Mumbai, India from 4-5 February 2005.

- Presented paper in a National Seminar on “*Population and Development in North East Region*” organized by IIPS, held at North-Eastern Hill University, Shillong, Meghalaya, India from February 25-27, 2004.

Workshops/Training

- Attended a 5-day Blaise and Survey Trak Data Management Training programme during January 13-17, 2020 organized by NCAER, National Data Innovation Centre. Trainers: Gina-Qian Cheung and Jonathan Harrison.
- Attended the JPSM Course on Data Collection Methods for fall 2018 conducted by the University of Maryland and also attended weekly sessions.
- Attended a one-week training programme on Blaise from October 29-November 2, 2018 organised by NCAER, National Data Innovation Centre. Trainer: Ralph Joseph Maria Dolmans.
- Participated in a two-week workshop on “*Evaluating the Impact of Development Programs: Turning Promises into Evidence*”, jointly organized by NCAER and the World Bank, held at Hotel Crown Plaza, Okhla, New Delhi during March 11- 22, 2013.
- Participated in the Refresher Course on “*Limited Dependent Variables*”, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, from December 12 to December 16, 2011.
- Participated in the Refresher Course on “*Applied Econometrics and Policy*”, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, from May 23 to May 28, 2011.
- Participated in the Executive Course on “*Poverty and Inequality Analysis*”, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, from March 14 to March 18, 2011.
- Participated in the Refresher Course on “*Applied Econometrics*”, jointly organized by NCAER-IDRC, held at NCAER, New Delhi, from November 23, 2010 to December 3, 2010.
- Participated in the Training Course on “*Social Science Research Methodology*”, organized by Council for Social Development, New Delhi, from 10-23rd December 2008.
- Participated in the workshop on **Scientific Writing for Reproductive Health Programmes** jointly organized by the International Institute for Population Sciences (IIPS), Mumbai, the FRONTIERS Programmes of the Population Council, India, and the World Health Organization (WHO), held at the IIPS, Mumbai, India, on 16-19 May 2006.
- Participated in 1st Summer Training Programme on “*Large Scale Survey Research: Theory and Practice*”, organized by the International Institute for Population Sciences, Mumbai, from June 3 to June 20, 2003.
- Participated in the World AIDS Foundation (WAF) Sponsored Program of Ethnographic Training and Pilot Research on the *Prevention of HIV Infection among Migrant Youths in low-income slums of Mumbai*”, at International Institute for Population Sciences, Mumbai, January 2003 to June 2003.
- Participated in a Symposium on “*Sex Ratio in India*”, organized by International Institute for Population Sciences and Ford foundation in IIPS, Deonar, Mumbai.
- Participated in a Conference on “*Women Empowerment and Population Stabilization*”, organized by the Indian Association for the Study of Population (IASP) and IIPS from February 11 to 13, 2002, in IIPS, Deonar, Mumbai.

Membership in Professional Organizations

- Member of the Population Association of America (PAA).
- Member of the Indian Association for the Study of Population (IASP)
- Member of Indian Association for Social Sciences and Health (IASSH)

Computer Skills

Experience in handling large Scale Survey Data Sets such as India Human Development Survey (IHDS), National Family Health Survey (NFHS), Reproductive and Child Health Survey (RCH), National Sample Survey (NSSO) and Qualitative data through appropriate software packages

Statistical Package : STATA, SPSS, MORTPAK, SPECTRUM.
Qualitative data analysis Package : ATLAS Ti, ANTHROPAK,

Academic Research Experience

Doctoral Research: Department of Migration and Urban Studies, IIPS, Mumbai (research advisor: Prof. Kamla Gupta)

- A field study to analyze the extent of risky behaviour among unmarried migrant working women in Delhi, impacting their sexual and reproductive health.
- Both quantitative and qualitative (Key informant interviews (KIs) and Focus Group Discussions (FGDs)) methods were used for collecting information from scientifically selected unmarried migrant women.
- Various scales and indices were created to measure psychological variables.
- To capture the mental health status of the young migrant female workers, a 58-item standardized mental health scale developed by Raj and Raakhee (1997) was used. To test the consistency of the scale, factor analysis was conducted to clarify scale domains.
- The findings of the study have some important programme implications for young migrants.

M.Phil. Research: Department of Mathematical Demography & Statistics, IIPS, Mumbai (research advisor: Prof. Ladu Singh)

- “Underreporting of Induced Abortions: National and Regional Level Estimates for India”.
- Analyzed NFHS II all India data, looking specifically at women’s file
- Did regional and national level abortion estimates
- This was an important study as very little evidence is available on underreporting of induced abortion. My study provided a ready reference for many other studies on abortion in India.

Last Updated on November 12, 2024

(RUCHI JAIN)