

Curriculum Vitae

Chander Shekhar, PhD

Professor

Department of Fertility Studies,

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Areas of Research Interest:

Fertility, Family Planning, Abortion, Maternal and Child Health, Survival Analysis, DHS data Analysis, Population Projection, Aging, Population Policies and Programmes, Potential Unmet Need in Reproductive & Child Health, Operation Research in RCH, Sex Ratio

Previous Work Experience:

1. Assistant Professor, Department of Population Policies and Programmes, International Institute for Population Sciences, Mumbai, India. **Duration: Nov 23, 2000 to Jan 23, 2008**
2. Associate Professor, Department of Mathematical Demography and Statistics, International Institute for Population Sciences, Mumbai, India. **Duration: Jan 24, 2008 to Dec 17, 2013**

Large-Scale Sample Survey Experience:

Principal/Co-Principal Investigators:

- A National Assessment of the Incidence of Unwanted Pregnancy and Induced Abortion in India 2014-17
- Demographic and Health Survey (2015-16), India (NFHS-4)
- District Level Household and Health Facility Survey (2011-12)*
- District Level Household and Health Facility Survey (2007-08)*
*under the Reproductive and Child Health (RCH) Programme" funded by Ministry of Health and Family Welfare (MoHFW), Government of India.

Academic Qualification:

M.Sc., PGDCA, MPS, Ph.D.

- Doctor of Philosophy (Ph.D. in Population Studies)-on Topic "Understanding Reproductive Changes and Proximate Determinants in India", International Institute for Population Sciences (IIPS), Mumbai, India.
- Masters of Population Studies (MPS) with 'A' Grade, International Institute for Population Sciences (IIPS), Mumbai, India
- Masters in Statistics (Statistics) with First Division and Obtained Third Rank, Department of Statistics and Operation Research, Aligarh Muslim University, Aligarh, India
- Post B.Sc. Diploma in Computer Science and Applications, with First Division, Department of Computer Sciences, Aligarh Muslim University, Aligarh, India
- B.Sc. (Hons.) in Statistics, with First Division, Statistics, Department of Statistics and Operation Research, Aligarh Muslim University, Aligarh, India

Peer Reviewed Journals-(International and national):

39

- 2017 N. Kumar, M. Dutta and Chander Shekhar. Post Abortion Contraceptive Behaviour among India Women, *Int. J. Reprod Contracept Obstet Gynecol.* 2017 May; May 2017 · Vol 5(6):2021-25. DOI: <http://dx.doi.org/10.18203/2320-1770.ijrcog20171969>
- 2016 Ian Anderson *et al.* Indigenous and Tribal Peoples' Health (The Lancet-Lowitja Institute Global Collaboration): A Population Study, *Lancet*, April 20 2016, <http://dx.doi.org/10-1016/s0140->

