

## CAESAR B. CORORATON

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### Education

- Ph.D. Economics, Clark University, Worcester, Massachusetts, USA, 1990
- M.A. Economics, University of the Philippines, 1985
- M.S. Industrial Economics, University of Asia and the Pacific, Philippines, 1982
- B.S. Management Engineering, Ateneo de Davao University, Philippines, 1979

### Employment/Work History

- Senior Research Fellow, Virginia Polytechnic Institute and State University (Institute of Society, Culture and Environment/Global Issues Initiative). 900 N Glebe Road, Arlington Virginia, Virginia USA 22203. April 2008 – present
- Consultant, World Bank, Washington, DC, USA, various projects since 2004
- Research Fellow, International Food Policy Research Institute (IFPRI). 2033 K St, Washington, DC, USA 20006. January 2005 – April 2008
- Senior Research Fellow, Philippine Institute for Development Studies. NEDA sa Makati Building, 106 Amorsolo Street, Legaspi Village, Makati City, Philippines 1229. May 1993 – December 2005
- Assistant Project Director, Micro Impact of Macro Adjustment Policies, Philippines (MIMAP), which is now called the Partnership for Economic (PEP) Research Network, Philippines. February 1993 – November 2000
- Senior Economist, University of Asia and the Pacific, Pearl Drive, Ortigas Commercial Complex, Pasig City, Philippines 1600. January 1990 – December 1992

### Visiting Professorship/Fellowship

De La Salle University, Manila, Philippines. August-December 2015

Asian Development Bank Institute, Tokyo, Japan; December, 2003 – May 2004

Laval University, Quebec, Canada; September – November, 2003

Japan Institute of International Affairs, Tokyo, Japan; October, 2000 – March, 2001

### Published papers in 2009-2015

Cororaton, C. B. and D. Orden. “Pakistan” reprinted in *Trade-Related Agricultural Policy Analysis* (D. Orden, editor). Singapore: World Scientific Publishing Co., 2015 (originally published in *Agricultural Price Distortions, Inequality and Poverty* (K. Anderson, J. Cockburn and W. Martin, editors), 2010).

Cororaton B. C., and G. Timilsina. 2014. “Biofuels and Poverty”, Chapter 6 in *The Impacts of Biofuels on the Economy, Environment and Poverty: A Global Perspective*. Govinda Timilsina and David Zilberman (Eds). New York: Springer. Pp. 79-89.

Cororaton, C. B. 2013. “The Effects of Tariff Reduction in the Philippines-Japan Bilateral Agreement” Chapter 2 in *Strengthening the Foundation for Regional Cooperation and Economic*

*Integration* (Erlinda Medalla, editor). Manila, Philippines: Philippine Institute for Development Studies. pp. 31-42.

Cororaton, C. B. and E. Peterson. 2012. "Potential of Regional and Seasonal Requirements in US Regulation of Fresh Lemon Imports". *The World Economy*. DOI: 10.1111/j.1467-9701.2012.01460.x. pp.1022-1036.

Cororaton, C. B. 2011. "The Philippines" in *WTO Disciplines on Agricultural Support: Seeking a Fair Basis for Trade* (David Orden, David Blandford and Tim Josling, editors). Cambridge (UK): Cambridge University Press. pp. 353-387.

Cockburn, J., E. Corong, and C.B. Cororaton. 2010. "Integrated Computable General Equilibrium (CGE) Micro-simulation Approach". *International Journal of Microsimulation*. 3(1): 60-71.

Munir, A., C.B. Cororaton, A. Qayyum, M. Iqbal, and P. Dorosh. 2010. "Impact of Domestic Agricultural Trade Liberalization and Market Reform Policies on Food Security in Pakistan" in *Liberalizing Foodgrains Markets: Experiences, Impact, and Lessons from South Asia*. (A. Ganesh-Kumar, Devesh Roy, and Ashok Gulati, editors). India: Oxford University Press; and Washington DC: IFPRI. pp. 119-149.

