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EDUCATION

Ph.D, Economics, University of Maryland, College Park, Maryland, 1992.

WORK HISTORY

- ❖ *Professor & Head*, Health Policy Research Unit, Institute of Economic Growth, 2004 - present
- ❖ *Associate Professor and Head*, Health Policy Research Unit, Institute of Economic Growth, 1998 -2004
- ❖ *Consultant*, Institute of Economic Growth, 1995-1998.
- ❖ *Consultant*, Policy Research Dept., World Bank, Washington D.C., 1991-95.
- ❖ *Research Analyst*, Bureau of Business & Economic Research, U. of Maryland, 1991.
- ❖ *Instructor*, Department of Economics, University of Maryland, 1987, 1989, 1990, 1987-88.
- ❖ *Assistant Director*, Ministry of Agriculture, Government of India, 1985-86.
- ❖ *Assistant Director*, Ministry of Finance, Government of India, 1983-85.
- ❖ *Research Associate*, National Council of Applied Economic Research, Delhi, 1982-83.
- ❖ *Lecturer*, Janki Devi College, University of Delhi, New Delhi, India, 1981-82.

PAPERS/ BOOKS/REPORTS

- *Health Status and Access to Health Services in Indian Slums* (with P. Guin). Health. Vol.7 No.2, February 2015, pp 245-255. (Scientific Research Publishing, SCIRP.
- *Correlates of Out-of-Pocket Spending in Nepal: Implications for Policy*, (with S Chowdhury), WHO South East Asia Journal of Public Health. Volume 3, Issue 3-4, Jul - Dec 2014.
- *Health spending, macroeconomics and fiscal space: a study of SEAR countries* (with S Mondal) WHO South East Asia Journal of Public Health. Volume 3, Issue 3-4, Jul - Dec 2014.
- *Scaling up Health Expenditure for Universal Health Coverage: Prospects and Challenges*, India Infrastructure Report 2013|14, IDFC Foundation. New Delhi.
- *Essential Health Package for India: Approach and Costing* (with S. Chowdhury and N.Patra). Report submitted to the Fourteenth Finance Commission. September 2014.

- *Public Financing for Health Coverage in India: Who Spends, Who Benefits and At What Cost?* Economic and Political Weekly. Vol XLIX No. 35, August 30, 2014.
- *Development and pilot testing of HIV screening program integration within public/primary health centres providing antenatal care services in Maharashtra, India.* (with S. Bindoria et al). BMC Research Notes 2014: 7:177.
- *Willingness to Pay for Health Insurance Among HIV-Positive Patients in India* (with M. Trivedi). Journal of Health Economics and Health Policy. June 2014. 10.1007/s40258-014-0105-x
- *Economic burden of malaria in India: The need for effective spending* (with S. Chowdhury). WHO South-East Asia Journal of Public Health | January-March 2014 | 3 (1).
- *Does discrimination drive gender differences in health expenditure on adults: Evidence from Cancer patients in rural India* (with A. Batra and A. Mukhopadhyaya). Indian Statistical Institute Discussion Paper14-03.
- *Urban Health in India: Who is Responsible?* (with S. Mondal). The International Journal of Health Planning and Management). 2014. doi: 10.1002/hpm.2236,early online version. (John Wiley & Sons)
- *Fiscal Space for Health Spending in South East Asia* (with S. Mondal). Journal of Health Care Finance 2013; 39(4):68–82. (Aspen Publishers)
- *Refining estimates of catastrophic healthcare expenditure: an application in the Indian Context* (with W. Joe). International Journal of Health Care Finance and Economics 24 Feb 2013. (Springer)
- *How Costly Is Safe Sex? An Economic Analysis of the Commercial Sex Market in India* (with S. Mondal). Global Health Perspectives. Vol 1, in press (2013). (Maralte)
- *The new patent regime and disease priorities in India* (with M. Trivedi and P. Guin). Global Public Health, 2013, Vol. 8, No. 1, 37_54. (Taylor & Francis)
- *HIV Prevention: Towards a Structural-Plus Approach* (with W. Joe and S. Rudra). Health. Vol.5, No.1, 102-108 (2013) (Scientific Research Publishing, SCIRP)
- *HIV Insurability in India: early history and current status* (with M. Trivedi). Journal of Health Management. 14, 4 (2012), 435–450. (Sage)
- *Implications and feasibility of commercial health insurance for people living with HIV in India* (with M. Trivedi, S. Rudra et al). Chapter 23 in “Three Decades of HIV/AIDS in Asia”. Edited by J.P. Narain. Sage Publications. 2012.
- *Economics of Scaling Up*. Chapter in “Climate Change and Disease Dynamics in India”. Edited by Nitish Dogra and Sangeet Srivastava. The Energy and Resources Institute (TERI), New Delhi. 2012.