- 2016 Jeetendra Yadav and **Chander Shekhar**. Exploring Potential Linkages between Migration, Lifestyle and Mental Health: A Study of Delhi Slum Migrants, *Demography India*, Vol. 43, No. 1 & 2, pp 131-145.
- 2016 H. Lhungdim, B. Pawan, **Chander Shekhar**, D. W. Bansod, Manoj Alagarajan, and Blake Zachary. Substantial Increase in Access to an Improved Household Environment in 17 Indian States/UTs Surveyed in Phase 1, NFHS-4 (2015-16), *Demography India*, Vol. 43, No. 1 & 2, pp. 9-16.
- 2016 B. Pawan, Dhananjay W. Bansod, SK Singh, **Chander Shekhar**, A. Singh, S Pedgaonkar, and F. Arnold. Maternal Health in India: Evidence from First Phase States/UTs of NFHS-4, *Demography India*, Vol. 43 No. 1 & 2. pp. 17-29.
- 2016 **Chander Shekhar**, M.R Pradhan, B. Paswan, H Lhungdim, M. Alagarajan, F. Arnold. Level of Total Fertility Rate, Contraceptive Use and Unmet Need: An Assessment from States/UTs in Phase I, NFHS-4 (2015-16), *Demography India*, Vol. 43 No. No. 1 & 2 (2014), pp 53-61.
- 2016 F. Ram, B. Paswan, SK Singh, H Lhungdim, **Chander Shekhar**, Abhishek Singh, Dhananjay W Bansod, Manoj Alagarajan, LK Dwivedi, S Pedglaonkar, M.R Pradhan, F. Arnold, and Blake Zachary. *Demographic and Health Trends in India (2005/06-2015-16) Results from Phase 1 of NFHS-4. Economic & Political Weekly*, APRIL 2 Vol. LI No 14.
- 2016 R. Mishra, **Chander Shekhar** and Jitendra Gouda. Abuse Against Elderly Windows in India and Selected States: An Exploration from BKPAI Survey. *Indian Journal of Gerontology*, Vol. 30, No.2, pp 169-184.
- 2016 Brajesh, Mukesh Rajan, Nagdeve DA, **Chander Shekhar**. Determinants and Differentials of Postpartum Amenorrhea Associated with Breastfeeding among Women in Bihar, India, *Int. J. Reprod. Contracept Obstet Gynecol.* Jan: 5(1):154-165.
- 2016 Bhandarkar, P., Patil Priti, **Shekhar Chander**, Kamat Nandan. Prevalence of Osteoarthritis Knee: Four Year Study based on Digital Records of Comprehensive Healthcare Setup at Mumbai-India, *Int. J. of Community Med Public Health*, 2016 May:3(5):1049-1053.
- 2015 Jitendra Gauda and **Chander Shekhar**. Obesity and Productive Health Outcomes among Women in India, *Social Science Spectrum*, Vol 1, No.3, September 2015, pp 206-220.
- 2015 Mili Dutta, **Chander Shekhar**, and Lokender Prashad. Level, Trend and Correlates of Mistimes and Unwanted Pregnancies among Currently Pregnant Ever Married Women in India, *PLoS ONE* 10(12): DOI:10.1371/Journal.pone.0144400.
- 2015 Asabe Inbrahim, Sushama Tripathi, Alok Kumar and **Chander Shekhar**. Examining Three Domain of Women's Empowerment in Two Culturally Diverse Populations, IOSR, *Journal of Humanities and Social Sciences*, Vol. 20 (7), pp 110-123.
- 2015 Asabe Ibrahim, Sushma Tripathi, Alok Kumar, **Chander Shekhar**. The Influences of Women's Empowerment on Reproductive Health Outcomes: A comparative Study in Nigeria and Uttar Pradesh States (India), *Journal of Medical Science and Clinical Research*, Vol 30 (03). Pp 4742-4760.
- 2015 Sanjit Sarkar and **Chander Shekhar**. Childhood Illness and Association with Household Food Security: Evidence from Cross-sectional Study, *IER Journal of Health and Demography*, Vol 1. (1), pp 1-10.
- 2015 Ramu Rawat, Jitendra Gouda and **Chander Shekhar**. Smokeless Tobacco Use among Adult Males in India and selected States: Assessment of Education and Occupation Linkages, *Journal of Human Behavior in the Social Environment*, Vol. 26 (2), pp236-246.
- 2014 F. Ram, **Chander Shekhar** and Biswabandita Chowdhury. Use of Traditional Contraceptive Methods in India and Its Socio-demographic Determinants, *Indian Journal of Medical Research*, 140, November

(Suppl.) 2014, pp 137-148.

- 2014 Kumar, A., **Chander Shekhar**, Josi N., R Sehgal, A. Kriplani. Neo-Natal Mortality in Uttar Pradesh: Socioeconomic and Health Care Determinants. *International Journal of Humanities & Social Studies*, Vol. 2 (9), pp 188-195.
- 2013 Das, K.C., **Chander Shekhar** and Nguyen Thi Ngoc Lan. Proximate Determinants and Their Influence on Fertility Reduction in Vietnam, *Asia-Pacific Population Journal*, Vol. 28, No.2, pp 5-26.
- 2013 **Shekhar, Chander** and Diwakar Yadav. Childhood Immunization: Coverage and Drop-out in Uttar Pradesh, *Regional Health Forum, WHO SEARO*, New Delhi. (Accepted for the next issues).
- 2012 Sarkar, S., **Chander Shekhar** and K. Mondal. Living Arrangement and Health Well Being among Elderly Women in India, *Middle East Journal of Age and Ageing*, Vol.9, No.5, pp: 29-36.
- 2011 Arokiasamy P., **Chander Shekhar**, K. Srinivasan, Srinivas Goli. Family Welfare Programme in India: Expenditure Vs Performance, *Economic Political Weekly*, Vol. XLVI No 43, pp: 127-134.
- 2010 **Shekhar, Chander** and B. Paswan. Awareness and Utilization of Different Old Age Welfare Schemes among Rural Elderly: A District Case Study of Uttar Pradesh, in "Ageing and Some Emerging Issues: Profile, Trends and Policy Perspectives" by Yadav, K.N.S. and Kumar A. (eds.), Manak Publications Pvt. Ltd. New Delhi, pp: 432-450.
- 2010 **Shekhar, Chander**, T. V. Sekher and Alina Sulaimanova. Role of Induced Abortion in Attaining Reproductive Goals in Kyrgyzstan: A Study Based on KRDHS-1997, *Journal of Biosocial Science*, Vol. 42, No.4, pp 477-492.
- 2009 Srinivasan,K., P. Arokiasamy and **Chander Shekhar**. Extent of Wastage of Condoms in Public Supply and Distribution: An Empirical Study, *Demography India*, Vol. 38, No.1, pp: 1-16.
- 2009 **Shekhar, Chander** and Preeti. Active Life and Transition in Self-rated Health Status among Mexican Elderly, *Demography India*, Vol. 38, No.1, pp: 67-84.
- 2008 **Shekhar, Chander** Married Adolescents in Madhya Pradesh: Issues and Suggestions, *Journal of Family Welfare*, Vol.54, No 2, pp: 15-24
- 2008 Thukral, Mohit and **Chander Shekhar**. Role of Aganwadi Centers in Improving the Status of Full Immunization in Madhya Pradesh, *Indian Journal of Preventive and Social Medicine*, Vol. 39 No 1-2, pp: 91-95.
- 2007 **Shekhar, Chander** Ward-wise Population Projection of Greater Mumbai: A Different Methodological Approach. *Janasamkhya*. Vol XXIV & XXV, 2006-07, pp 59-72.
- 2007 Srinivasan, K., **Chander Shekhar**, P. Arokiasamy. Reviewing Reproductive and Child Health Programmes in India, *Economic and Political Weekly*, Vol. XLII (27-28), pp: 2931-39.
- 2006 **Shekhar, Chander** and F. Ram. Timing to Initiate Contraceptive Use and Its Overlap with Postpartum Insusceptibility, *Demography India*, Vol. 35, No. 1, pp: 111-128.
- 2006 **Shekhar, Chander**, L.K. Dwivedi and F. Ram. Fertility Goals and Regulation in North-eastern States of India: An Application of Supply-Demand Framework, *Journal of Empirical Research in Social Sciences (JERSS)*, Vol. 1 No. 2, pp:12-33.
- 2006 Chakraborty, S. and **Chander Shekhar**. Adjustment in the Total Fertility Rate in the Context of India, *The Journal of Family Welfare*, Vol. 52, No. 1, pp:7-17.
- 2005 Chakraborty Sandip and **Chander Shekhar**. Childbearing Behaviour in India, *Indian Journal of Population Education*, No 30, pp 3-11.

