

Manoj Alagarajan

Mailing Address

Assistant Professor
Department of Development Studies
International Institute for Population Sciences,
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**Post-Doctoral Fellow in the Department of Epidemiology at
University of Florida, February 2014 to August 2014.**

1. Educational Qualifications:

| Degree | Subjects | Year of Passing | University |
|---------------|--------------------|------------------------|-----------------------|
| B.Sc. | Geography | 1991 | Bharathiar University |
| M.A. | Population Studies | 1993 | Bharathiar University |
| M.Phil. | Population Studies | 1995 | Bharathiar University |
| Ph.D. | Population Studies | 2001 | Bharathiar University |

Area of Specialisation Fertility

Research Topic:
Fertility Differentials By Religion in Kerala.

2. Fellowships/ Awards

Awarded **Raja Rao Memorial Prize** from **Indian Statistical Institute** for the research work in Demography for the year 2001-2002.

Awarded the **IASP-Population Council Research Fellowship** for the period of 1997-2000.

Awarded Small Grants Fund by **Parkes Foundation, United Kingdom**, 1997.

University First Rank in M.A., Population Studies, 1993.

3. Work Experience:

1. Assistant Professor: **From 29 January 2008 continuing**

Had been one of the Coordinator for the National Rural Health Mission Project

One of the Coordinator for the District Level Household and Facility Survey -4.

2. **Senior Research officer** in Reproductive and Child Health Project,
International Institute for Population Sciences,
Govandi Station Road,
Mumbai, 400 088.
From 31st May 2007 to 28th January 2008.

3. **Assistant Professor** at Gujarat Institute of Development Research (GIDR),
Gota, Ahmedabad - 380 060.
From May 2003 to May 2007.

Was **Coordinator of Computer Committee** at GIDR.

Was also **Coordinating the GIDR Working Paper Series** at GIDR.

6. **Research Officer** : In District Level Household Survey on Reproductive
(From January 2001 and Child Health at, International Institute for
to May 2003) Population Sciences, Govandi Station Road,
Mumbai 400 088.
Project sponsored by Ministry of Health and Family
Welfare and funded by World Bank.

4. Research Projects:

One of the coordinator: **Unintended Pregnancy and Abortion in India UPAI**

One of the coordinator: **National Family Health Survey- 4**

One of the Coordinator: **District Level House Hold Survey - 4**

One of the Coordinator: **Concurrent Evaluation of National Rural Health Mission, India.**

One of the Coordinator: Involved in "Cost Analysis of Reproductive and Child Health Services including Family Planning, Immunization and MTP: An Exploratory Study of Two Districts in Maharashtra" 2008-2009

In charge of a Project on **Safe Maternal Health Care in India: Can in be Made Universal?** MacArthur Foundation, US. 2003 to 2006, at GIDR, Ahmedabad along with Prof. Leela Visaria

Research Assistant for conducting **Focus Group Discussions** and **In-depth** interviews in the UNDP sponsored research project "Demographic Transition in Tamil Nadu" during 1994-95.

The work involved conducting Focus Group Discussions and in-depth interviews with men and women in rural Tamil Nadu.

Assignment with Family Planning Association of India Vedapatti Project during 1993.

Organised the data from a survey of 52 villages by Family Planning Association of India, including preparation of files and assisted in statistical analysis of the data for evaluation.

5. Papers Published:

1. Ram F, B. Paswan, Singh S.K, Lhungdim H, Sekhar Chander, Singh Abhishek, Bansod, W, Dhananjay, **Alagarajan Manoj**, Dwivedi L K, Pedgaonkar Sarang, Pradhan Manas R, Arnold Fred, 2017. National Family Health Survey-4 (2015–16), Economic and Political Weekly, Vol. LII, No. 16.
2. Hemkothang Lhungdim, Balram Paswan, Chander Shekhar, D. W. Bansod, Manoj Alagarajan and Blake Zachary, 2014. 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.
3. S. K. Singh, Manoj Alagarajan, Abhishek Singh, L. K. Dwivedi, Sarang Pedgaonkar and Blake Zachary, 2014. Nutrition and Health among Children in India: Evidence from NFHS-4, Demography India, Vol. 43, No. 1&2, pp. 41-52.
4. Chander Shekhar, M. R. Pradhan, B. Paswan, H. Lhungdim, M. Alagarajan and F. Arnold, 2014. Levels 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. 1&2, pp. 53-61.
5. Ram F, Paswan B, Singh S.K, Lhungdim H, Sekhar Chander, Singh Abhishek, Bansod, W, Dhananjay, Alagarajan Manoj, Dwivedi L K, Pedgaonkar Sarang, Pradhan Manas R, Arnold Fred and Zachary Blake, 2016. Demographic and Health Trends in India (2005–06-2015–16) Results from Phase 1 of NFHS–4, Economic and Political Weekly, Vol. LI, No. 14.