- *Health Indicators*. In the New Oxford Companion to Economics in India. Edited by Kaushik Basu and Annemie Maertens. OUP. 2012
- *Human Development in Bellary: A Human Development Perspective* (with M. Trivedi and P. Guin). In Population, Health and Human Resources in India's Development, edited by S.C. Gulati. Academic Foundation-IEG. 2011.
- *Demand Side Financing in Health: How far can it address the issue of low utilization in developing countries?* (with W. Joe and S. Rudra). Health systems financing: the path to universal coverage. World Health Report 2010. Background Paper, 27. WHO. 2010.
- *Communicable diseases in the South-East Asia Region of the World Health Organization: towards a more effective response* (with P. Guin). Bulletin of the World Health Organisation. Volume 88, Number 3, March 2010.
- *Out-of-pocket Health Expenditures and Poverty: Estimates from NSS 61st Round*. In Report of the Expert Group on Methodology for Estimation of Poverty. Chaired By Prof. Suresh D. Tendulkar. New Delhi: Planning Commission. November 2009.
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- *Potential impact on health and economic inequality from Cardiovascular Diseases and Diabetes in India: Evidence from the National Sample Survey*. IEG Discussion Paper Series No. 136/2009.
- *Determinants of Adherence in the Antiretroviral Treatment Programme of the Government of India*. (with M. Trivedi, M. Over and D. De Walque). IEG Discussion Paper Series No. 134/2009.
- *Child labor and HIV and AIDS in India*. In The World of Child Labor: An Historical and Regional Survey. Edited by Hugh Hindman. June 2009. (M.E. Sharpe).
- *Recurrent costs of India's free treatment programme* (with M Trivedi and S Kandamuthan). In "HIV and AIDS in South Asia: An Economic Development Risk". Edited by Markus Haacker and Mariam Cleason. World Bank 2009.
- *The slow decline in the Infant Mortality Rate in India: can governance be an explanation?* (with M. Trivedi). Volume 4. No. 1-4, Journal of Health and Development, 2008.
- *Understanding HIV & Development: An Analysis from Bellary District in Karnataka, India* (with M. Trivedi, P. Guin). UNDP. June 2008.
- *Adherence to antiretroviral therapy and its determinants amongst HIV patients in India* (with A. Sarna et al). Indian Journal of Medical Research. 127(1), January 2008; 1-100.

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- *Willingness to Pay for Antiretroviral Therapy for HIV Positive Individuals in India,* Forum for Health Economics & Policy: Vol. 10: Iss. 2 (Economics of the HIV Epidemic), Article 7. 2007.
- *Health Status and Access to Health Services: A Study of Four Slums (with P. Guin).* Institute of Economic Growth Discussion Paper Series No. 122/2007
- *Health Status and Access to Health Services (with P. Guin).* In “Well-being of the Urban Poor: Assessment and Policy Issues. A Study of Slum-Clusters in Jaipur, Ludhiana, Mathura and Ujjain”. Report submitted to the Ministry of Housing and Urban Poverty Alleviation. 2007.
- *Bellary District Human Development Report on HIV/AIDS (with M. Trivedi and P. Guin).* United Nations Development Programme, New Delhi. August 2007.
- *Adoption of Health Technologies in India: Implications for the AIDS Vaccine (with M. Trivedi and S. Kandamuthan).* Sage Publications India Pvt Ltd. July 2007.
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- *Choosing between Private, Public and No Care (with P. Dasgupta).* In State, Markets and Inequalities: Human Development in Rural India. Edited by A. Shariff and M. Krishnaraj. Orient Longman. 2007.
- *Socio-Economic Impact of HIV and AIDS: Mainstreaming Policies of Impact Mitigation (With M. Trivedi and P. Guin),* Report submitted to Constella Futures, New Delhi, March, 2007
- *Health Coverage for All: Strategies and Choices for India.* In Extending Social Protection in Health: Developing Countries' Experiences, Lessons Learnt and Recommendations. Published by GTZ, Germany. March 2007.
- *Cost of Care & Support Services: A Study of Selected Community Care Centres (With M. Trivedi and P. Guin),* Report submitted to Population Foundation of India, New Delhi, February, 2007
- *An Analysis of Recurrent Costs of the Free ART Programme of the Government of India (with M. Trivedi and S. Kandamuthan).* World Bank. South Asia Human Development Sector. Report No. 18. July 2006.
- *Covering Treatment for HIV/AIDS in India: A Feasibility Study (with M. Trivedi et al).* UNDP India. Report. 2006.