- 2004 Sayeed U., **Chander Shekhar** and T.K. Roy. Husband-Wife Agreement on Fertility Goals: A Study of Three Selected Districts from Bihar and Uttar Pradesh, in *Population, Health and Development in India: Changing Perspectives* by Roy et al.(eds.), Rawat Publications, Jaipur, pp:157-178.
- 2003 **Shekhar, Chander** and F. Ram. Declining Juvenile Sex Ration in India: Theoretical Investigations, *Turkish Journal of Population Studies*, Vol. 25, pp. 97-109.
- 2003 **Shekhar, Chander** and F. Ram. Adjustment of Tempo and Quantum Effects towards Error Free Total Fertility Rate: A Review of Effort and Critiques (Part II), *IIPS Newsletters*, Vol. 44, Numbers 3-4.
- 2003 **Shekhar, Chander** and F. Ram. Adjustment of Tempo and Quantum Effects towards Error Free Total Fertility Rate: A Review of Effort and Critiques (Part I), *IIPS Newsletters*, Vol. 44, Numbers 1-2.
- 2002 F. Ram and **Chander Shekhar**. Reproductive Intentions and their Implications for Policy in India, *IIPS Newsletter*, Vol. 43, No 1-2.

Research Briefs, Reports, Monographs and Proceedings of Conferences

(28)

- 2014 Mondal, K., **Chander Shekhar**, S. Sarkar and S. Chakroborty. Adolescent Fertility in India: Levels, Trends and Pattern and Programme Needs for Reducing it. *Proceeding of Conference on Millennium Development Goals Related to Reproductive Health: Status, Challenges and Future Direction*, Balaiah D. and Chander Puri (eds.), Mahatma Gandhi Mission, pp 83-100.
- 2013 Kumar, D. and **Chander Shekhar**. Does Child Loss at Initial Phase of Reproduction Affect Fertility Behaviour Among Women in Uttar Pradesh, Proceedings of the VI International Symposium on Optimization and Statistics by A.H. Khan and H. Athor (eds.), Dept. of Statistics & Operation Research, AMU, Aligarh.
- 2012 **Shekhar, Chander**, F. Ram, L. Ladusingh, KM Ponnappalli, KM Sathayanarayana, M. Mahamallik, S. Kumar, RB Upadhyaya, and S. Unisa. *Use of Data for Planning and Monitoring of Development Programmes*, A Training Manual for District Level Officials in India, IIPS, Mumbai and UNFPA, New Delhi.
- 2012 Sarkar, S. and **Chander Shekhar** Problems of Women Infertility and Treatment Seeking Behaviour in India, in the *Proceedings of South Asian Conference on Reproductive Morbidity and Treatment Seeking Behaviour in India*, IDS, Kolkata.
- 2012 Mondal, K. and **Chander Shekhar**. Impact of Maternal Characteristics and Health Services on Neonatal Mortality in Madhya Pradesh, published in *Mortality, Health and Development India 2011* edited by A. Ranjan, MLC Foundation, 129-142.
- 2012 Mondal, N., **Chander Shekhar** and D.A. Nagdeve. Changing Role of Female Education on Fertility Decline in India. published in *Mortality, Health and Development India 2011* edited by A. Ranjan, MLC Foundation, 223-242.
- 2011 Arokiasamy, P., **Chander Shekhar** and K. Srinivasan. Integration of Family Planning Programme Services with Reproductive Health Services: An Evaluation of Inputs, Processes and Impact in three States, IIPS, Mumbai.
- 2011 Paswan, B. and **Chander Shekhar**, Socioeconomic and Health Concerns of Rural Elderly in Uttar Pradesh, Monograph, IIPS, Mumbai.
- 2011 **Shekhar, Chander** and F. Ram. In-depth Analysis of equity Differences in Health Outcomes in Reproductive and Child Health in Six Selected States of India, Policy Brief, Mumbai

