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## **EDUCATION**

Ph.D. Economics, University of Maryland at College Park, July 2004  
M.A. Economics, Delhi School of Economics, Delhi, India, 1997  
B.A. Economics, University of Delhi, Delhi, India, 1995

## **DISSERTATION**

*Standards as Protection Devices: The Role of National Treatment*  
Committee Chair: Professor Arvind Panagariya

## **FIELDS OF SPECIALIZATION**

Primary: International Trade, Industrial Organization, Development Economics  
Secondary: Applied Econometrics, Economic Growth

## **PUBLICATIONS AND PAPERS (PEER REVIEWED)**

“Trade protection and tax evasion: evidence from Kenya, Mauritius and Nigeria” (with Antoine Bouet). *Forthcoming*. Journal of International Trade and Economic Development

“Trade Liberalization and Food Security in Nepal.” (joint with Bishambher Pyakuryal and Y B Thapa). 2010- Food Policy 35(1): 20-31.

“People’s preference for safe food: A choice experiment in low income neighborhood in India” (joint with Ekin Birol, Katharina Deffner and Bhushana Karandikar) *forthcoming* in Bennett, J.W. and E. Birol (Eds.). *Choice Experiments in Developing Countries: Implementation, Challenges and Policy Implications*. Edward-Elgar Publishing, Cheltenham, UK.

The Structure of the Indian Food Processing Industry: Have Reforms Made a Difference? (joint with Adi Bhavani and Ashok Gulati). *Forthcoming as a book chapter in a IFPRI book*

The Role of Public-Private Partnerships and Collective Action in Ensuring Smallholder Participation in High Value Fruit and Vegetable Supply Chains. 2007. (joint with Clare Narrod, Karl Rich, Julius Okello, Belem Avendano and Amit Thorat). CAPRI Working Paper number 71. [Food Policy](#), 2009, vol. 34, issue 1, pages 8-15

Impact of International Food Safety Standards on Smallholders: Evidence from Three Cases (joint with Clare Narrod, Julius Okello and Belem Avendano) 2008. Published in “The Transformation of Agrifood Systems: Globalization, Supply Chains, and Smallholder Farmers” edited *Ellen McCullough, Prabhu Pingali, and Kostas Stamoulis*. FAO, Rome.

“National treatment and Optimal Regulation of Environmental Externality” (joint with Sumeet Gulati). 2008. – *Canadian Journal of Economics*, vol. 41(4), pages 1445-1471, November.

Success for small farmers in high value export markets. The case of Mahagrapes Farmers. (joint with Amit Thorat). 2008. *World Development*. Volume 10. Issue 36. October. Pages 1874-1890.

"How Standards Drive Taxes: The Political Economy of Tailpipe Pollution." 2006. (joint with Sumeet Gulati). *The B.E. Journal of Economic Analysis & Policy*: Vol. 7 : Iss. 1 (Topics), Article 9,

From Agriculture to Nutrition: Pathways, Synergies and Outcomes. 2006. Chapter 5. Agriculture and Rural Development Department. The World Bank. Washington DC.

“Who Can Explain The Mauritian Miracle: Meade, Romer, Sachs or Rodrik?”, IMF Working Paper, June 2001, published in "Searching for prosperity" edited by Dani Rodrik, Princeton University Press, 2003 (joint with Arvind Subramanian).

“The African Growth and Opportunity Act: Generosity Undermined”, IMF Working Paper, August 2002, published in World Economy, June 2003(joint with A Subramanian and A Mattoo). (Reprinted as a chapter in the book titled “The Impact of Preferential Rules of Origin in the Textile and Clothing Sectors in Africa” ed. Roman Gryberg, published by Commonwealth Secretariat

Food Safety Research Priorities for the CGIAR – A Note from IFPRI for the Science Council (joint with Clare Narrod, Ashok Gulati, Nick Minot and Christopher Delgado).

### **BOOK MANUSCRIPT 1 – PEER REVIEWED (FORTHCOMING )**

“Liberalizing Foodgrains markets: Experiences, Impacts and Lessons from South Asia (joint co-edited with A Ganesh Kumar and Ashok Gulati.