6. Singh Dinachandra, Alagarajan Manoj and Ladusingh Laishram, 2015. 'Household Context and Child Wasting in Northeast India. Health Agenda. Vol.3 (1). Points: 21
7. Singh Konsam Dinachandra, Alagarajan Manoj, and Laishram Ladusingh, 2015. What Explains Child Malnutrition of Indigenous People of Northeast India?, PLOS ONE, DOI:10.1371/journal.pone.0130567
8. Abhishek Singh, Saseendran Pallikadavath, Faujdar Ram, and Manoj Alagarajan. 2014 " Do antenatal care interventions improve neonatal survival in India?", Health Policy and Planning, 29 (7): 842-848.
9. Singh, Prashant Kumar, Manoj Alagarajan, Rajesh Kumar Rai, and Lucky Singh. 2011. Does Education Leads to Contraceptive Use? A Study of Sexually Experienced Unmarried Men in India. Research on Humanities and Social Sciences, Vol. 1(4):23-32.
10. Singh, Prashant Kumar, Rajesh Kumar Rai, Manoj Alagarajan and Lucky Singh. 2012. Determinants of Maternity Care Services Utilization among Married Adolescents in Rural India. PLoS One 7(2): e31666. Doi: 10.1371/Journal.pone.0031666.
11. Manoj Alagarajan and P. M. Kulkarni. 2008. Religious Differentials in Fertility in India: Is There a Convergence. Economic and Political Weekly, XLIII (48): 44-53.
12. Manoj Alagarajan. 2006. Trends in Religious Differentials in Fertility, Kerala, India: An Analysis of Birth Intervals. Gujarat Institute of Development Research Working Paper, No. 167. (Jointly with P.M.Kulkarni).
13. Manoj Alagarajan. 2005. Population Growth, Fertility, and Religion in India. Economic and Political Weekly, XL (5): 403-410. (Jointly with P.M. Kulkarni)
14. Manoj Alagarajan. 2003. Recency of Birth as a Marker of Future Fertility: An Empirical Investigation with Program Implications. Economic and Political Weekly, xxxviii (28): 2977-2984. (Jointly with K. Srinivasan)
15. Alagarajan, Manoj. 2003. An Analysis of Fertility Differentials by Religion in Kerala State: A Test of the Interaction Hypothesis. Population Research and Policy Review, 22 (5-6): 557-574.
16. Alagarajan, Manoj. 1998. Fertility Differentials by Religion in Kerala: A Period Parity Progression Ratio Analysis. Demography India, 27 (1): 213-227. (Jointly with P.M. Kulkarni)