- 2011 Ram, F. and **Chander Shekhar**. In-depth Analysis of Equity Differences in Health Outcomes in India: Focusing on Reproductive and Child Health, Policy Brief, IIPS, Mumbai.
- 2011 Ram, F. and **Chander Shekhar**. Equity Differences in Health Outcomes: An In-depth Analysis. IIPS, Mumbai.
- 2011 **Shekhar, Chander** and F. Ram. Indirect Estimation of Fertility and Mortality, A chapter in the Module on "Use of Demographic Data for District Level Officials" jointly developed by IIPS, Mumbai and UNFPA, New Delhi.
- 2010 International Institute for Population Sciences (IIPS). District Level Household and Facility Survey (DLHS-3), 2007-08: (**Written Chapter on Fertility and Family Planning in All the States' Report**). Mumbai: IIPS.
- 2010 Sekhar, T.V., S. Parasuraman and **Chander Shekhar** Health System Decentralization at District Level: A Pilot Study in Maharashtra and Karnataka, IIPS, Mumbai.
- 2010 Ram, F., L. Ladusingh, B. Paswan, S. Unisa, R. Prasad, T.V. Sekher and **Chander Shekhar**, International Institute for Population Sciences (IIPS). District Level Household and Facility Survey (DLHS-3), National Report, 2007-08: India. Mumbai: IIPS.
- 2009 **Shekhar, Chander**, MS Thatte and P. N. Mari Bhatt *Age-Sex Population Projection by Residence and Social Group 2002-2017*, National Commission on Enterprises in Unorganised Sectors, Jawahar Bhavan New Delhi. India.
- 2009 Das, K.C., **Chander Shekhar**, P.N. Mari Bhat. Migration in India: A Census Analysis, IIPS, Mumbai.
- 2008 Kumar, D. and **Chander Shekhar** Does the Child Loss at Initial Phase of Reproduction Affect Fertility Behavior among Women in Uttar Pradesh? Published in *Proceeding VI International Symposium on Optimization and Statistics*, Dec 29-31, 2008 at Aligarh Muslim University (AMU), Aligarh, India
- 2008 Ram, F., U. Ram, **Chander Shekhar** and N. Agarwal. *Strengthening State Plans for Human Development: District Level Vital Statistics*, Published Report, International Institute for Population Sciences, Mumbai (India).
- 2006 **Shekhar, Chander** and F. Ram. *Ranking and Mapping of Districts in India: Based on Some Socio-economic and Demographic Indicators*, Published Report, International Institute for Population Sciences, Mumbai (India).
- 2005 **Shekhar, Chander** and F. Ram. *National Report on Evaluation of Functioning of Urban Health Posts and Urban Family Welfare Centres in India*, Published Report, International Institute for Population Sciences, Mumbai (India).
- 2005 Ram, F., **Chander Shekhar** and SK Mohanty. Human Development: Strengthening District Level Vital Statistics in India, Published Report, International Institute for Population Sciences, Mumbai (India).
- 2005 Khan, M.E., F. Ram, Jim Foreit, **Chander Shekhar**, Sohini Roychowdhury. Developing Regional Operation Research Training Capacity in South Asia. Population Council Frontiers, New Delhi.
- 2005 Sebastian, Mary P., S. Kumar, M.E. Khan, **Chander Shekhar** and N.K. Gupta 2005. Studying the Utilization of Emergency Contraceptive Services through Paramedics in India. *Research Update* No. 5, September 2005. New Delhi: Population Council/Frontiers.
- 2004 **Shekhar, Chander**, S. Niranjana and Abhishek Singh. Computer Application to Population Data MPS-11, *Compute Application: Concept and Demographic Packages*, Fourth Edition, Department of Extra Mural Studies, International Institute for Population Sciences, Mumbai.

- 2004 Paswan, B., R.B. Bhagat and **Chander Shekhar**. Population Policies and Programmes, MPS-09, Block-1, *Population Policy, Programme Management and Evaluation*, Fourth Edition, Department of Extra Mural Studies, International Institute for Population Sciences, Mumbai.
- 2004 Paswan, B., R.B. Bhagat and **Chander Shekhar**. Population Policies and Programmes, MPS-09, Block-1, *Population Policy, Programme Management and Evaluation*, Fourth Edition, Department of Extra Mural Studies, International Institute for Population Sciences, Mumbai.
- 2003 **Shekhar, Chander** and A. Chattopadhyay. Research Design, MPS-10, Block-2, Research Method, Fourth Edition, Department of Extra Mural Studies, International Institute for Population Sciences, Mumbai.

