

Jayanta Kumar Bora

PERSONAL DATA

Current Address: Demography Group, Vienna University of Economics and Business (WU)
Gebäude D5, Welthandelsplatz 2 / Level 3, 1020 Vienna, Austria

Cell: +4366565192725

Phone: +43 13 1336 5448

Email: Jayanta.Kumar.Bora@wu.ac.at, jkbnwg@gmail.com

CURRENT AFFILIATION

Current
Aug 2017- | Guest Researcher, *Demography group*
Vienna University of Economics and Business (WU)
Working topics: Child health in India

Current
Aug 2016- | PhD Scholar, *Indian Institute of Dalit Studies (IIDS); ICSSR Institute*
New Delhi, India
Main topics: Child Morbidity and Mortality in India: Determinants of Intergroup
Inequalities and Regional Disparities

EDUCATION

Current | Pursuing PhD in Social Science at Indian Institute of Dalit Studies (IIDS); ICSSR
2016- | Institute, New Delhi

2009 | Master in Population Studies (MPS), International Institute for Population Sciences (IIPS), Mumbai;
secured 6 out of 10 points

2004 | Postgraduate Diploma in Computer Application (PGDCA) from CDAC, Assam; secured A+ Grade

2002 | M.Sc. in Statistics, Gauhati University, Assam; secured 1st class

2000 | B.Sc. in Statistics, Physics and Mathematics Gauhati University, Assam; secured 1st class

PROFESSIONAL WORK EXPERIENCE

May 2017 | Project Officer (Monitoring & Evaluation) at Public Health Foundation of India (PHFI), Gurgaon
Aug 2015- | *Working Area: HIV-AIDS with support of NACO and USAID*

Oct 2014 | Operation Manager at Aon Hewitt, Consulting professional, Gurgaon, India
Aug 2012- | *Working Area: Risk management and capacity building modelling*

July 2012 | Senior Consultant-Advanced Analytics at Majestic MRSS Research, Mumbai & Delhi
Nov 2010- | *Working Area: Public health projects, Decision modelling, Survey programming, Big data*

Oct 2010 | Consultant-Advanced Analytics at TNS Research International, Mumbai
Jan 2009- | *Working Area: Public health projects, Decision modelling, advanced statistical modelling, Big data*

Dec 2008 | Senior Research Officer at International Institute for Population Sciences (IIPS), Mumbai
Feb 2007- | *Working Area: District Level Household Survey-3 under Reproductive and Child Health (RCH) with Ministry of Health*
and Family Welfare, Govt. of India and WHO-SAGE India wave 1 project

Dec 2006 | Research Investigator at Institute of Advanced study in Science & Technology (IASST), Guwahati
Jan 2005- | *Working Area: Database of Research Development Institutions by Broad Research Areas in the North Eastern Region*
Supported by the DST, Govt. of India

Dec 2004 | Research Assistant at Population Research Center (PRC), Gauhati University
Feb 2003- | Working Area: Public health projects, WHO-WHS and DLHS-2 under RCH project

RESEARCH SKILLS

Demographic Methods: Cohort-component, population projection, mortality analysis, survey design & survey analysis, spatial analysis

Data Analysis: Experienced with large scale surveys (DLHS, DHS, Census, IHDS, NSSO, SAGE.....)

Statistical Modelling: Regression analysis (OLS, Logit, Probit), decomposition analysis, Survival Analysis, multi-level analysis, multinomial logistic regression, driver analysis, path modelling, biplot, cluster analysis, discrete choice modelling

COMPUTER SKILLS

Expert Knowledge: STATA, SPSS, Tableau, XLstate, MORTPAK, ArcGIS, MS office (MS Excel, Word, Power Point), Survey programming, END NOTE, Zotero

