

Debasis Barik, Ph.D.

Fellow,

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Profile:

Debasis Barik is a Senior Fellow, at the NCAER National Data Innovation Centre. He is a Demographer by training with a specialization in economic demography and ageing. He has worked on public health, migration, gender, and intergenerational well-being. However, more than a decade of work at NCAER has diversified his research career, spanning the intersection of demography, economics, and human development. Dr. Barik's current research focuses broadly on the adaptation process of Indian households to the environmental threats.

In recent years, Dr. Barik has focused extensively on design and implementation of large household surveys. As a member of the core team for India Human Development Survey – Wave 3, he has helped design questions that can be administered to nearly 50,000 households nationwide, considering geographic and cultural diversity of India. He has also developed tools for remote monitoring of data and quality control.

Work/Employment:

Sept, 2023 – Present : Senior Fellow, National Council of Applied Economic Research, New Delhi.

April'2018– Aug,2023: Fellow, National Council of Applied Economic Research, New Delhi.

May'2013 – Mar'2018: Associate Fellow, National Council of Applied Economic Research, New Delhi.

June – Nov'2008 : Research Officer, International Institute for Population Sciences, Mumbai.

Feb – July'2007 : Project Assistant, Vidyasagar University, West Bengal.

Nov'2006 – Jan'2007 : Research Investigator, Jadavpur University, West Bengal.

Education:

2014 PhD, Population Studies, International Institute for Population Sciences, Mumbai.

2008 Masters in Population Studies, International Institute for Population Sciences, Mumbai.

2006 M.Sc., Economics, Vidyasagar University, West Bengal.

2004 B.Sc. (Honours), Economics, Jhargram Raj College, Vidyasagar University, West Bengal.

Research Publication(s):

Journal article (s)

- [Rethinking Social Safety Nets in a Changing Society](#) published in The India Policy Forum 2024, Volume 21, edited by Poonam Gupta, Pravin Krisna, and Karthik Muralidharan. (Co-authors: Sonalde Desai, Pallavi Choudhuri, Bijay Chouhan, Om Prakash Sharma, Sharan Sharma and Dinesh Kumar Tiwari).
- [Gone and Forgotten? Constructing Fertility Histories and Sources of Bias](#) published in the journal Demographic Research, Volume 50, Article 32 on May 07, 2024 (Co-authors: Sharan Sharma, Sonalde Desai and Om Prakash Sharma).

- [Gender and Generation: Land Ownership and Older Indians' Autonomy](#) published in Feminist Economics, Volume 30, Issue 1 on October 17, 2023 (Co-authors: Hope Xu Yan and Sonalde Desai).
- [Economic Status and Adult Mortality in India: Is the Relationship Sensitive to Choice of Indicators?](#) published in World Development (Vol.103 pp. 176-187) in March 2018 (Co-authors: Sonalde Desai and Reeve Vanneman).
- [Rising Health Expenditure Due to Non-communicable Diseases in India: An Outlook](#) Published online in the Frontiers in Public Health, (Vol.4, pp. 268) DOI: 10.3389/fpubh.2016.00268 in Health Economics section (2016) (Co-author: Perianayagam Arokiasamy)
- [Evolving health expenditure landscape of the BRICS nations and projections to 2025](#) Published online in Wiley Online Library (wileyonlinelibrary.com). DOI: 10.1002/hec.3406 in Health Economics (2016) (Co-authors: Mihajlo (Michael) Jakovljevic, Elena Potapchik, and Larisa Popovich).
- [Issues of unequal access to public health in India](#) published in the Front. Public Health 3:245. doi: 10.3389/fpubh.2015.00245 on October 27, 2015 (Co-author: Amit Thorat).
- [After the Dividend: Caring for a Greying India](#) published in the Economic and Political Weekly, Vol L, No. 24, June 13, 2015 (Co-authors: Sonalde Desai and Tushar Agrawal).
- [Living Arrangements and Treatment Seeking Behaviour of the Elderly from Different Economic Segments in India](#) published in the Middle East Journal of Age and Ageing, Vol.9, Issue 2, March-April, 2012: pp. 13-18.

Chapter in Report(s)

- “Determinants of Private Healthcare Utilisation and Expenditure Patterns in India” by Debasis Barik and Sonalde Desai published in *India Infrastructure Report 2013|14 – The Road to Universal Health Coverage* of IDFC Foundation, published by Orient Black Swan Private Limited.