Unpublished Research Papers Presented in Seminars/Conferences (India/Abroad): (27)

- 2017 **Chander Shekhar**, Garima Dutta, M Alagarajan, A. Moore and S Singh, Gestation Age, Source and Reasons for Seeking Induced Abortion in India : Evidences from Large-Scale Sample Survey 2007-08 and 2012-13, paper presented in Population Association of America Meeting 26-29 April, Chicago, USA.
- 2015 Chander Shekhar et al. Fertility Preferences in India. Presented in 3rd Asian Population Association Conference, 27-31 July 2015, Kuala Lumpur, Malaysia.
- 2013 **Chander Shekhar** and Diwakar Yadav, Impact Evaluation of Maternal-Child Health and Family Planning Services Utilization in Rural Uttar Pradesh (India), Presented in XXVI IUSSP International Population Conference, 26-31 August 2013. Busan, Korea.
- 2013 **Chander Shekhar**, Garima Dutta and S. Pedgaonkar. Public Health Infrastructure in Rural Madhya Pradesh: A Situation Analysis in View of Emerging Health Care Reforms in India presented at the National Seminar on Population, Health and Environment at the Indian Institute of Forest Management (IIFM), Bhopal, India 21-23 Mar 2013.
- 2013 **Chander Shekhar** and F. Ram. Demographic Health Data Quality and Its Reporting System in Historical and Contemporary Perspectives in India, Histotsubashi University, Tokyo, Japan 12 Mar 2013.
- 2012 **Chander Shekhar** and Navneet Saini. To Achieve the Millennium Development Goal of Reducing Malnutrition among Children under Five Years: India Needs Improved Family Welfare Services, 22-23 Dec 2012 in the International Conference on Development and Prosperity Through Young Minds, Bhopal, India.
- 2012 Gupta, P. and **Chander Shekhar**. Sex Ratio at Birth and its association with Women's Education in Six South Asian Countries: A Comparative Analysis using DHS Datasets, presentation in the 2nd Asian Population Studies (APA) Conference scheduled during 26-29 Aug, 2012 Bangkok, Thailand.
- 2012 Modal, K., **Chander Shekhar**, S. Sarkar and S. Chakraborty. Adolescent Fertility in India: Levels Trends, and Programme Needs, presented in the International Conference on Millennium Development Goals Related to Reproductive Health: Status, Challenges and Future Directions. held during 18-21 March, 2012, Mumbai.
- 2012 Gupta, P. and **Chander Shekhar**. Prevalence of Diarrhoea and ARIs and its Association with Quality of Water and Sanitation in District of India, presented in the International Conference on Millennium Development Goals Related to Reproductive Health: Status, Challenges and Future Directions. held during 18-21 March, 2012, Mumbai.
- 2011 **Shekhar, Chander**, F. Ram, Robert Retherford and A. Kumar. Analysis of Parity Progression ratios and Estimated Fertility Rates of Indian Women: A Multivariate Approach using NFHS (1992-93) and NFHS (2005-06), presented in XXXIII IASP annual meeting held during Nov 11-13, 2011, at Lucknow, India
- 2011 **Shekhar, Chander** and Namrata Mondal *Is Recent Fertility Decline in India Poverty Induced?* presented in the meeting of Population Association of America held during March 30-April 2, 2011, at the Marriot Wardman Park Hotel, Washington USA.