Cororaton, C.B., and D. Orden. 2010. "Poverty Implications of Agricultural and Non-Agricultural Price Distortions in Pakistan" in *Agricultural Price Distortions, Inequality, and Poverty*. (Kym Anderson, John Cockburn and Will Martin, editors). Washington DC: World Bank. pp. 209-246.

Cororaton, C. B., E. Corong, and J. Cockburn. 2010. "Agricultural and Non-Agricultural Price Distortions in the Philippines: Implications on Poverty" in *Agricultural Price Distortions, Inequality, and Poverty*. (Kym Anderson, John Cockburn and Will Martin, editors). Washington DC: World Bank. pp. 247-282.

Cororaton, C. B., and E. Corong. 2009. *Philippine Agricultural and Food Policies: Implications on Poverty and Income Distribution*. International Food Policy Research Institute (IFPRI) Research Report No. 161. Washington DC: IFPRI.

### **Completed Papers in 2009-2015**

Cororaton, C. 2015. Potential Effects of the Regional Comprehensive Economic Partnership (RCEP) on the Philippine Economy. Philippine Institute for Development Studies Discussion Paper Series. Forthcoming

Cororaton, C. 2015. Gravity-Border Effect Estimates of Non-Tariff Barriers in the Association of South East Asian Nations (ASEAN) and in the Regional Comprehensive Economic Partnership (RCEP). Philippine Institute for Development Studies Discussion Paper Series. Forthcoming.

Cororaton, C., A. Inocencio, M. Tiongco, A. Manalang. 2015. "Assessing the Potential Economic and Poverty Effects of the National Greening Program". Philippine Institute for Development Studies Discussion Paper Series. Forthcoming

Cororaton, C. B. 2014. “Potential Economic Effects on the Philippines of the Trans-Pacific Partnership (TPP)” Global Issues Initiative (GII)/Institute for Society, Culture and Environment, Virginia Polytechnic Institute and State University. GII Working Paper No. 2014-1.

Cororaton, C. B. and D. Knight. 2014. “The Impact of Exogenous Shocks on Households in the Pacific: A Micro-simulation Analysis”. World Bank Policy Research Working Paper No. WPS7046.

Cororaton, C. B. 2013. “Economic Impact Analysis of the Reduction in Sugar Tariffs under the ASEAN Trade in Goods Agreement: The Case of the Philippine Sugar Sector”. Global Issues Initiative (GII)/Institute for Society, Culture and Environment, Virginia Polytechnic Institute and State University. GII Working Paper No. 2013-1.

Cororaton, C. B., and E. Corong. 2013. “Analysis of the Economic Effects of the Philippine-Chinese-Taipei Economic Cooperation Agreement (PH-ROC ECA)”. A paper submitted the Philippine Institute for Development Studies.

Cororaton, C. B., R. Clarete, and M. Sharma. 2013. “Impact of Alternative Philippine Rice Policies on Poverty and Income Distribution”. A paper submitted to the World Bank.

Cororaton, C.B. and G.R. Timilsina, 2012. “Impacts of Large Scale Expansion of Biofuels on Global Poverty and Income Distribution”. Article available online: June 2012.

Cororaton, C. B., D. Orden and E. Peterson. 2012. “Economic Impact of Potential US Regulatory Decisions Concerning Fresh Beef Imports from South America”. A paper submitted to the United States Department of Agriculture/Animal and Plant Health Inspection Service (USDA/APHIS).

Cororaton, C. B., and E. Corong. 2012. “Analysis of the Economic Effects of the Philippine-European Union Free Trade Agreement (RP-EU FTA)”. A paper submitted the Philippine Institute for Development Studies.

