

CURRICULUM VITAE

J.V. Meenakshi

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EDUCATION:

PhD, Cornell University, 1991, Agricultural Economics
Minors in (a) Quantitative Methods and (b) Statistics and Biometry
MS, Cornell University, 1986, Agricultural Economics
BA, *summa cum laude*, University of Maryland, 1982, Economics.

EMPLOYMENT:

July 2023- present Professor, Indraprastha Institute of Information Technology, Delhi
2008- Jan 2023 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 Research Associate and Lecturer, Department of Economics, Delhi School of Economics,
University of Delhi, Delhi.
1991-1992 Visiting Scholar, Centre for Development Studies, Thiruvananthapuram.

RESEARCH AREAS:

Food, Nutrition and Health
Agriculture, Markets, and Price Policy
Irrigation, Water and Pricing

TEACHING:

Agriculture, Food and Nutrition Policy in India
Econometrics
Impact Evaluation and Causal Inference

MEMBERSHIP OF COMMITTEES:

Jan 2024 - present Member, Advisory Board, AgEcon Search
Jun 2017 - Jan 2019 Member, National Statistical Commission
Ministry of Statistics and Programme Implementation
Jul 2017 - Apr 2021 Member, Standing Panel on Impact Assessment
International Science and Partnership Council, CGIAR
2015 - present Member, Technical Committee on Cost of Living Indices
Ministry of Statistics and Programme Implementation

JOURNAL EDITORSHIP:

Co-editor, *Food Policy* [2021-present]
Associate Editor, *Indian Economic Review* [2020-2023]
Associate Editor, *Agricultural Economics* [2015-2021]

SELECTED RECENT PUBLICATIONS:

- Deepak Varshney and J.V. Meenakshi (2023), “Impact of an Emergency Assistance Package for Covid-19 Displaced Migrants: the GKRA in India,” *Applied Economics Perspectives and Policy*.
- Deepti Goel, J.V. Meenakshi and Zaeen de Souza (2022), “Did the Nation-Wide Implementation of e-FMS in MGNREGS Result in Reduced Expenditures? A Re-Examination of the Evidence,” IZA Discussion Paper 15484, under review.
- Jaya Jumrani and J.V. Meenakshi (2022), “A Fat Subsidy and its Impact on Edible Oil Consumption: Evidence from India,” *Journal of Agricultural Economics*.
- Sangeeta Bansal, Brinda Viswanathan and J.V. Meenakshi (2022), “Do Gender Differences in Research Performance Explain the Leaky Pipeline in Indian Academia? Some Evidence on Agricultural and Applied Economics,” *Agricultural Economics*.
- K.L. Krishna and J.V. Meenakshi (2022), “Agricultural Productivity Growth and Structural Transformation in Rural India: Some Recent Evidence,” *Journal of Quantitative Economics*.
- Claudia Ringler, Mure Agbonlahor, Jennie Baron, Kaleab Baye, J. V. Meenakshi, Dawit Mekonnen and Stefan Uhlenbrook (2022), “The Role of Water in Transforming Food Systems,” prepared for the United Nations Food Systems Summit 2021, *Global Food Security*.
- J.V. Meenakshi, Nancy Johnson and Mina Karasalo (2021), “Designing Quasi-Experimental Impact Studies of Agricultural Research at Scale,” CGIAR Standing Panel on Impact Assessment Technical Note 10.
- Deepak Varshney, Devesh Roy and J.V. Meenakshi (2020), “The Impact of COVID-19 on Agricultural Markets: Assessing the Roles of Commodity Characteristics, Disease Caseload and Market Reforms,” *Indian Economic Review*.
- Daniel O Gilligan, Neha Kumar, Scott McNiven, J.V. Meenakshi and Agnes Quisimbing (2020), “Bargaining Power, Decision Making and Biofortification: the Role of Gender in Adoption of Orange Sweet Potato in Uganda,” *Food Policy*.
- Nitya Mittal and J.V. Meenakshi (2018), “Does the ICDS Improve the Quantity and Quality of Children’s Diets? Some Evidence from Rural Bihar,” *Journal of Development Studies*.
- 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*.
- Deepak Varshney, Deepti Goel and J.V. Meenakshi, (2018) “The Impact of MGNREGA on Agricultural Outcomes and the Rural Labour Market: A Matched DID Approach,” *The Indian Journal of Labour Economics*.
- Archana Dang and J.V. Meenakshi (2018), “The Nutrition Transition and the Intra-Household Double Burden of Malnutrition in India,” in Matthias Helble and Azusa Sato, editors, *Wealthy but Unhealthy: Overweight and Obesity in Asia and the Pacific: Trends, Costs and Policies for Better Health*, Asian Development Bank Institute, Tokyo.
- 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*.