- 2012 Singh, M. N. and **Shekhar, Chander** Household Environment and its influence on Child Health in Urban Poor of India, presented during World Water Weeks, Aug 21-27, 2011 SIWI, Stockholm, Sweden.
- 2011 Ntshebe O., Chander Shekhar, and U. Ram 2012. A Comparative Analysis of Infant and Under-five Mortality in Botswana and India: Difference in Wealth Status, Paper presented in the National Seminar on 'Development and Population Stabilization in EAG States in India' held at Jaipur, Mumbai, Apr 4-6, 2011.
- 2011 Mondal, N., **Shekhar Chander** and D.A. Nagdeve *Changing Role of Female Education on Fertility Decline in Recent Past in India* presented in the meeting of Population Association of America" held during March 30-April 2, 2011, at the Marriot Wardman Park Hotel, Washington USA.
- 2011 **Shekhar, Chander** *Status of Family Planning and Quality of Care in Rural Uttar Pradesh and India: Findings from DLHS(2007-08)* presented in the International Seminar on Technology, Energy and Sustainable Rural Environment, Feb 23-25, 2011, Banaras Hindu University, Varanasi, UP, India.
- 2010 **Shekhar, Chander** *Indirect Estimation District Level Vital Statistics* in the National Seminar on "Human Development in India-Analysis to Action" jointly organized by the Planning Commission, GOI and UNDP, New Delhi, Oct 28-29, 2010.
- 2010 **Shekhar, Chander** *Family Planning and Fertility in India and Orissa*, A Paper Presented in the XXXII Annual Conference of Indian Association for the Study of Population (IASP) held at Utkal University during Nov 28-30, 2010.
- 2010 **Shekhar, Chander and L. Ladusingh** *Information on Fever/Malaria and Utilization of Public Health Services: NFHS (2005-06) and DLHS (2007-08)*, XXVII, Indian Society for Medical Statistics, Nov 11-13, 2010, NIHFW, New Delhi.
- 2009 **Shekhar, Chander** *Child Survival in Madhya Pradesh and Challenges*. Seminar on Development Priorities in Madhya Pradesh: the Child Rights Perspectives, jointly organized by UNICEF and RCVP Academy of Administration, BHOPAL (MP), Nov 24, 2009.
- 2009 Singh, M.N. and **Chander Shekhar** *Prevalence of Diarrhoea, Pneumonia and Acute Respiratory Infections and Associated Risk Factors among Slum Children under Age Six from Eight Megacities of India* in the International Conference on Urban Health held during Oct 18-23, 2009, Nairobi, Kenya.
- 2009 **Shekhar, Chander** *Household's Economic Status and Knowledge about Selected SRH Aspects among Unmarried Indian Women*, 5th Asia Pacific Conference on Reproductive and Sexual Health and Rights, Beijing, Oct 17-20, 2009.
- 2006 **Shekhar, Chander and D. Sebastian**, *Women with less number of children in Southern states of India*, International Conference on Emerging Population Issues in the Asian Pacific Region: Challenges in the 21st Century, Grand Hyatt, Mumbai, Dec 10-13, 2006.
- 2005 **Shekhar, Chander** *Age-Sex Structure and Socio-economic Aspects of Tribal and Non-Tribal Population in India*, IIPS National Seminar On Tribal Demography, Health and Development, Raipur, Chattisgarh, Feb 25-27, 2005
- 2004 Ram, F. and **Chander Shekhar** *Unmet Need Vs Intention to Use Family Planning Methods: A Policy and Programmes Issue*, Seminar on Follow-up of the National Population Policy 2000: Focus on EAG States, organized by IIPS in collaboration with UNFPA, NEW Delhi and National Commission on Population, New Delhi Oct 25-27 2004.

Workshops/Seminars/Training Programmes (Attended- India/Abroad): (11)

- 2011 Workshop on Preparation and Application of Population Situation Analysis Document:- Presented Situation Analysis on Unmet Need in FP and Fertility in India, 27-1 Dec 2011, UNFPA Bali.
- 2010 Rand Summer Institute, Mini-medical School and Demography, Economics and Epidemiology of Ageing, July 11-14 2010, Santa Monica, USA.
- 2008 Summer Seminar on Health, Workshop on Use of Discrete-Time Survival Models to Draw Out the Policy Implications of Demographic and Health Surveys, East-West Center, Honolulu, Hawaii, USA. June 3-July 3, 2008.
- 2005 International Seminar on **Strategic Issues and Challenges in Health Management**, Indian Institute of Management, Ahmadabad, Nov 24-25, 2005.
- 2005 A Short Course for Researchers on **Ethics in Social Sciences Research in Health**, jointly organized by Centre for Studies in Ethics and Rights, Mumbai, Tata Institute of Social Sciences, Mumbai and University of California, San Francisco-University of California at Tata Institute of Social Sciences, Mumbai Apr 26-28, 2005.
- 2004 International Short Training Programme in **Demographic Aspect of Population Ageing and its Implication for Socio-Economic Development, Policies and Plans** International Institute on Ageing, United Nation- Malta (INIA) in collaboration with the United Nations Population Fund (UNFPA) during Sep 6-17, 2004 at Forum Hotel and University of Malta, Malta.
- 2004 Training on **Operation Research in Reproductive Health and HIV/AIDS** jointly organized by the Population Council, Frontiers India, Ministry of Health, His Majesty's Government of Nepal and CREHA in Kathmandu, NEPAL, Mar 9-19, 2004.
- 2002 Workshop on **Some Statistical Techniques for Analysis Data on Reproductive Health Issues** organized by International Institute for Population Sciences, Mumbai and John Hopkins University, Oct 29-Nov 1, 2002.
- 2001 Workshop on **Communicating National Family Health Survey-2 (NFHS) Data to Policy Makers** jointly organized by Population Reference Bureau, Washington DC, East West Centre, Hawaii and International Institute for Population Sciences, Mumbai, Feb 1-23, 2001.
- 2000 Workshop on **Capacity Building in Reproductive Health Experts in India: Evaluating for Family Planning Multilevel Modelling** jointly conducted by International Institute for Population Sciences, Mumbai, India and Department of Statistics, University of Southampton, UK at IIPS, Mumbai Apr 7-21, 2000.