Book Chapter(s)

- “After the Dividend: Caring for a Greying India” published in the special volume *Elderly Care in India: Societal and State Responses*, edited by S. Irudaya Rajan and Gayathri Balagopal, published by Springer Nature in February 2017, ISBN 978-981-10-3438-1, DOI 10.1007/978-981-10-3439-8 (Co-authors: Sonalde Desai and Tushar Agrawal).
- “Environmental Performance and its Determinants – A Study of Pulp and Paper Industry in India” by Sebak Kumar Jana and Debasis Barik published in Dr. M.K. Pal and Dr. S.K. Jana edited *Issues of Development in Developing Economies*, Concept Publishing Company, New Delhi. ISBN-13:978-81-8069-840-8.

Working Paper(s)

- [Rethinking Social Safety Nets in a Changing Society](#). NCAER Working Paper No. 171. July 15, 2024 (Co-authors: Sonalde Desai, Pallavi Choudhuri, Bijay Chouhan, Om Prakash Sharma, Dinesh Kumar Tiwari, and Sharan Sharma).

Editorial/Review Editor Roles:

- Edited a special issue [India in Transition: Insights from India Human Development Survey \(2004-12\)](#) for the journal Margin: The Journal of Applied Economic Research from Sage publication; Volume 18, Issue 3-4 19 March, 2025 (Co-editors: Pallavi Choudhuri and Sonalde Desai).
- Routinely review for a number of high-quality international journals at the capacity of Associate Editor or Review Editors.
- Reviewed PhD Thesis in the capacity of External Examiner.

Policy Writings

- [School to Work: A Tale of Missing Females in the Indian Labour Market](#). MEDC Economic Digest, Vol. VII No. 02, May 2025.
- [National interest, financial rewards do little to convince families to have more children](#). The Indian Express, October 25, 2024.
- Curated the [April, 2024](#) issue of the GenderTalk newsletter on [Gender and Ageing](#).
- [The piquant case of a successful maternity benefit scheme](#). The Hindu BusinessLine, March 01, 2024.
- [A remedy for health insurance](#). The Hindu Businessline, February 22, 2023.
- [How India is choking indoors](#). The Hindu BusinessLine, July 15, 2022.
- [With India's demographic transition, come challenges](#). The Indian Express, December 1, 2021.
- [Insured but Not Covered: Rising Insurance Coverage Should be Accompanied by Awareness of Entitlements](#). NDIC Measurement Brief, 2020-02.
- [A Glass Half Full: Changes in Standard of Living since 2012](#). NCAER Data Brief, January, 2020.
- [Smoking Kills - in India too](#). The Hindu, May 4, 2015.
- [Poorly performing public services](#). The Hindu, April 2, 2014.
- [Old and Lonely: Healthcare](#). Macro Track, Volume XV (8), August, 2013.
- [Shift in Morbidity Patterns among Indians](#). Macro Track, Volume XV (7), July, 2013.

Conference /Seminar (s):

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| 2025 | “Non-communicable diseases among socially deprived caste groups in India: Recent evidence on treatment behavior and medical compliance” at the Population Association of America Annual Conference held during 10-13 April, 2025 in Washington, DC. |
| 2024 | “Contextualizing Mortality: Trends in Mortality During the Last Decade in India” at the Population Association of America Annual Conference held during 17-20 April, 2024 in Columbus, Ohio. |
| 2023 | “Life Table of Tobacco users in India: An attempt using IHDS panel data” at the Population Association of America Annual Conference held during 12-15 April, 2023 in New Orleans, Louisiana. |
| 2022 | “Impact of health shock on household well-being: Change in household consumption expenditure during the COVID 19 pandemic” at the Population Association of America Annual Conference held during 6-9 April, 2022 in Atlanta, Georgia. |
| 2021 | “Risk of developing NCDs in later life among the overweight and obese women in India: Insights from a nationally representative longitudinal study”, at the International Population Conference organised by International Union for the Scientific Study of Population (IUSSP), Hyderabad, India, December 9, 2021. |
| 2021 | “Role of government-sponsored health insurance schemes in improving healthcare access and reducing household out-of-pocket payment for inpatient care”, at the International Population Conference organised by International Union for the Scientific Study of Population (IUSSP), Hyderabad, India, December 7, 2021. |
| 2021 | “Risk of Developing NCDs in Later Life among the Overweight and Obese Women in India: Insights from a Nationally Representative Longitudinal Study” Population Association of America Annual Conference held during 5-8 May, 2021 in St. Louis, Missouri. |
| 2020 | “Overweight and obesity and associated health risk among ever married women in India: How does household economic status play out?” in National Conclave on Public Health Nutrition: Enriching the cycle of Research, Public Policy and Practice at National Institute of |