Chapters in the Book

- (i) Trade Liberalization and Food Security in Nepal (joint with Bishwambher Pyakuryal and Y B Thapa)
- (ii) Liberalization and Food Security in Bangladesh: How the Government and the Markets Delivered? (joint with Nuimuddin Chowdhury and Nasir Farid)
- (iii) Trade Liberalization and Food Security in South Asia: Analytical Framework and Synthesis. (Joint with Ashok Gulati and Ganesh Kumar)
- (iv) Trade Liberalization and Food Security in South Asia: An Introduction(Joint with Ashok Gulati and Ganesh Kumar)
- (v) Trade Liberalization and Food Security in South Asia: The Way Forward(Joint with Ashok Gulati and Ganesh Kumar)

### **REVISE AND RESUBMIT**

Gulati, Sumeet and Devesh Roy, (June 2007) "[Free Trade and the Greening of Domestic Industry](#),” Food and Resource Economics Working Paper, University of British Columbia. *Revise and resubmit –Canadian Journal of Economics*

### **PAPERS UNDER SUBMISSION**

Small farmers in coordinated high value chains in India: Winner takes all or all are winners (joint with Subhasish Gangopadhyay)-*Under submission*

Diversification in Indian Agriculture towards High-Value Crops: The Role of Smallholders. IFPRI Discussion Paper number 727. (Joint with Pratap Birthal, P K Joshi and Amit Thorat) *Under Submission*

Determinants of Social Attitudes in American Communities: An Explanation through Varieties of Socializing Interactions (joint with Abdul Munasib). *Under submission*

### ***Working and Discussion Papers***

Food Safety Requirements in African Green Bean Exports and Their Impact on Small Farmers. IFPRI Discussion Paper number 737. (Joint with Clare Narrod and Julius Okello)

Liberalization and Food Security in Bangladesh: How the Government and the Markets Delivered? MTID Discussion Paper Number 92. IFPRI. March 2006.

Why did Dairy Cooperatives Scale up in India: Explaining the Demand Side through a Case Study of Milkfed Punjab. (joint with Kanupriya Gupta). *mimeo*

Does Africa Trade Less than it should and Why? The Role of Market Access and Domestic Factors (joint with Antoine Bouet and Santosh Mishra). IFPRI Discussion Paper number 770.

Ex ante assessment of the effect of animal disease outbreak on livelihoods: An application to the case of HPAI in Kenya (joint with Ekin Birol, Lydia Ndirangu and Yorbol Yakshilikov)

Investigating the role of poultry in Livelihoods and the Impact of HPAI in Ethiopia. Working paper number 12, HPAI project (joint with Gezahegn Ayele, Dorene Asare Marfo, Ekin Birol)

Impact of a Potential Avian Flu outbreak in Ethiopia. A multi-market model analysis. Working paper number 13. HPAI project (joint with Marcelle Thomas, Xinshen Diao)

Assessing the impact of HPAI outbreak on Ghana, A multi-market model analysis (joint with Christoph Schmitz).

Methodologies to assess the effect of HPAI outbreak in Ghana. Working paper HPAI project.

Assessment of mycotoxins regulations on international trade flows in maize and groundnut –(joint with Abdul Munasib)*mimeo*

How safe is my food – Assessing the effect of credible information on the demand for food safety: (joint with Ekin Birol and Maximo Torero)*mimeo*

Avian Flu and nutrition in Kenya (joint with Lora Iannotti)*mimeo*

#### **POLICY BRIEFS**

The Marginalization of Africa in World Trade (joint with Saswati Bora and Antoine Bouet). IFPRI Research Brief Number 7. 2007.