Coordinated Workshop/Trainings/Seminars: (20)

- 2013 **Utilization and Interpretation of Ethiopian Demographic and Health Survey and Census Data for Planners and Programmers**, in collaboration with UNFPA Ethiopia, at DSW Bonita Youth Training Center, Debre Zeit, Ethiopia, 17-21 June 2013.
- 2013 **International Seminar on Past and Present: Revisiting the Demographic Transitions in South through Individual Longitudinal Data** in collaboration with IUSSP France, 17-18 Jan, 2013, IIPS, Mumbai.
- 2013 **National Seminar on Population, Health and Environment**, in collaboration with IIFM and IIPS, India. 21-23 Mar 2013.
- 2012 **Birth History Analysis using the Intercensal Population Survey (ICPS)**, UNFPA, Ethiopia, 19-24 Nov 2012.

- 2012 **Lecture Series and Workshop on Population Dynamics-I**, January 30 - February 03, 2012, IIPS, Mumbai.
- 2009 **National Seminar on Population and Development on Punjab: Issues and Challenges** at CRIID Jointly organized by IIPS and CRIID, Mar 3-4, 2009.
- 2008 **National Dissemination Seminar on "FINDING OF DLHS-3"**, SCOPE, New Delhi, Dec 8, 2008.
- 2007 **Training of Trainers for Data Entry and Data Management DLHS-3**. Nov 12-18, 2007, International Institute for Population Sciences, Mumbai.
- 2006-07 Training workshop on **Strengthening State Plans for Human Development: District Level Vital Statistics**, for State Level Officials:-
- a) Southern States' and Districts' Officials, Anamalai University, Chidambaram, 27-31 Mar, 2007
 - b) For Western States' Officials at the Hotel Suraya Palace, Vadodara, Mar 5-8, 2007
 - c) For Northern States' Officials at the Officer's Training School (OTS), Jaipur, Jan 22-25, 2007.
 - d) For Southern States' Officials at Hotel Dukes Retreat, Khandala, Sep 27-30, 2006.
 - e) For Census and Vital Statistics Officials at the International Institute for Population Sciences (IIPS), Mumbai, Jun 28-30, 2006.
- 2006 **National Seminar on Findings of IIPS Funded Project** at India Habitat Center, New Delhi, Mar 23-24, 2006.
- 2006 Workshop on **"Scientific Writings in Reproductive Health"**, jointly conducted by Frontiers, Population Council, New Delhi and WHO, Geneva at the International Institute for Population Sciences, Mumbai, May 16-19, 2006
- 2004-05 Workshop on **Developing Operation Research Capacity in South Asia for Programme Managers**, conducted in collaboration with Frontiers, Population Council, New Delhi at Hotel Surya Palace, Vadodara, Aug 28-31, 2006.
- Workshop on **Developing Operation Research Capacity in South Asia for Senior Researchers**, conducted in collaboration with Frontiers, Population Council, New Delhi at Khandala (Mumbai) Dec 10-20 2005.
- Workshop on **Developing Operation Research Capacity in South Asia for Programme Managers**, conducted in collaboration with Frontiers, Population Council, New Delhi at Khandala, Mumbai during Apr 12-15, 2004.
- Workshop on **Developing Operation Research Capacity in South Asia for Programme Managers**, conducted in collaboration with Frontiers, Population Council, New Delhi at Khandala (Mumbai), Apr 12-15, 2004.
- 2002-03 Workshop conducted on **Popline-Bibliography Database on Reproductive Health** during Mar 11-13 2003, at Population Research Centre, Dept of Economics, Lucknow University, Lucknow, Uttar Pradesh, India.
- Workshop conducted on **Popline-Bibliography Database on Reproductive Health** during Dec 1-5 2001, at Population Research Centre, Dept. of Statistics, M.S. University, Baroda, Gujarat, India.

Principal Investigators and Consultant in Research Projects:

18

<i>Year</i>	<i>Title</i>	<i>Funding Agency</i>
2014	Socioeconomic, Demographic and Health Status of Tribal and Non-Tribal Population in India	Ministry of Tribal Affairs Govt. of India