LIST OF PUBLICATIONS, BY RESEARCH AREA AND TYPE

1. Food, Nutrition and Health

Journals

- Jaya Jumrani and J.V. Meenakshi (2022), “A Fat Subsidy and its Impact on Edible Oil Consumption: Evidence from India,” *Journal of Agricultural Economics*.
- Lele, Uma, Sangeeta Bansal, and J. V. Meenakshi (2020). “Health and Nutrition of India’s Labour Force and COVID-19 Challenges,” *Economic and Political Weekly*, 55(21).
- Daniel O Gilligan, Neha Kumar, Scott McNiven, J.V. Meenakshi and Agnes Quisimbing (2020), “Bargaining Power, Decision Making and Biofortification: the Role of Gender in Adoption of Orange Sweet Potato in Uganda,” *Food Policy*.
- Nitya Mittal and J.V. Meenakshi (2018), “Does the ICDS Improve the Quantity and Quality of Children’s Diets? Some Evidence from Rural Bihar” *Journal of Development Studies*.
- 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*.
- 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*.
- J.V. Meenakshi (2016), “Trends and Patterns in the Triple Burden of Malnutrition in India” *Agricultural Economics*, 47, pp. 115-134.
- 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.
- 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.
- 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 and 3), 85th issue, pp. 9-47.
- 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 and monographs

- Archana Dang and J.V. Meenakshi (2018), “The Nutrition Transition and the Intra-Household Double Burden of Malnutrition in India” in Matthias Helble and Azusa Sato, editors, *Wealthy but Unhealthy: Overweight and Obesity in Asia and the Pacific: Trends, Costs and Policies for Better Health*, Asian Development Bank Institute , 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.
<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>

- 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.
- 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 (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)

2. Agriculture, Markets, and Price Policy

Journals

- K.L. Krishna and J.V. Meenakshi (2022), “Agricultural Productivity Growth and Structural Transformation in Rural India: Some Recent Evidence” *Journal of Quantitative Economics*.
- Deepak Varshney, Devesh Roy and J.V. Meenakshi (2020), “The Impact of COVID-19 on Agricultural Markets: Assessing the Roles of Commodity Characteristics, Disease Caseload and Market Reforms” *Indian Economic Review*.
- Deepak Varshney, Deepti Goel and J.V. Meenakshi, (2018) “The Impact of MGNREGA on Agricultural Outcomes and the Rural Labour Market: A Matched DID Approach” *The Indian Journal of Labour Economics*, 61: 589-621.
- Abhijit Banerji, Neha Gupta and J.V. Meenakshi (2013), “Auctions in Grain Markets and Farmer Welfare” *Economic and Political Weekly*, vol. XLVII (52).
- 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.
- 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 and monographs

- J.V. Meenakshi, Nancy Johnson and Mina Karasalo (2021), “Designing Quasi-Experimental Impact Studies of Agricultural Research at Scale,” CGIAR Standing Panel on Impact Assessment Technical Note 10.
- 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.

3. Irrigation and Water Pricing

Journals

- Ringler, Claudia, Mure Agbonlahor, Jennie Baron, Kaleab Baye, J. V. Meenakshi, Dawit Mekonnen and Stefan Uhlenbrook (2022), “The Role of Water in Transforming Food Systems,” prepared for the United Nations Food Systems Summit 2021, *Global Food Security*.
- 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.

Book chapters and monographs

- 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.

4. Other

Journals

- Sangeeta Bansal, Brinda Viswanathan and J.V. Meenakshi (2022), “Do Gender Differences in Research Performance explain the Leaky Pipeline in Indian Academia? Some Evidence on Agricultural and Applied Economics,” *Agricultural Economics*.
- Deepti Goel, J.V. Meenakshi and Zaeen de Souza (2022), “Did the Nation-Wide Implementation of e-FMS in MGNREGS Result in Reduced Expenditures? A Re-Examination of the Evidence” IZA Discussion Paper 15484. Under review.
- 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 and monographs

- 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.
- 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.