

CURRICULUM VITAE

J.V. Meenakshi

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EDUCATION:

Ph.D., Cornell University, 1991; Agricultural Economics
Minors in (a) Quantitative Methods and (b) Statistics and Biometry
M.S., Cornell University, 1986; Agricultural Economics
B.A. University of Maryland, 1982; Economics

EXPERIENCE:

2008-present: Professor, Department of Economics, Delhi School of Economics, University of Delhi, Delhi.
2004-2008: Head, Impact and Policy Research, HarvestPlus, International Food Policy Research Institute, Washington, D.C.
1992-2004: Reader, Lecturer and Research Associate, Department of Economics, Delhi School of Economics, University of Delhi, Delhi.
1991-1992: Visiting Scholar, Centre for Development Studies, Thiruvananthapuram.

TEACHING:

Post-graduate courses on Econometric Methods, Indian Agriculture, Economic Development and Policy in India, and Survey Sampling.

MEMBERSHIP OF COMMITTEES:

- Member, National Statistical Commission, Ministry of Statistics and Programme Implementation, Government of India. <http://www.mospi.gov.in/national-statistical-commission-0>
- Member, Standing Panel on Impact Assessment, International Science and Partnership Council of the Consultative Group on International Agricultural Research. <https://ispc.cgiar.org/workstreams/impact-assessment/community>
- Member, Technical Advisory Committee on Statistics of Prices and Cost of Living, Central Statistical Organisation, Ministry of Statistics and Programme Implementation, Government of India.
- Member, Technical Working Group on "Measuring Food and Nutrition Security: An Independent Technical Assessment and User's Guide for Existing Indicators" of the Food Security Information Network, 2015-16.
- Have served on various committees of the Department of Economics, Delhi School of Economics, University of Delhi.

JOURNALS:

Associate Editor, Agricultural Economics (Journal of the International Association of Agricultural Economists) and of India, India Growth and Development Review, and Indian Economic Review (Journal of the Delhi School of Economics)

RESEARCH SUPERVISION:

Currently supervising four Ph.D. students at the Department of Economics, University of Delhi.

RESEARCH AREAS:

Nutrition and health economics; Agricultural markets; Food demand; Social exclusion

PUBLICATIONS (by research area and type):

Nutrition and Health Economics

Journal articles

Nitya Mittal and **J.V. Meenakshi** (forthcoming), "Does the ICDS Improve the Quantity and Quality of Children's Diets? Some Evidence from Rural Bihar" *Journal of Development Studies*. An earlier version of the paper appeared as Centre for Development Economics Working Paper 257.

Alan de Brauw, Patrick Eozenou, Daniel Gilligan, Christine Hotz, Neha Kumar and **J.V. Meenakshi** (2018), "Biofortification, crop adoption and health information: Impact Pathways in Mozambique and Uganda" *American Journal of Agricultural Economics*. doi: 10.1093/ajae/aaay005. An earlier version of the paper appeared as HarvestPlus Working Paper 21.

Abhijit Banerji, Shyamal Chowdhury, Hugo De Groote, **J.V. Meenakshi**, Keith Tomlins, Joyce Haleegoah, and Manfred Ewool (2017), "Eliciting Willingness to Pay through Multiple Experimental Procedures: Evidence from Lab-in-the-Field in Rural Ghana" *Canadian Journal of Agricultural Economics*. DOI: 10.1111/cjag.12147. An earlier version of the paper appeared as HarvestPlus Working Paper 10.

J.V. Meenakshi (2016), "Trends and Patterns in the Triple Burden of Malnutrition in India" *Agricultural Economics*, 47, pp. 115-134. An earlier version of this paper is also published as Centre for Development Economics Working Paper 256. <http://www.cdedse.org/pdf/work256.pdf>

E. Birol, **J.V. Meenakshi**, Adawale Oparinde, Salomon Perez, and Keith Tomlins (2015), "Developing Country Consumers' Acceptance of Biofortified Foods: A Synthesis" *Food Security*, 7, pp. 555-568. DOI 10.1007/s12571-015-0464-7

Priyanka Gupta, Nitya Mittal, Abhishek Kulkarni, **J.V. Meenakshi** and Vijayalakshmi Bhatia, (2014), "Obesity and the Growth of Middle Socio-Economic Group Children in Lucknow, India" *National Medical Journal of India*, 27(5).