Technology, Rourkela during 30-31 January, 2020

- 2019 "A Glass Half Full: Changes in Indian Standards of Living since 2012" in 21st Annual Neemrana Conference at the Neemrana Fort, Rajasthan, India during December 13-15, 2019.
- 2019 "Community Level Determinants of High Neonatal Mortality in India" Population Association of America Annual Conference held during 10-13 April, 2019 in Austin, Texas.
- 2018 "Effect of Health Shock on Individual Earnings from Wage and Salary among Indian Men", Population Association of America Annual Conference held during 25-28 April, 2018 in Denver, Colorado.
- 2018 "Effect of health Shock on Individual Earnings from Wage and Salary among Indian Men", the 4th Asian Population Association Conference at Shanghai, P.R. China during 11-14 July, 2018.
- 2018 Presented the challenges and opportunities of collecting Migration data from IHDS panel households in the International Union for Scientific Study of Population (IUSSP) organised special session on "Innovations in Longitudinal and Cross-national Surveys" at the 4th APA Conference at Shanghai on 13th July, 2018.
- 2017 "Measurement Errors in Fertility History and Their Implication for Fertility and Mortality Estimates" Annual Meeting of Population Association of America, held during April 27-29, 2017, Chicago.
- 2017 "Economic Status and Adult Mortality in India: Is the Relationship Sensitive to Choice of Indicators?" The XXVIII IUSSP International Population Conference, Cape Town, South Africa.
- 2016 "Adult Mortality in India: The Health-Wealth Nexus" Annual Meeting of Population Association of America, March 31 – April 2, 2016, Washington, DC.
- 2015 "Adult Mortality in India: The Health-Wealth Nexus". ISI Delhi Annual Conference 17-19 December, 2015.
- 2014 Participated in a meeting organized by IKP Trust on "New Resources for Financing Universal Healthcare: exploring social health insurance" at Hotel Claridges, New Delhi on 15th November, 2014.
- 2014 "Economic Burden of Non-Communicable Diseases in India". Annual Meeting of Population Association of America, Boston, U.S.A.
- 2014 "Why Do Indian People Avoid Government Doctors?" Annual Meeting of Population Association of America, Boston, U.S.A.
- 2013 "Living Arrangements in Health Care seeking among Elderly in India: Some New Insights". International Union for the Scientific Study of Population, Busan, South Korea.
- 2012 "Longevity and Shift in Morbidity Pattern among States in India". International Institute for Population Sciences and Indian Statistical Institute, Kolkata, at Kolkata, India.
- 2011 "Sex differentials in treatment seeking for long term diseases among elderly Indian". Indian Association of Social Science and Health, Tata Institute for Social Sciences, Mumbai, India.
- 2010 "From Infectious to chronic Diseases" – Projected incidence and prevalence of chronic disease among elderly Indians. The 1st International Asian Population Association Conference, Vigyan Bhawan, New Delhi, India.
- 2009 "Role of Education in Explaining Women Work Participation in Two Economically contrasting Indian States". The XXVI IUSSP Population Conference, Marrakech, Morocco.
- 2008 "Gender Discrimination in Child Immunization in Rural India: A Multilevel Analysis". The 30th Annual Indian Association for the Studies of Population Conference, Institute of Social and Economic Change, Bangalore, India.
- 2007 "Globalization, Development and Displacement: A Study of Livelihood Pattern with reference to Two Laterite Soil drought prone villages of Paschim Medinipur District". The National

Seminar on *Globalization, Development and Displacement*, Vidyasagar University, Midnapore, west Bengal, India.

Teaching/Outreach Activities:

- Delivered lecture in the workshop titled online "Research Methodology Workshop focusing on Large Scale Data Analysis" organized by the G B Pant Social Science Institute (A Constituent Institute of the University of Allahabad), Prayagraj during Jan 03-08, 2023.
- Participated in a panel discussion in the EJCON' 22-23 x Ka-Ching annual event, organized under Sarla Anil Modi School of Economics (SAMSOE), Narsee Monjee Institute of Management Studies, Mumbai on January 23, 2023.
- Participated as a resource person in the Regional Training Programme on 'Using NTA Evidence for Population and Development Policy Advancement in Asia-Pacific' organized by UNFPA APRO in Bangkok during 9-14 October, 2022.
- Delivered lectures on "Handling of IHDS data & Doing a Panel" and "Analyzing Economic Mobility, Health & Education" in the workshop on "Large Scale Survey Data Analysis" hosted at Department of Economics, Banaras Hindu University from 22-29th November, 2022.
- Participated in the National Health Accounts Expert Group Meeting at Nirman Bhawan, New Delhi to discuss the NHA Estimates for FY 2019- 20.
- Delivered an invited talk on "Overweight and obesity and associated health risk among ever married women in India: How does household economic status play out?" in National Conclave on Public Health Nutrition: Enriching the cycle of Research, Public Policy and Practice at National Institute of Technology, Rourkela during 30-31 January, 2020.
- Delivered hands on training on 'Extraction of NSS unit level data and their use in research' to the researchers of the George Institute of Public Health, India on September 11, 2018.
- Presented the challenges and opportunities of collecting Migration data from IHDS panel households in the International Union for Scientific Study of Population (IUSSP) organized special session on "Innovations in Longitudinal and Cross-national Surveys" at the 4th APA Conference at Shanghai on 13th July, 2018.
- Delivered lecture on 'Economic Status and Adult Mortality in India' at O. P. Jindal Global University, Sonapat, Haryana on 19th October, 2016.
- Taught Advanced Health Care Analysis tools at the workshop on Sustainable Development of Quality Improvement Program at Indian Institute of Technology, Kanpur on 4th December, 2015.
- Taught Gender Studies in Population Sciences and Research Methodology to the M.A./M.Sc. final year students at International Institute for Population Sciences, Mumbai in 2012.

Specialized Training/Workshop:

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| 2020 | Successfully completed the course Questionnaire Design, jointly organized by the International Program in Survey and Data Science, University of Mannheim and Joint Program in Survey Methodology, University of Maryland. |
| 2018 | Successfully completed the course Data Collection Methods (SUV623), offered through Joint Program on Survey Methodology. This program was designed by survey methodology experts from University of Maryland and University of Michigan. |
| 2017 | Successfully completed the NIH Web-based training course on Protecting Human Research Participants. Researchers, applying for an NIH grant, are required to qualify this course. |

- 2015 Training Workshop on National Health Accounts in India organized by National Health Systems Resource Centre (NHSRC), National Institute of Health and Family Welfare (NIHFW), and the World Bank at NIHFW, New Delhi.
- 2012 “Introduction to ArcGIS Desktop” organized by esri India at IIPS, Mumbai.
- 2012 “Lecture Series and Workshop in Population Dynamics – I (LSWPD)” organized by IIPS at IIPS, Mumbai.
- 2011 “Population Economics Summer School” organized by MaxPlanck Institute for Demographic Research in Rostock, Germany.
- 2010 Pretesting of CAPI for the Longitudinal Ageing Study in India (LASI) survey instrument At IIPS, Mumbai, India.
- 2010 “Economic and Financial Aspects of Population Ageing”, jointly organized by International Institute of Ageing, Malta and UNFPA at Malta.
- 2009 “Family planning and Reproductive Health”, jointly organized by IIPS and Bill and Melinda Gates Institute for Population and Reproductive Health, John Hopkins Bloomberg School of Public Health, USA at IIPS, Mumbai, India.

Awards/Fellowships:

Travel Award, Population Association of America International Travel Award, March 31 – April 2, 2016, Washington, DC.

Qualified UGC-NET examination for lectureship in Population Studies, 2008.

Government of India Fellowship for pursuing MPS at IIPS, during 2007-2008.

GOI-NET fellowship for pursuing Ph.D. in Population studies at IIPS, during 2008-2013.

Best Poster Award, National Seminar on Demographic Transition and Inclusive Development, organized by IIPS in collaboration with ISI, Kolkata during 15-17 March, 2012.

Visiting Scholar, Max Planck Institute for Demographic Research (MPIDR) fellowship to participate in the “Population Economics Summer School”.

Visiting Scholar, International Institute of Ageing, Malta to participate in the training programme on “Economics and Financial Aspects of Ageing”.

Professional Memberships:

- Member of the National Health Accounts (NHA) Expert Group Committee.
- Regular member of the International Union for the Scientific Study of Population (IUSSP).
- Annual member of the Population Association of America (PAA).
- Life member of the Indian Association for the Study of Population (IASP).
- Life Member of the Indian Association for the Social Science and Health (IASSH).

Last update on August 26, 2025

(DEBASIS BARIK)