6. Papers Presented in Conferences/ Seminars:

1. Kumar Pradeep, & **Alagarajan Manoj**, 2016. An Assessment of Gynaecological Morbidity among Young Women in India: Special Emphasis on Bihar and Jharkhand International Conference on Male Involvement in Improving Women's Sexual and Reproductive Health: Evidences Actions & Possibilities, ICRH-2016 at Mumbai National Institute for Research in Reproductive Health (NIRRH), Parel, Mumbai
2. Kumar Pradeep, and Alagarajan Manoj, 2016. Elderly and Living Arrangement in India: A Correlates of Socio-Demographic Analysis Population and Development: Issues and Challenges in 21st Century, IIPS, Seminar Vasant Rao Naik State Agricultural Extension Management Training Institute (VANAMATI) VIP Road, Dharampath, Nagpur.
3. Alagarajan Manoj, 2016. Child Health and Nutrition, Population and Development: Issues and Challenges in 21st Century, IIPS Seminar/NFHS-4 Dissemination at Vasant Rao Naik State Agricultural Extension Management Training Institute (VANAMATI) VIP Road, Dharampath, Nagpur.
4. Dinachandra Singh Kongsam and Alagarajan Manoj, 2016. Household environment health risk factors in northeast India Population and Development: Issues and Challenges in 21st Century, IIPS Seminar Vasant Rao Naik State Agricultural Extension Management Training Institute (VANAMATI) VIP Road, Dharampath, Nagpur.
5. Alagarajan Manoj, 2015. Child Immunization and Health Care- DLHS-4 Dissemination for Western States at National Seminar on Population, Health and Inclusive Development in India, Ahmedabad Management Association, Ahmedabad, 26 February. 25-27 February.
6. Vaddiparti K, Alagarajan M, Striley C, Cottler LB. 2014 The association between exposure to guns and gambling among community recruited substance using women. College on Problems of Drug Dependence (CPDD), San Juan, Puerto Rico, June 17.
7. Alagarajan Manoj, 2014. Maternal Health – DLHS-4 Dissemination for Southern States at Indian Association for the Study of Population Conference, Trivandrum, 8th November. 6 – 10 November 2014.
8. Alagarajan Manoj, 2014. Key Finding of Facility Survey- DLHS-4 Dissemination at Indian Association for Social Science and Health, University of Lucknow, Lucknow. 24, November. 21-23 November 2014.

9. Singh, Konsam Dinachandra & Alagarajan Manoj „Knowledge and use of contraceptive among married males of northeast states of India”, paper presented at the Conference on Health Equity in Asia, Jakarta, Indonesia, 12-13 December, 2012.
10. Chauhan, Satish and Alagarajan Manoj 'Impact of Janani Suraksha Yojana on Maternal Health Care in India', paper presented at IASP Conference, Pune, 13-15, December 2012.
11. Sudheer Kumar Shukla and Manoj Alagarajan, 2012. Gap Between Preferred and Actual Birth Interval and its implication on Child Health In India, International Institute for Population Sciences National Seminar on Demographic Transition and Inclusive Development at Indian Statistical Institute, Kolkatta.
12. Dinachandra Singh Konsam and Manoj Alagarajan, 2012. Knowledge and Use of Contraceptives among Married Males of Northeast States of India, IIPS National Seminar on Demographic Transition and Inclusive Development at Indian Statistical Institute, Kolkatta.
13. Manoj Alagarajan. 2011. National Rural Health Mission Dissemination Seminar (Rajasthan) in a special session at the National Seminar on Development and Population Stabilization in EAG States of India. 6th April 2011.
14. Satish Kumar Chauhan, Manoj Alagarajan and Abhishek Kumar. 2011. Impact of Janani Suraksha Yojana on Maternal Health care in India. Paper presented in the Ninth Conference of Indian Association for Social Sciences and Health (IASSH). TISS, Mumbai. 24-26 November, 2011.
15. Arun Kumar Yadav and Manoj Alagarajan. 2011. Education and Maternal Health: Differential in Slum and Non Slum areas in Eight Cities of India. Poster presentation at 33rd IASP annual conference in Lucknow. 11-13 November 2011.
16. Manoj Alagarajan. 2010. National Rural Health Mission Dissemination Seminar Orissa on (Odisha) along with the IASP conference, Utkal University, Bhubaneswar. 29th November 2010.
17. Singh, Prashant Kumar and Manoj Alagarajan. 2009. Do Educated Never Married Men having rational attitude towards Contraceptive use: Evidence from India. “5th Asia Pacific Conference on Reproductive and Sexual Health and Rights (APCRSHR), Beijing, China, 18-20, October..