2014-2017	A National Assessment of the Incidence of Unwanted Pregnancy and Induced Abortion in India (Started)	Guttmacher, USA
2012-14	Estimation of Vital Rates for Bombay Presidency in the Colonial Period (Continue)	IIPS, India and Hitotsubashi University, Japan
2009-11	Use of Demographic Data for District Planning- Training of District Level Officials-A Capacity Building Project under UNDAF Programme	UNFPA, India
2009	In-depth Analysis of Equity Differences in Health Outcomes based on NFHS-I, II, III and DLHS-3	DFID, India
2008-10	Health System Decentralization at District Level: A Pilot Study in Maharashtra and Karnataka	IIPS, Mumbai, India
2006-10	Integration of Family Planning Programme Services with Reproductive Health Services: An Evaluation of Inputs, Processes and Impact in three States	IIPS, Mumbai, India
2004-09	Socio-economic and Health Concerns of Elderly in Rural Uttar Pradesh	IIPS, Mumbai, India
2007-2009	Age-Sex Population Projection by Residence and Social Group 2002-2017	NCEUS, GOI, India
2005-008	Migration in India: A Census Analysis	IIPS, Mumbai, India.
2004-08	Strengthening State Plans for Human Development- A Government of India-UNDP Joint Venture	UNDP, New Delhi, India
2004-06	Developing Operations Research Capacity in South Asia	Frontiers, Population Council, New Delhi, India.
2004-05	Evaluation of Functioning of Urban Health Posts and Urban Family Welfare Centres in India	Ministry of Health and Family Welfare Govt. of India, New Delhi, India
2005	Ranking and Mapping of Districts: Based on Socio-economic and Demographic Indicators	National Commission on Population, Ministry of Health and Family Welfare, New Delhi, India.
2003-05	Human development: Strengthening Vital Statistics at the District Level	UNDP, New Delhi, India.
2003-04	Role of Incentives and Disincentives in Reproductive and Child Health Programme in Rajasthan	Ministry of Health and Family Welfare Govt. of India, New Delhi, India.
2002-04	An Epidemiological Study to Investigate the Gall Bladder Diseases in North India	IIPS and TATA TRUST, Mumbai.
2002-04	Reproductive Preferences and Potential Demand for Family Planning: An Investigation	IIPS, Mumbai, India.
2001-2003	The Role of Large Scale Sample Surveys in Population and Fertility Projection in India and its few States	IIPS, Mumbai, India.

Research Guidance:

▪ Ph.D. (Completed)	02 Scholar
▪ Ph.D. (Guiding)	08 Scholars
▪ Ph.D. (in Advisory Member):	20 Scholars
▪ M.Phil. (Guided)	10 Scholars
▪ Masters in Population Studies (Seminar Papers):	20 Students
▪ Diploma in Population Studies (Seminar Papers):	05 Students
▪ Summer Research Programme for International (Guided):	04 Students
▪ Masters Thesis for MA/M.Sc.	04 Students

Awards and Fellowships:

- Measures DHS Fellowship 2008 to Attend the Summer Seminar on Use of Discrete-Time Survival Models to Draw Out the Policy Implications of Demographic and Health Surveys, East-West Center, Honolulu, Hawaii, USA. June 3-July 3, 2008.
- Five Year Full Membership Award by the Council of the International Union for Scientific Studies in Population, 2007
- INIA, UN-Malta Fellowship to attend "Demographic Aspect of Population Ageing and its Implication for Socio-Economic Development, Policies and Plans" at Malta, 2004.
- Sir Rata Tata Trust Fellowship to attend "Demographic Aspect of Population Ageing and its Implication for Socio-Economic Development, Policies and Plans" at Malta, 2004.
- Junior Research Fellowship (JRF) offered by U.G.C., Ministry of Human Resources and Development (HRD), Govt. Of India for Ph.D. work in the area of Population studies in Oct 1999.
- Govt. of India Fellowship on Merit for Ph.D. work in the area of Population Studies at International Institute for Population Sciences (IIPS), Mumbai, India.
- Govt. of India Fellowship on Merit for pursuing Master of Population Studies (M.P.S) at International Institute for Population Sciences (IIPS), Mumbai, India.
- State Bank Of India Merit Fellowships for Staffs' Children for pursuing junior classes to Post graduate/Professional Courses.

Computer Skills:

- Operating System - UNIX, ALHA-VAX, DOS, WINDOWS XP
- Spread Sheets and Other Packages - Lotus, MS-Office-XP, Fox Pro-2.5
- Statistical Packages - SPSS 20.0, STATA 13.0, CSpro 4, MIWin2.01
- Demographic Packages - Mortpak 4, Anthropak, Spectrum 4

Large-Scale Survey Data Analysis Skills:

- Demographic Health Survey
- National Family and Health Survey
- Mexican Longitudinal Surveys
- District Level Household Survey-(Reproductive and Child Health)
- National Sample Surveys
- Global Adults Tobacco Survey

Life and Other Memberships of Professional Bodies:

- International Union for Scientific Studies in Population (IUSSP)-Annual Membership
- Population Association of America (PAA) 2009-2011, USA, Member
- Asian Population Association (APA)-Thailand, Founder Member
- Indian Association for Studies in Population (IASP), India, Life Member
- Human Dignity and Humiliation Studies, Sweden, Research Team Member,
- Indian Association for Social Sciences (IASS), India, Life Member
- International Institute for Population Sciences Alumni Association (IIPSA), India, Vice-President

Countries Travels for Academic Purposes:

USA, UK, NEPAL, MALTA, CHINA, SWEDEN, INDONESIA, THAILAND, ETHIOPIA, JAPAN, REPUBLIC OF SOUTH KOREA

International English Language Test (IELTS)-2008:

6.5/9.0

References:

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DECLARATION

I hereby declare that the above information are correct to the best of my knowledge and belief.

May 02, 2017
Mumbai



(Chander Shekhar)