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- *Reducing AIDS-related Stigma and Discrimination in Indian Hospitals*. (with V. Mahendra et al). Horizons Final Report. Population Council. New Delhi. April 2006.
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- *The HIV/AIDS Epidemic in India: Looking Ahead* (with S. Panda). *In Living with the HIV/AIDS Virus: The Epidemic and the Response in India*. Edited by S. Panda, A. Chatterjee and A.S. Abdul-Quader. Sage Publications. October 2002.
- *Private Health Insurance and Health Costs: Results from a Delhi Study*. Economic and Political Weekly. Volume 35, No. 27, July 6, 2002.
- *Basic Amenities and Health in Urban India* (with Arup Mitra). 2002. The National Medical Journal of India. Volume 15, No. 1 (Supplement).
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- *Slum dwellers in Delhi: An Unhealthy Population* (with A. Mitra and M.K. Jha). Working Paper No. E/194/98, Institute of Economic Growth, 1998.
- *HIV/AIDS and Development in India* (with S. Panda and R. Motihar). Background Study for the Swedish Country Strategy for India 2003-2007. February 2003.
- *Demand for Curative Care: A Supply Perspective using data from Hinduja Hospital* (with Deepa Sankar). Report submitted to P.D. Hinduja National Hospital and Medical Research Centre, Mumbai. February 2003.
- *Commercial Presence in the Hospital Sector under GATS: A Case Study of India*. (with B.N. Goldar). Report submitted to WHO/SEARO, Delhi, October 2001.
- *Human Capital, Growth, and Returns to Education: A Case Study of India* (with B. Saha) Report submitted to OECD Development Centre, Paris, February 1998.
- *Evaluation of Primary School Health Check-up Scheme in Delhi* (with M. Alam). Report submitted to Ministry of Health and Family Welfare, July 1997.
- *Trade in Health Services: A Case Study of India* (with B.N. Goldar and A. Mitra). Report submitted to WHO/SEARO, Delhi, May 1997.
- *Socio-economic Impact of HIV/AIDS: Developing a Set of Protocols*. Report submitted to the World Health Organisation and the National AIDS Control Organisation, Delhi, India, May 1996.
- *Inequalities in Lifetime Earnings of American Earners*. Report submitted to the Russell Sage Foundation, 1992.

PROFESSIONAL AFFILIATIONS

- Co-Chair, Global Coordination Mechanism for Non-Communicable Diseases, WHO.

- Member, Research Coordination Committee for the initiative “Tackling Agriculture and Nutrition Disconnect in India- Phase II (TANDI – II)”.
- Member, Technical Sub Committee, National Technical Advisory Group for Immunization (NTAGI)
- Member, Research Advisory Group, Asia Pacific Observatory on Health Systems and Policies
- Member, Academic Advisory Council, International Institute of Health Management Research
- Member, Project Review Group, Social and Behavioural Research, ICMR
- Member, Technical Resource Team -Program Evaluation cum Operations Research, Population Foundation of India
- Member, Avahan Evaluation Advisory Group
- Member, PATH-ICMR Cervical Cancer Vaccine Project Advisory Group
- Member, Governing Board, Action Research and Training for Health (ARTH)
- Member, Board of Trustees, Naz Foundation, India
- Founding Member & Board Member, World Health Partners
- Member, Task Force on Statistics and Health Systems Research, Indian Council of Medical Research (ICMR)