Cororaton, C. B., D. Orden and E. Peterson. 2011. “Economic Impact on the EU Fresh Lemon Market of Potential U.S. Regulatory Decisions Concerning Imports from Argentina”. GII Working Paper No. 2011-2. Virginia Tech, Global Issues Initiative, Institute for Society, Culture and Environment.

Cororaton, C. B., D. Orden and E. Peterson. 2009. “A Review of Literature on the Economics of Invasive Species”. GII Working Paper No. 2009-1. Virginia Tech, Global Issues Initiative, Institute for Society, Culture and Environment.

Cororaton, C. B., and D. Orden. 2009. “Poverty Implications of Agricultural and Non-Agricultural Price Distortions in Pakistan”. Agricultural Distortions Working Paper 100. World Bank (June).

Cororaton, C. B., E. Corong and J. Cockburn. 2009. “Poverty Implications of Agricultural and Non-Agricultural Price Distortions in the Philippines”. Agricultural Distortions Working Paper 101. World Bank (June).

## **Earlier Publications**

Cororaton, C. B., and D. Orden. 2008. “Pakistan’s Cotton and Textile Economy: Intersectoral Linkages and Effects on Rural and Urban Poverty”. International Food Policy Research Institute (IFPRI) Research Report No. 158. Washington DC: IFPRI.

Cororaton, C.B. 2008. “The Impact of Trade Reform in the 1990s on Welfare and Poverty in the Philippines” in *Trade Liberalization and Poverty: A CGE Analysis of the 1990s Experience in Africa and Asia*. (John Cockburn, Bernard Decaluwé and Véronique Robichaud, editors). Poverty and Economic Policy (PEP) Research Network. Canada: PEP. pp. 345-374.

Cockburn, J., E. Corong, and C.B. Cororaton. 2008. “Poverty Effects of the Philippines' Tariff Reduction Program: Insights from a Computable General Equilibrium Analysis”. *Asian Economic Journal* 2(3): 289-319.

Cororaton, C.B., and J. Cockburn. 2007. “Trade reform and poverty - Lessons from the Philippines: A CGE-microsimulation analysis”. *Journal of Policy Modeling* 29(1): 141-163.

Cororaton, C.B., E. Corong, G. Sugiyarto, and E. R. Suan. 2007. “Trade Liberalization in the Philippines: The Need for Further Reform” in *Poverty Impact Analysis: Selected Tools and Applications*. (Guntur Sugiyarto, editor). Manila, Philippines: Asian Development Bank. pp. 311-354.

Cororaton, C. B. and J. Cockburn. 2006. “WTO, Trade Liberalization, and Rural Poverty in the Philippines: Is Rice Special”. *Review of Agricultural Economics* 28(3): 370-377.

Cororaton, C. B., J. Cockburn, and E. Corong. 2006. “Doha Scenarios, Trade Reforms, and Poverty in the Philippines: A CGE Analysis” in *Poverty and the WTO: Impacts of the Doha Development Agenda*. (Thomas Hertel and L. Alan Winters, editors). New York: Palgrave Macmillan, and Washington, D.C.: The World Bank. pp. 375-402.

Cororaton, C. B. 2006. “Rice Reforms and Poverty in the Philippines” in *Poverty Strategy in Asia*. (John Weiss and Hiader Khan, editors). Tokyo, Japan: Asian Development Bank Institute Tokyo, and Cheltenham: Edward Elgar. pp. 90-123.

Cororaton, C. B. 2005. “Total Factor Productivity Growth in the Philippines: 1960-2000”. *Asian Development Review* 22(1): 97-113.

Cororaton, C. B. 2005. “Rice Reforms and Poverty in the Philippines: A CGE Analysis”. *ADB Research Paper* No. 57. Tokyo, Japan: Asian Development Bank Institute.

Cororaton, C. B. 2004. “Analysing the Impact of Trade Reforms on Welfare and Income Distribution Using a CGE Framework: The Case of the Philippines”. *Philippine Journal of Development* 31(1): 25-64.