18. Singh, Prashant Kumar and Manoj Alagarajan. 2008. Exploring Relationship between Education and Contraceptive Use Among Never Married Men, India: In context of HIV/AIDS. Poster presentation at 30th Annual Conference of the IASP, on Population, Gender and Health, Bangalore. 17-19, October 2008.
19. Prakash, Malin and Manoj Alagarajan. 2008. Religious Differences Between Age at Marriage in India. Poster presentation at 30th Annual Conference of the IASP, on Population, Gender and Health, Bangalore. 17-19, October 2008.
20. Alagarajan Manoj. 2004. Religious Differentials in Fertility and Contraceptive Use in Assam and Manipur. Paper presented at National Seminar on Population and Development in North East India, Mawlai, Shillong, India , February 25-27.
21. Alagarajan, Manoj. 2003. An Analysis of Fertility Differentials by Religion in Kerala State: A Test of Interaction Hypotheses. Paper presented at Population Association of America, Minneapolis, Minnesota, May 1-3.
22. Alagarajan, Manoj. 2002. Fertility Differentials by Religion in Kerala State, India: People's Perception on what their religion says about fertility and contraception. Paper Presented at the XXV Annual Conference of Indian Association for the Study of Population, Mumbai. February 11-13.
23. Manoj Alagarajan. 2002. Need for changes in Program Implementation Strategies under the RCH Approach to achieve accelerated fertility decline in selected areas: Birth-Based Approach. Paper presented at the Second Regional Conference of The Indian Association for the Study of Population, at Bharathiar University, Coimbatore, August 5-6. (Jointly with K. Srinivasan)
24. Alagarajan, Manoj. 2000. Religious Differentials in Desire for Additional Children and Contraceptive Use in Kerala. Paper Presented at the Millennium Conference on Population, Development and Environment Nexus and XXIII Annual Conference of Indian Association for the Study of Population at the PHD House, New Delhi. February 14-16.
25. Alagarajan, Manoj. 1999. Population Policy in India-Historical Development. Paper Presented at the Conference on India's Population Policy: Challenges Ahead and Strategies Thereof held at Bharathiar University, Coimbatore, September, 24.
26. Alagarajan, Manoj. 1998. Fertility Differentials by Religion in Kerala: An Analysis of Birth interval from the NFHS Data. Presented at the Interenational Conference on Population Issues on the Eve of 21st Century and XXIth Annual Conference of the Indian Association for the study of Population at the Banars Hindu University, Varnasi, February, 9-12. (Jointly with P.M. Kulkarni)

27. Manoj Alagarajan. 1988. Religious Differentials in Fertility in India: An Assessment of the Characteristics Hypothesis. Paper Presented at the XXIth Annual Conference of the Indian Association for the Study of Population at the Banaras Hindu University, Varnasi, February, 9-12. (Jointly with P.M. Kulkarni and M. Sivakami)
28. Alagarajan, Manoj, and P.M. Kulkarni. 1997. Fertility Differentials by Religion in Kerala: A Parity Progression Ratio Analysis. Presented at the XX Annual Conference of the Indian Association for the Study of Population at Bharathiar University, Coimbatore, February, 12-14.
29. Alagarajan, Manoj. 1995. Growth of Tirupur Town and Agglomeration. Presented in the seminar entitled "Urban Environment of Tirupur" conducted by Madras Institute of Development Studies, Madras.

7. Unpublished Research

1. **Alagarajan Manoj**, Bansod W Dhananjay, Pradhan R Manas, Vaidehi Y, 2016. National Family Health Survey – 4 (2015-16): State and District Factsheets, Tamil Nadu, 2016, IIPS.
2. **Alagarajan** Manoj, Paswan B, Lhungdim H, Zachary Blake, 2016. National Family Health Survey – 4 (2015-16): State and District Factsheets, Puducherry, 2016, IIPS.
3. Pradhan R Manas, Sekhar Chander, **Alagarajan Manoj**, Alex, 2016. National Family Health Survey – 4 (2015-16): State and District Factsheets, Uttarakhand, 2016: IIPS.
4. Singh Abhishek, Lhungdim H, **Alagarajan Manoj** and Blake Zachary, 2016. National Family Health Survey – 4 (2015-16): State and District Factsheets, Haryana, 2016: IIPS.
5. Chander Shekhar, Abhishek Singh, **Manoj Alagarajan** and Vaidehi Yelamanchili National Family Health Survey – 4 (2015-16): State and District Factsheets, Madhya Pradesh (East), 2016.
6. Laxmi Kant Dwivedi, Dhananjay W. Bassod, **Manoj Alagarajan**, Sarang P. Pedgaonkar and Vaidehi Yelamanchili National Family Health Survey – 4 (2015-16): State and District Factsheets, Madhya Pradesh (East), 2016.
7. **Alagarajan Manoj**, Ponnappalli K.M, Ranjan Mukesh, Singh L Priyananda, 2014. District Level Household and Facility Survey (DLHS-4), 2012-13: Tamil Nadu State Report, 2014, Mumbai: IIPS.