J.V. Meenakshi and Brinda Viswanthan (2013), "Estimation of Calorie Norms and Measurement of Food Intakes: Some Implications for the Magnitudes of Prevalence of Undernutrition in India" *Indian Economic Review*, XLVIII(1), pp. 167-188.

J.V. Meenakshi, A. Banerji, Victor Manyong, Keith Tomlins, Nitya Mittal and Priscilla Hamukwala (2012), "Using a Discrete Choice Experiment to Elicit the Demand for a Nutritious Food: Willingness to Pay for Orange Maize in Rural Zambia" *Journal of Health Economics*, 31(1), pp. 62-71.

Christine Hotz, Cornelia Loechl, Abdelrahman Lubowa, James Tumwine, Grace Ndeezi, Agnes Masawi, Rhona Baingana, Alicia Carriquiry, Alan Debrauw, **J.V. Meenakshi** and Daniel Gilligan (2012), "Introduction of Beta-carotene Rich Orange Sweetpotato in Rural Uganda Results in Increased Vitamin A Intakes among Children and Women and Improved Vitamin A Status among Children" *Journal of Nutrition*.

Christine Hotz, C. Loechl, A. de Brauw, P. Eozenou, D. Gilligan, M. Moursi, B. Munhaua, P. van Jaarsveld, A. Carriquiry and **J.V. Meenakshi** (2012), "A large-scale intervention to introduce orange sweet potato in rural Mozambique increases vitamin A intakes among children and women" *British Journal of Nutrition*. 108(1), pp. 163-176.

Shyamal Chowdhury, **J.V. Meenakshi**, Keith Tomlins and Constance Owori (2011), "Are Consumers In Developing Countries Willing to Pay More for Micronutrient-Dense Biofortified Foods? Evidence from a Field Experiment in Uganda" *American Journal of Agricultural Economics*, doi: 10.1093/ajae/aaq121

J.V. Meenakshi, Nancy Johnson, Victor Manyong, Hugo DeGroote, Josyline Javelosa, David Yanggen, Firdousi Naher, Carolina Gonzales, James Garcia and Erika Meng (2010), "How Cost-Effective is Biofortification in Combating Micronutrient Malnutrition? An Ex ante Assessment" *World Development*, 38(1), pp. 64-75.

Alexander J. Stein, **J.V. Meenakshi**, Matin Qaim, Penelope Nestel, H.P.S. Sachdev, and Zulfiqar A. Bhutta (2008), "Potential Impact of Iron Biofortification in India" *Social Science and Medicine*, 66(8), pp. 1797-1808.

Alexander J Stein, Penelope Nestel, **J.V. Meenakshi**, Matin Qaim, H.P.S. Sachdev and Zulfiqar A Bhutta (2007), "Plant Breeding to Control Zinc Deficiency in India: How Cost-Effective is Biofortification" *Public Health Nutrition*, 10(5), pp. 492-501.

Matin Qaim, Alexander Stein and **J.V. Meenakshi** (2007), "Economics of Biofortification" *Agricultural Economics*, 37(s1), pp. 119-133.

Penelope Nestel, Howarth E. Bouis, **J. V. Meenakshi**, and Wolfgang Pfeiffer (2006), "Biofortification of Staple Food Crops" *Journal of Nutrition*, 136, pp. 1064-1067.

J.V. Meenakshi and Brinda Vishwanathan (2003), "Calorie Deprivation in Rural India, 1983-1999/2000" *Economic and Political Weekly*, 38(4), pp. 369-375.

Brinda Vishwanathan and **J.V. Meenakshi** (2001), "Developing Country Nutrition Does Improve with Income: A Look at Calorie and Protein Intakes, 1983 to 1993/94," *Sarvekshana*, XXIV(2&3), 85th issue, pp. 9-47.

Book chapters, monographs and working papers

Archana Dang and **J.V. Meenakshi** (2017), "The Nutrition Transition and the Intra-Household Double Burden of Malnutrition in India" Asian Development Bank Institute Working Paper 725, Tokyo.