Cororaton, C. B. 2004. *Research and Development and Technology in the Philippines*. Manila, Philippines: Philippine Institute for Development Studies.

- Cororaton, C. B. 2004. "Total Factor Productivity in the Philippines" in *Total Factor Productivity: Survey Report*. Tokyo, Japan: Asian Productivity Organization. pp. 255-279.
- Lamberte, M. B., A. Orbeta, C. B. Cororaton, and M. Austria. 2003. "Philippines' Strategy for Upgrading Industry" in *ASEAN-Japan Competitive Strategy*. Tokyo, Japan: Institute of Developing Economies.
- Cororaton, C. B. 2004. "Can the Poor Benefit from the Removal of QR on Rice?" *PIDS Policy Notes 2004-04*. Manila, Philippines: Philippine Institute for Development Studies
- Cororaton, C. B. 2003. "Who Benefits for the Tariff Reforms?" *PIDS Policy Notes 2003-11*. Manila, Philippines: Philippine Institute for Development Studies.
- Cororaton, C. B. 2002. "Technological Innovations in Japan and S&T Experiences in the Philippines: Drawing Policy Lessons for the Philippines". *PIDS Research Paper Series No. 2002-04*. Manila, Philippines: Philippine Institute for Development Studies. (It also appeared as *JIIA Fellowship Occasional Paper No. 8*. Tokyo, Japan: Japan Institute of International Affairs).
- Cororaton, C. B. 2002. "Trade Reforms, Income Distribution and Welfare: The Philippine Case". *PIDS Research Paper Series No. 2002-03*. Manila, Philippines: Philippine Institute for Development Studies, Manila.
- Aldaba, R. M., and C. B. Cororaton. 2002. "Trade Liberalization and Pollution: Evidence from the Philippines". *EEPSEA Research Report No. 2002-RP7*. Singapore: Economy and Environment Program for Southeast Asia.
- Cororaton, C. B. 2001. "Assessing Alternative Schemes for Financing Tariff Reform". *PIDS Policy Notes 2001-11*. Manila, Philippines: Philippine Institute for Development Studies.
- Cororaton, C. B., 2000. "Rates of Return to R & D Investment in the Philippines". *Asia-Pacific Social Science Review* 1(2):14-49.
- Cororaton, C. B. 1999. "R&D Gaps in the Philippines". *Journal of Philippine Development* 25(2): 47-65.
- Cororaton, C. B., and S. Zingapan. 1999. "Recent TFP Policy Agenda for the Philippines". *APO Productivity Journal*.
- Cororaton, C. B. 1997. "Simulating the Effects of GATT-UR/WTO on the Philippine Economy". *Journal of Philippine Development* 24(2):191-222.
- Cororaton, C. B. 1997. "The Textile Industry: In a Bad Shape". *PIDS Development Research News*. Manila, Philippines: Philippine Institute for Development Studies.
- Cororaton, C. B., E. Endriga, B. Omedo, and C. Chua. 1995. "Total Factor Productivity of Philippine Manufacturing Industries". *Journal of Philippine Development* 22(2):303-399.