Intermediate Knowledge: R, SAS

PUBLICATIONS

Journal Articles

- [1] Guilmoto C, Saikia N, Tamrakar V and **Bora JK** (2018). Excess female under-five deaths in India: estimates, regional distribution and socioeconomic correlates. Accepted in *The Lancet Global Health* (forthcoming).
- [2] **Bora JK**, Raushan R, Lutz W (2018). Contribution of educational disparity in Infant and under five-mortality gap among social groups in India. Working paper series 3/2018, Vienna Institute of Demography, Vienna, Austria. Available at: [https://www.oeaw.ac.at/fileadmin/subsites/Institute/VID/PDF/Publications / Working_Papers/WP2018_03.pdf](https://www.oeaw.ac.at/fileadmin/subsites/Institute/VID/PDF/Publications/Working_Papers/WP2018_03.pdf)
- [3] Saikia N, **Bora JK**, Jasilionis D, Shkolnikov VM (2016) Disability Divides in India Evidence from the 2011 Census. *PLoS ONE*11(8):e0159809. doi:10.1371/ journal. pone.0159809.
- [4] Saikia N, Sehgal S, **Bora JK** and Diamondsmith (2016). Experiences of neonatal deaths among the urban poor in Metropolitan Delhi: poor commination, poor quality, and an overwhelmed system. *Journal of Social Inclusion Studies*, IIDS, New Delhi.
- [5] Saikia N, Saha A, **Bora JK** and Joe W (2016). Trends in immigration from Bangladesh to Assam, 1951-2001 Evidence from direct and indirect demographic estimation. *International Migration and Diaspora Studies (IMDS) Working paper series*, Working paper no 91. ISSN 0976-271X published by IMDS project, Zakir Husain Centre for Educational Studies, JNU, New Delhi.
- [6] Saikia N, Moradhvaj, **Bora JK** (2016) Gender Difference in Health-Care Expenditure Evidence from India Human Development Survey. *PLoS ONE*11(7): e0158332. doi: 10.1371/journal. pone.0158332.
- [7] Saikia N and **Bora JK** (2016). Does increasing longevity lead increasing disability? Evidence from the Indian States. *Social Change and Development* Vol XIII. Publisher: OKD Institute of Social Change and Development, Guwahati.
- [8] **Bora JK**, Saikia N (2015). Gender Differentials in Self-Rated Health and Self-Reported Disability among Adults in India. *PLoS ONE* 10(11): e0141953. doi:10.1371 /journal.pone.0141953, Publisher: Public Library of Science.

- [9] Saikia N, **Bora JK**, Ram F (2013). Who Gets Education in Uttarakhand? In *Population, Health and Development: Perspectives on Uttarakhand*, Eds.T.V. Sekher, A.Singh and S. Parasuraman, Academic Foundation, New Delhi.

Report Writing

- [1] Research Assistantship provided in *District Level Household and Facility Survey (DLHS-3), 2007-08 India report, 2010* by International Institute for Population Sciences, Mumbai.
- [2] Research Assistantship provided in *WHO Study on global AGEing and adult health (SAGE), Wave 1 India report, 2013* by International Institute for Population Sciences, Mumbai.
- [3] Developed Monitoring Evaluation and Learning (MEL) framework for the PHFI-USAID funder PIPPSE project
- [4] Developed Monitoring & Evaluation Database Management tool operational guideline for NACO
- [5] Research Assistantship in development of PIPPSE Project annual report writing for USAID

Journal Article Under Review

- [1] Saikia N, Saha A, **Bora JK** and Joe W. (2018). Trends in immigration from Bangladesh to Assam, 1951-2001 Evidence from direct and indirect demographic estimation.
- [2] **Bora JK**, Acharya S, Saikia N (2018). Under-five mortality in Indian districts: A comparative study between deprived and non-deprived castes in India.
- [3] Saikia N, **Bora JK**, Luy M (2018). Socio-economic disparity in Adult Mortality in India: An Application of Orphanhood Method in India Human Development Survey.
- [4] **Bora JK** and Saikia N (2018). Neonatal and under-five mortality rate in Indian districts with reference to Sustainable Development Goal 3: An analysis of the National Family Health Survey of India (NFHS), 2015-2016.
- [5] **Bora JK**, Raushan R, Lutz W (2018). Does education contribute to Infant and under five mortality disparities among caste groups in India: evidence from nationally representative surveys
- [6] **Bora JK**, Raushan R, Acharya S (2018). Regional and sex disparities of infant health in India: An evidence from the National Family Health Survey 2015-16

CONFERENCE

- Presented oral presentation on “ Under-five mortality in Indian districts: A comparative study between deprived and non-deprived castes in India” in 9th Demographic Conference of “Young Demographers” held at *Charles University in Prague*, 15th-16th February 2018
- Selected paper for oral presentation on "Role of maternal education on infant and under-five mortality among SC, ST population in India: A study from national representative sample in the session on "Mortality, Gender and Empowerment of Women" at the *European Population Conference (EPC 2018)* to be held in *Brussels, Belgium*, 6-9 June 2018
- Selected paper for oral presentation in 4th *Asian Population Conference (APA 2018)* on “Infant mortality in Indian districts: Does the presence of SC & ST people matter? to be held at *Shanghai, China*, 11-14 July 2018

