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Profile:

I am, currently, working as a Fellow at National Council of Applied Economic Research, New Delhi and have been working with the National Data Innovation Centre (NDIC) at NCAER. At NDIC, I am leading an experiment on “Improving the Estimates of Out-of-pocket Health Expenditure”. I was part of the India Human Development Survey (IHDS) Wave II Project Team and also is continuing my association in Wave III of the project. My research evolves around issues related to public health, demography, migration, gender, labour and social security. I hold a PhD in Demography from International Institute for Population Sciences, Mumbai. My Ph.D. dissertation focused on health and economic implications of ageing process in India. I have been handling large scale survey data sets like the National Family Health Survey, National Sample Survey, etc. for long and also proficient in analyzing longitudinal dataset like the IHDS. I am an active member of various national and international organizations, working in areas of demography and social sciences. I have been working as a member of the Expert Group formed by National Health System Resource Centre to institutionalize National Health Accounts estimates since 2017. I am also serving as Associate Editor and Review Editor in some reputed international journals.

Work/Employment:

April 2018 – Present: Fellow, National Council of Applied Economic Research, New Delhi.

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

June 2008 - November 2008: Research Officer in the project entitled “Cost Analysis of Reproductive and Child Health Services, Including Family Planning, Immunization and MTP: An Explanatory Study of Two Districts in Maharashtra” at International Institute for Population Sciences (IIPS), Mumbai.

February 2007 – July 2007: Project Assistant in the West Bengal state Land Use Board sponsored project entitled “Improvement of Cropping Pattern, Land Use and Alternative Livelihood Option in Western Laterite Zone” at Vidyasagar University, West Bengal.

November 2006 – January 2007: Research Investigator in the project entitled “Energy efficiency of the cement, pulp and paper industries in India, a project under the Global Change Program at Jadavpur University, West Bengal.

Education:

- PhD in Population Studies from International Institute for Population Sciences, Mumbai on “Health and economics of Population Ageing in India: An Analysis of trends and prospects”, May 2014.
- Masters in Population Studies from International Institute for Population Sciences (IIPS), Mumbai, 2008.
- M.Sc. in Economics, Vidyasagar University, Midnapore, West Bengal, 2006
- B.Sc. (Honours) in Economics, Jhargram Raj College, Vidyasagar University, West Bengal, 2004.
- UGC-NET for lectureship in Population Studies, 2008.

Research Publication(s):

Journal article (s)

- “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.

Publications in Newspaper Article/Magazines/Blogs

- “A Glass Half Full: Changes in Standard of Living since 2012” India Human Development Survey Data Brief, January, 2020.
- “Smoking Kills - in India too” Opinion article published in The Hindu on May 4, 2015.
- “Poorly performing public services”, Opinion Article in The Hindu on 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):

- 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:

- 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.
- Delivered lecture on ‘Economic Status and Adult Mortality in India’ at O. P. Jindal Global University, Sonipat, 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:

- 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 a 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:

- Received Population Association of America International Travel Award 2016 to participate in the PAA 2016 Annual Conference, held during March 31 – April 2, 2016, Washington, DC.
- Received Government of India Fellowship for pursuing MPS at IIPS, during 2007-2008.
- Received GOI-NET fellowship for pursuing Ph.D. in Population studies at IIPS, since Dec, 2008.
- Received the Best Poster Award in National Seminar on Demographic Transition and Inclusive Development, organized by IIPS in collaboration with ISI, Kolkata during 15-17 March, 2012.
- Received Max Planck Institute for Demographic Research (MPIDR) fellowship to participate in the “Population Economics Summer School”.

- Received grant from 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 International Union for the Scientific Study of Population (IUSSP).
- Annual member of Population Association of America (PAA).
- Life Member of the Indian Association for the Social Science and Health (IASSH).

Country Visited:

Malta and Germany, South Korea, Boston, Washington DC, San Diego, Denver, Austin (United States of America), Cape Town (South Africa), Shanghai (China).

Last update on 13th May, 2021

(DEBASIS BARIK)