The way forward in Doha round – Brief – George Mason University

#### **BOOK REVIEWS**

Review of “Asia’s New Institutional Architecture. (ed. Aggarwal and Koo).” *American Journal of Agricultural Economics*. (forthcoming)

#### **BOOK MANUSCRIPT 2 (FORTHCOMING )**

Policies, Shocks and the recent Food Crisis: A Market Analysis of the Maize and Poultry Sector in Ghana (joint with Christoph Schmitz and Nico Herrink) published by VDM Verlag Dr. Müller (6 January 2010)

#### **WORK IN PROGRESS**

Identifying thresholds and non-linearities in returns from infrastructure: A non-parametric analysis (joint with Santosh Mishra)

Who is more corrupt, India or China –Evidence from tariff evasion

Lobbying for environmental protection: Do bigger polluters lobby more (joint with Sumeet Gulati and Prachi Mishra)

New specifications for gravity model of trade (joint with Carlos Martins Filho, David Laborde and Antoine Bouet)

Empirical assessment of financial crisis on trade flows (joint with David Laborde)

Effect of binding and binding over hang on trade (joint with David Laborde)

Trust and trade: Assessing the effect of values on trade flows (joint with Abdul Munasib)

### **MEDIA PUBLICATIONS**

Why is Africa marginalized in World Trade (joint with Antoine Bouet and Santosh Mishra). *Telos*. France. October 22, 2007.

Trade, not aid, is what Africa needs – *Financial Express India*, March 23, 2005

Nepal: Setting Liberalization Straight – *Kantipur Online*, Nepal, November 23, 2005

Liberalization in Nepal: Bridging the geographical Hierarchy, *Trade Insights, SAWTEE Nepal*, volume 1, Number 4, 2005

Liberalization and Food Security in Bangladesh: How the Government and the Markets Delivered? *Trade Insights, SAWTEE Nepal*, volume 2, Number 1, 2006

Liberalization and food security in Nepal (joint with Bishwambher Pyakuryal and Y B Thapa) – *Himalyan Times*, November 2, 2005

Smallholder Compliance with International Food Safety Standards is not a Fantasy (joint with Clare Narrod and Julius Juma Okello). *Fresh Perspectives* 15. Available at [http://www.agrifoodstandards.net/en/resources/global/fresh\\_perspectives\\_15\\_smallholder\\_compliance\\_with\\_international\\_food\\_safety\\_standards\\_is\\_not\\_a\\_fantasy](http://www.agrifoodstandards.net/en/resources/global/fresh_perspectives_15_smallholder_compliance_with_international_food_safety_standards_is_not_a_fantasy)

Covered in Can rising food prices deter India's growth? – Reuters (October 2009)

### **CONFERENCES AND SEMINAR PRESENTATIONS (SELECTED ONES)**

Is National Treatment of Product Standards Optimal? World Bank July 2004

Free Trade and the Greening of the Domestic Industry? July 2005 – EAERE, Bremen Germany – (Presented by co-author)

Free Trade and the Greening of the Domestic Industry? June 2005 – University of British Columbia (Presented by co-author)

Free Trade and the Greening of the Domestic Industry? UNCTEE 2005, 3<sup>rd</sup> Annual University of California Trade and Environmental Economics Workshop, March 12, 2005, (Presented by co-author)

Is National Treatment of Product Standards Optimal? - Western Economic Association Meetings, 2006 (Accepted)

Is National Treatment of Product Standards Optimal? - CEA 40th Annual Meetings, May 26, 2006, Concordia University, Montréal (Québec) (Presented by co-author)

Trade Liberalization and Food Security in Nepal – International Workshop on Trade Liberalization and Food Security in South Asia – June 2006 , New Delhi

Trade Liberalization and Food Security in South Asia: Analytical Framework and Synthesis— International Workshop on Trade Liberalization and Food Security in South Asia – June 2006, New Delhi (Presented by co-author)

Liberalization and Food Security in Bangladesh: How the Government and the Markets Delivered? International Workshop on Trade Liberalization and Food Security in South Asia – June 2006, New Delhi (Presented by co-author)

Review and Critique of Research in the Regoverning Markets Workshop – June 2006. Regoverning Markets Meeting. Indian Institute of Management. Ahmedabad.

The Gains to Farmers from Vertical Coordination in High Value Commodities. Conference – From Plate to Plough: Diversification in Indian Agriculture and its Implications for smallholders. September 2006. New Delhi

Determinants of Social Attitudes in American Communities: An Explanation through Varieties of Socializing Interactions. October 2006, Southern Economic Association Meetings. Charleston

The Role of Public-Private Partnerships and Collective Action in Ensuring Smallholder Participation in High Value Fruit and Vegetable Supply Chains. October 2006. CAPRI Conference. Cali. Colombia.