- Selected paper for poster presentation on “Contribution of educational disparity in Infant and under five mortality gap among social groups in India” in *International Conference on Social Identity and Health-4* to be held at the *University of Lausanne in Switzerland, 12 -14 July 2018*
- Presented paper for poster presentation on "Differences in Adult Mortality by education, caste and religion in India: Application of modified Orphan hood Method in India Human Development Survey" at the XXVIII IUSSP International Population Conference held 29 October-4 November 2017 in Cape Town, South Africa
- Presented paper for oral presentation on "Geographical differentials and determinants of excess female under-five deaths in Indian Districts: Evidence from the Census 2011 "in the session on "Spatial patterns and determinants of child health" at the XXVIII IUSSP International Population Conference held 29 October-4 November 2017 in Cape Town, South Africa
- Presented paper on “Disability Divides in India: Evidence from 2011 Census” in the annual meeting of Population Association of America(PAA), Chicago, USA, 27th April to 29th April 2017
- Presented poster paper on “Trends in Immigration from Bangladesh to Assam, 1951-2001 Evidence from Direct and Indirect Demographic Estimation” in the annual meeting of Population Association of America (PAA), Chicago, USA, 27th April to 29th April 2017
- Presented oral presentation on “District level determinants of Infant mortality in India: Does the presence of marginalized people matter? For International IUSSP Seminar on Mortality Analysis and Forecasting held at JNU New Delhi, India 6-8 April 2017
- Selected paper on “Association of Vulnerability and Behavioural Outcomes of FSWs Linked with TI Prevention HIV Program: An Evidence from Cross-Sectional Behavioural Study in Thane District of Maharashtra” for oral presentation in ICHA 2017: 18th International Conference on HIV and AIDS, London, United Kingdom, May 25-26, 2017
- Selected paper on “Factors Associated with Condom Breakage among Female Sex Workers: Evidence from Behavioral Tracking Survey in Thane District of Maharashtra, India” for oral presentation in ICHA 2017: 18th International Conference on HIV and AIDS, London, United Kingdom, May 25-26, 2017
- Selected paper on “Does Exposure to services have impact on safe sexual behavior? An analysis of baseline survey data among currently married women in two districts of India” for oral presentation in 4th International Conference on HIV/AIDS, STDs and STIs ,Orlando, Florida, USA, October 03-05, 2016
- Presented oral presentation on “Gender Differentials in Self-Rated Health and Self-Reported Disability among Adults in India” for the PAA 2016 annual meeting, Washington, D.C. during 31st March - 2nd April, 2016
- Presented poster paper on “Geographical patterning of excess female infant and child deaths in Indian Districts: Evidence from the Census 2011” for the PAA 2016 annual meeting, Washington, D.C. during 31st March - 2nd April, 2016
- Presented poster paper on “Disability divide in India: evidence from the Census 2011” in the 6th Annual PHFI Research Symposium, March 16-18, 2016, New Delhi India.

- Presented poster paper on “Effect of comprehensive knowledge on HIV/AIDS and STI on HIV testing and condom use among currently married women in two Indian districts” as a POSTER presentation in ICAAP12 (12th International Congress on AIDS in Asia and the Pacific), Dhaka, Bangladesh during 20-23 November 2015.
- Selected paper on “Geographical variations in gender difference in healthy life expectancy among older population in India”, as a POSTER presentation in The 3rd Asian Population Association Conference, Kuala Lumpur during 27-30 July 2015
- Presented paper on “Does increasing longevity lead increasing disability? Evidence from Indian States” in Indian Health Economics and Policy Association’s (IHEPA) 4th Conference, Jaipur during 13-14 Feb 2015

SHORT TRAINING/WORKSHOP

- Attended and participated in sub national population projection discussion followed by R discussion during 13th & 16th Oct 2017 held at VID/WC ,Vienna
- Attended talk on- Modeling, Estimating, and Forecasting Population Dynamics: Perspectives and Future Challenges on 20th Dec 2017 held at VID/WC, Vienna
- Attended as a resource person for the training on NACO approved M&E Tool kit organized by FHI 360 at Vijayawada, Andhra Pradesh during 3-4th May 2017
- Attended R training on Human mortality data at JNU as a part of IUSSP workshop on 8th April 2017
- Attended short course on *Air pollution, Climate & Health: Methods & Modelling* conducted by PHFI in collaboration with Harvard T.H. Chan School of Public Health during 2nd-7th January, 2017 at PHFI Gurgaon, India
- Attended methodological discussion on project proposal at JNU on the topic “Methodological discussion on the project proposal topic Caste and Religion based discrimination in India’s Business Economy: A Study of UP and Bihar” held on 20th October 2016, JNU, New Delhi, India
- Participated Skill Building Workshop on Documentation and Monitoring & Evaluation for Technical Support Units in PIPPSE supported States during July 20-24, 2015, New Delhi, India
- Participated in the “Census Data Dissemination Workshop” organized by the Centre for Study of Regional Development, School of Social Sciences, Jawaharlal Nehru University and the Office of the Registrar General and Census Commissioner, India, held on 23rd January, 2015 at Jawaharlal Nehru University, New Delhi, India
- Participated Research Methodology Workshop on “Measuring Discrimination and Social Exclusion” conducted by Indian Institute of Dalit Studies (IIDS) during 24 -26th September, 2014 at Jawaharlal Nehru University, New Delhi, India
- Participated SAS Predictive Modeling Training course from SAS Institute (India) Pvt. Ltd, Mumbai During 12-18th October 2010, Mumbai, India