8. **Alagarajan Manoj**, Singh L Ladu, Pardhi Ashish, Brahmanandam N, 2014. District Level Household and Facility Survey (DLHS-4), 2012-13: Meghalaya State Report, 2014, Mumbai: IIPS.
9. Sekher .T. V, **Alagarajan Manoj**, Mishra Ragini, Upadhay Kumar Ashish, 2014. District Level Household and Facility Survey (DLHS-4), 2012-13: Kerala State report, 2014, Mumbai: IIPS.
10. Ponnappalli, K.M, **Alagarajan Manoj**, Brahmanandam N, and Ahmad Imran. 2014. District Level Household and Facility Survey (DLHS-4), 2012-13: Andhra Pradesh State Report, 2014: Mumbai: IIPS.
11. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Madhya Pradesh: Mumbai: IIPS.
12. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Odisha: Mumbai: IIPS.
13. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Uttar Pradesh: Mumbai: IIPS.
14. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Rajasthan: Mumbai: IIPS.
15. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Jharkhand: Mumbai: IIPS.
16. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Chhattisgarh: Mumbai: IIPS. **Points: 20**
17. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Bihar: Mumbai: IIPS.

18. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Assam: Mumbai: IIPS.
19. Ram, F., Singh L. Ladu, Paswan, Singh S.K, Lhungdim .H, Sekher T.V, Ponnappalli K.M, Shekhar Chander, **Alagarajan Manoj**. 2014. District Level Household and Facility Survey (DLHS-4),2012-13: India. Uttarakhand: Mumbai: IIPS.
20. Concurrent Evaluation of National Rural Health Mission (NRHM), National Fact Sheet 2009, IIPS.
21. Concurrent Evaluation of National Rural Health Mission (NRHM), National report 2009, IIPS.
22. **Alagarajan, Manoj**, Johnson Thangaraj and Tushara Shankar. 2011. Concurrent Evaluation of National Rural Health Mission (NRHM) 2009, Tamil Nadu. IIPS.
23. **Alagarajan, Manoj**, Johnson Thangaraj and Diana Picardo. 2011. Concurrent Evaluation of National Rural Health Mission (NRHM) 2009, Karnataka. IIPS.
24. **Alagarajan, Manoj**, Deepthi Sutapalli and Gopinath Thriupathi. 2011. Concurrent Evaluation of National Rural Health Mission (NRHM) 2009, Andhra Pradesh. IIPS.
25. **Alagarajan, Manoj**, Abdul Latheef and Seema P. 2011. Concurrent Evaluation of National Rural Health Mission (NRHM) 2009, Kerala. IIPS.
26. **Alagarajan, Manoj**, Johnson Thangaraj and Deepthi Sutapalli. 2011. Concurrent Evaluation of National Rural Health Mission (NRHM) 2009, Lakshadweep. IIPS.
27. Guruswamy. M, S.K.Mohanty and **Manoj Alagarajan**, 2009. Cost Analysis of Reproductive and Child Health Services, Immunization and MTP: An Exploratory Study of Two Districts in Maharashtra. IIPS.

8. Doctoral Research: An Analysis of Fertility Differentials by Religion in Kerala State, India.
The National Family Health Survey (NFHS) data are used to analyse fertility differentials by religion and trends in the differentials. The research looked at differentials and trends in Parity Progression Ratios.

Survival analysis has been carried out for Birth Intervals. Besides, focus group discussions and in-depth interviews have been carried out by the researcher in various localities in Kerala. Papers on the basis of the work have been presented in conferences and two has been published.

M.Phil. Research : Family Building Patterns in Rural Tamil Nadu.

Family building models were applied to analyse data from a survey in Vedapati in order to examine the fertility differentials by social groups.

M.A. Research: Urbanisation in Coimbatore District and Growth of Coimbatore City.

This study examined in detail census and other data to assess trends in Urbanisation and to estimate the contribution of migration.

9. Member of Professional organisation :

Executive Committee Member 2016-2018

Indian Association for the Study of Population (IASP).

Member

Indian Association for Social Science and Health (IASSH)

10. Language Known :

| To Read | To Write | To Speak |
|----------------|-----------------|-----------------|
| English | English | English |
| Hindi | Hindi | Hindi |
| | | Malayalam |
| | | Tamil |