Uma Lele, William A. Masters, Joyce Kinabo, **J.V. Meenakshi**, Bharat Ramaswami, Julia Tagwireyi, with Winnie Bell and Sambuddha Goswami (2016), *Measuring Food and Nutrition Security: An Independent Technical Assessment and User's Guide for Existing Indicators*. Measuring Food and Nutrition Security Technical Working Group. Rome: Food Security Information Network. Available at <http://www.fsincop.net/topics/fns-measurement>.

J.V. Meenakshi (2016), "Nutri-Farms: A Review of the Evidence on the Nutritional Impact of Agriculture in India" pp. 195-212 in Food and Agriculture Organization of the United Nations and M.S. Swaminathan Research Foundation, editors, *Family Farming: Meeting the Zero Hunger Challenge*, Academic Foundation.

Nitya Mittal and **J.V. Meenakshi** (2015), "Utilisation of ICDS Services and their Impact on Child Health Outcomes: Evidence from Three East Indian States" Centre for Development Economics Working Paper 247. <http://www.cdedse.org/pdf/work247.pdf>

Daniel O Gilligan, Neha Kumar, Scott McNiven, **J.V. Meenakshi** and Agnes Quisumbing (2014), "Bargaining Power and Biofortification: The Role of Gender in Adoption of Orange Sweetpotato in Uganda" IFPRI Discussion Paper 01353.

Rekha Sharma, **J.V. Meenakshi** and Sanghamitra Das (2012), "Understanding the Drivers of Nutritional Status of Children in Rural India" in K. Pushpangadan and V.N. Balasubramanyam, editors, *Growth, Development and Diversity: India's Record Since Liberalization*, Oxford University Press.

J.V. Meenakshi (2012), "Undernutrition" in Kaushik Basu and Annemie Maertens, editors, *The New Oxford Companion to Economics in India*, Oxford University Press.

J.V. Meenakshi (2009), "Cost-Effectiveness of Biofortification," Best Practice Paper, Copenhagen Consensus Center.

Matin Qaim, Alexander Stein and **J.V. Meenakshi** (2007), "Economics of Biofortification," in: Keijiro Otsuka and K Kalirajan, editors, *Contributions of Agricultural Economics to Critical Policy Issues*, Wiley-Blackwell (Malden). ISBN 978-1405181006. Reprinted from *Agricultural Economics*.

Alexander Stein, **J.V. Meenakshi**, Matin Qaim, Penelope Nestel, H.P.S. Sachdev and Zulfiqar Bhutta (2005), "Analyzing the Health Benefits of Biofortified Staple Crops by means of the Disability-Adjusted Life Years Approach: A Handbook Focusing on Iron, Zinc and Vitamin A," HarvestPlus Technical Monograph 4, Washington, D.C. and Cali.

J.V. Meenakshi and Brinda Vishwanathan (2005), "Calorie Deprivation in Rural India between 1983 and 1999/2000: Evidence from Unit Record Data," in: Angus Deaton and Valerie Kozel, editors, *The Great Indian Poverty Debate* (Macmillan). An earlier version of the paper appeared in *Economic and Political Weekly*.

Rekha Sharma and **J.V. Meenakshi** (2004), "Micronutrient Deficiencies in Rural Diets" in: M.S. Swaminathan and Pedro Medrano, editors, *Towards Hunger Free India: From Vision to Action*, East West Books (Madras) Pvt. Ltd.

Brinda Vishwanathan and **J.V. Meenakshi** (2006), "Changing Pattern of Undernutrition in India: An Analysis across Regions," UNU-WIDER Research Paper 2006/118.

Agricultural markets

Journal articles

Abhijit Banerji, Neha Gupta and **J.V. Meenakshi** (2013), "Auctions in Grain Markets and Farmer Welfare" *Economic and Political Weekly*, vol. XLVII (52).

Abhijit Banerji, **J.V. Meenakshi** and Gauri Khanna (2012), "Social Contracts, Markets and Efficiency: Groundwater Irrigation in North India" *Journal of Development Economics*, 98(2), pp.228-237. doi:10.1016/j.jdeveco.2011.07.005. An earlier version of the paper appeared as Abhijit Banerji, Gauri Khanna and **J.V. Meenakshi** (2010), "Social Contracts, Markets and Efficiency Groundwater Irrigation in North India," Centre for Development Economics Working Paper 183.