Determinants of Social Attitudes in American Communities: An Explanation through Varieties of Socializing Interactions. July 2007, Western Economic Association Meetings, Seattle

Panel Discussion on Doha round – George Mason University. April 2008.

Does Africa Trade Less than it Should and Why?. June 2008. Canadian Economics Association Meetings. Vancouver.

Does Africa Trade Less than it Should and Why? June 2008. GTAP Annual Conference. Helsinki. (Presented by co-author).

## **OTHER PUBLICATIONS**

Fresh Perspectives 15 - Smallholder compliance with international food safety standards is not a fantasy, April 10,2008; (Julius Okello, Clare Narrod, Devesh Roy)  
[http://www.agrifoodstandards.net/en/global/fresh\\_perspectives.html](http://www.agrifoodstandards.net/en/global/fresh_perspectives.html); also in an IIED-NRI book

### **PROJECTS COMPLETED AT IFPRI**

1. Trade Liberalization and Food Security in South Asia – Five country Studies
2. Impact of High Value Agriculture and Modern Marketing Channels on Poverty: An Analytical Framework (joint with Nicholas Minot)
3. From Plate to Plough: Diversification in Indian Agriculture and the Implications for the Smallholders
4. The Changing Context of Agriculture Nutrition Linkages (joint with Food, Consumption and Nutrition Division of IFPRI).
5. Best practices in Compensation for Control of Avian Influenza (Joint with FAO and World Bank).
6. Analysis of maize supply chain in Malawi (Project for the Bill and Melinda Gates Foundation)
7. Analysis of Trade in Comesa Countries in Africa

### **PROJECTS UNDER PROGRESS AT IFPRI**

- (1). Pro-poor Strategies for HPAI control
- (2). Risk reduction from mycotoxins contamination in two countries in Africa
- (3) Impact evaluation of dairy supply chain development in Bangladesh
- (4) Varietal choice in pearl millet, wheat, cassava, beans in south Asia and sub-Saharan Africa.
- (5) Assessment of livestock's role in poverty reduction

### **STUDENT SUPERVISION**

Eddie Sarpong (Cambridge University, UK), Katharina Deffner (Germany).

### **REFEREE EXPERIENCE**

Food Policy, World Development, Food Security, BE Journal and IFPRI Discussion Paper Series

### **RESEARCH/WORK EXPERIENCE**

*Research Fellow, International Food Policy Research Institute, Washington DC, 2006, July 2007 onwards*

*Post Doctoral Fellow, International Food Policy Research Institute, Washington DC, 2006, October 2004 to June 2007*

*Research Assistant at the International Monetary Fund, Washington D.C., Spring 2001*

Research Assistant to Dr. Arvind Subramanian; work on the growth experience of Africa with emphasis on Mauritius. Assessment of the African Growth and Opportunity Act 2000, quantification of the impact owing to the rules of origin."

*Summer Intern at the World Bank, Washington D.C., Summer 2000*

Research Assistant to Dr. Ashoka Mody, worked on the Global Economic Prospects (GEP) chapter on Global Public Goods.

*Research Assistant to Dr. Allan Drazen, University of Maryland, Summer 1999*

Assisted Dr. Allan Drazen on his book, "Political Economy in Macroeconomics"

*Lecturer, Ramjas College, Delhi University. August 1997- May 1998*

*Senior Research Associate, Indian Statistical Institute, Delhi, Summer 1998*

Worked with Dr. Dipankar Dasgupta on "Test of Growth Convergence among Indian States"

### **AWARDS**

Graduate Assistantship, University of Maryland, Fall 2000 onwards

Graduate Fellowship, University of Maryland, Fall 1998- Spring 2000

Merit Scholarship, Delhi School of Economics, 1996

Professor Balbir and Ranjana Memorial Scholarship, Delhi School of Economics, 1997  
Anuj Mehta Award for the Best Outgoing Student, Ramjas College, Delhi University, 1995

**MEMEBERSHIPS**

American Agricultural Economics Association, Canadian Economics Association, American Economics Association and member of Publications Review Committee at IFPRI.