A. Banerji and **J.V. Meenakshi** (2008) "Millers, Commission Agents and Collusion in Grain Markets: Evidence from Basmati Auctions in North India," *The B.E. Journal of Economic Analysis and Policy (Contributions)*, 8(1) Article 4.
<http://www.bepress.com/bejeap/vol8/iss1/art4>

J.V. Meenakshi and A. Banerji (2005), "The Unsupportable Support Price: An Analysis of Collusion and Government Intervention in Paddy Auction Markets in North India," *Journal of Development Economics*, 76(2), pp. 377-403.

Abhijit Banerji and **J.V. Meenakshi** (2004), "Buyer Collusion and Efficiency of Government Intervention in Wheat Markets in Northern India: An Asymmetric Structural Auctions Analysis," *American Journal of Agricultural Economics*, 86(1), pp. 236-253.

Book chapters, monographs and working papers

J. V. Meenakshi, Abhijit Banerji, Aditi Mukherji and Anubhab Gupta (2013), "Does Marginal Cost Pricing of Electricity Affect Groundwater Pumping Behaviour of Farmers? Evidence from India. 3ie Impact Evaluation Report 4. International Initiative for Impact Evaluation.

J.V. Meenakshi and A. Banerji (2005), "Competition and Collusion in Grain Markets: Basmati Auctions in North India" in: Ajitava Raychaudhuri and Biswajit Chatterji, editors, *Growth Finance and Development*, Deep Publishers.

Food Demand

Journal articles

J.V. Meenakshi and Ranjan Ray (1999), "State-Level Food Demand in India: Some Evidence on Rank-Three Demand Systems," *Journal of Quantitative Economics*, 15(2), pp. 257-276.

J.V. Meenakshi and Ranjan Ray (1999), "Regional Differences in India's Food Expenditure Pattern: A Complete Demand Systems Approach," *Journal of International Development*, 11, pp. 47-74.

J.V. Meenakshi (1996), "How Important are Changes in Taste? A State-Level Analysis of Food Demand," *Economic and Political Weekly*, 31(50), pp. 3265-3269.

J.V. Meenakshi (1996), "Food Consumption Trends in India: Towards a Better Quality of Diet?" *Journal of the Indian School of Political Economy*.

Book chapters, monographs and working papers

J.V. Meenakshi and Ranjan Ray (2004), "State-Level Food Demand in India: Some Evidence on Rank-Three Demand Systems," in: V.N.Pandit and K. Krishnamurthy, editors, *Economic Policy Modeling for India* (Oxford University Press). An expanded version of this paper appeared in the *Journal of Quantitative Economics*.

J.V. Meenakshi (2001), "Regional Aspects of Food Consumption Behaviour" in: P.R. Brahmananda and V.R. Panchamukhi, editors, *Development Experiences in the Indian Economy: Inter-State Perspectives* (Bookwell, Delhi).

J.V. Meenakshi (2001), "The Public Distribution System in the Context of Changing Food Consumption Trends: A Review of the Evidence" 2001: Report prepared as background paper for the Planning Commission.

J.V. Meenakshi (2000), "Food Consumption Trends in India: A Regional Analysis" in: N. Krishnaji and T.N. Krishnan, editors, *Public Support for Food Security: The Public Distribution System in India*, (Sage Publications)

Social Exclusion

Journal articles

J.V. Meenakshi (2004), editor, *Women in Agriculture and Rural Development: Supplement to the Indian Journal of Agricultural Economics* 59.

J.V. Meenakshi and Jaivir Singh (2004), "Understanding the Feminisation of Agricultural Labour" *Supplement to the Indian Journal of Agricultural Economics*, 59.

J.V. Meenakshi and Ranjan Ray (2002), "Impact of Household Size, Family Composition and Socio-Economic Characteristics on Poverty in Rural India" *Journal of Policy Modeling*, 24, pp. 539-59.

J.V. Meenakshi, Ranjan Ray and Souvik Gupta (2000), "Some Estimates of Poverty for Scheduled Caste, Scheduled Tribe and Female Headed Households" *Economic and Political Weekly*, pp. 2748-2754.

Book chapters, monographs and working papers

J.V. Meenakshi and Ranjan Ray (2003), "How have the Disadvantaged Fared in India after the Economic Reforms?" in: Kishor Sharma, editor, *Trade Policy, Growth and Poverty in Asian Developing Countries*, Routledge.