- Cororaton, C. B. 1993. "Structural Adjustment Policies: The Effects on Employment in the Philippines". *Philippine Labor Review*.
- Cororaton, C.B. 2008. "The Philippines: Shadow WTO Agricultural Domestic Support Notifications". Discussion Paper No. 827. International Food Policy Research Institute (December).
- Bedi, J. and C.B. Cororaton. 2008. "Cotton-Textile-Apparel Sectors of India: Situation and Challenges Faced". Discussion Paper No. 801. International Food Policy Research Institute (September).
- Cororaton, C. B., A. Salam, Z. Altaf and D. Orden. 2008. "Cotton-Textile-Apparel Sectors of Pakistan: Situation and Challenges Faced". Discussion Paper No. 800. International Food Policy Research Institute (September).
- Cororaton, C. B. 2006. "The Impact of Trade Reform in the 1990s on Welfare and Poverty in the Philippines". Modeling and Policy Impact Analysis (MPIA) Working Paper No. 2006-11. Laval University, Quebec, Canada.
- Cororaton, C. B., and E. Corong. 2006. "Agricultural Sector Policies and Poverty in the Philippines: A Computable General Equilibrium Analysis". Modeling and Policy Impact Analysis MPIA Working Paper No. 2006-09. Laval University, Quebec, Canada.
- Cororaton, C. B., J. Cockburn, and E. Corong. 2006. "Doha Scenarios, Trade Reforms and Poverty in the Philippines". Policy Research Working Paper No. 3738. World Bank
- Cororaton, C. B. 2006. "Philippine Rice and Rural Poverty: An Impact Analysis of Market Reform Using CGE". Discussion Paper No. 96. ". International Food Policy Research Institute.
- Cororaton, C. B., and J. Cockburn. 2005. "Trade Reform and Poverty in the Philippines: A Computable General Equilibrium Microsimulation Analysis". CIRPEE Working Paper No. 05-13, Laval University, Quebec, Canada.
- Cororaton, C. B. 2004. "Rice Reforms and Poverty in the Philippines: A CGE Analysis". Discussion Paper No. 2004-14. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2004. "Philippine-Japan Bilateral Agreements: Analysis of Possible Effects on Unemployment, Distribution and Poverty in the Philippines Using CGE-Microsimulation Approach". Discussion Paper No. 2004-01. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2003. "An Analysis of Trade Reforms, Income Inequality and Poverty Using Microsimulation Approach: The Case of the Philippines". Discussion Paper No. 2003-09. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2003. "Trade Reforms, Unemployment, Household Income and Welfare: The Case of the Philippines". Discussion Paper No. 2003-08. Philippine Institute for Development Studies, Manila.

- Cororaton, C. B. 2003. "Trade Reforms, Income Distribution and Welfare". Discussion Paper No. 2003-01. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2002. "Research and Development and Technology in the Philippines". Discussion Paper No. 2002-23. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B., and J. Cuenca. 2002. "Total Factor Productivity in the Philippines". Discussion Paper No. 2002-01. Philippine Institute for Development Studies, Manila.
- Aldaba, R. M., and C. B. Cororaton. 2001. "Trade Liberalization and Pollution: Evidence from the Philippines". Discussion Paper No. 2001-25. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2001. "Technological Innovations in Japan and S&T Experiences in the Philippines: Drawing Policy Lessons for the Philippines". Discussion Paper No. 2001-08. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B., and T. Caparas. 2001. "Estimates of Total Factor Productivity in the Philippines". Discussion Paper No. 2001-02. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B., and J. Cuenca. 2000. "An Analysis of Philippine Trade Reforms in 1995-2000 Using the 1994 APEX Model". Discussion Paper No. 2000-36. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2000. "Philippine Tariff Reforms: A CGE Analysis". Discussion No. 2000-35. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2000. "Philippine Computable General Equilibrium Model". Discussion Paper No. 2000-33. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2000. "Oil Price Increase: Can Something be Done to Minimize its Effects?" Discussion Paper No. 2000-32. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 2000. "S and T/R and D - Medium-Term National Action Agenda for Productivity". Discussion Paper No. 2000-21. Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 1999. "Research and Development: A Review of Literature". Discussion Paper No. 1999-25, Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 1999. "Rates of Return to R&D Investments in the Philippines". Discussion Paper No. 1999-24, Philippine Institute for Development Studies, Manila.
- Cororaton, C. B. 1999. "R&D Gaps in the Philippines". Discussion Paper No. 1999-16, Philippine Institute for Development Studies, Manila.

Cororaton, C. B. 1999. “Study on Public and Private Expenditure on Research and Development: An Integrative Report”. Discussion Paper No. 1999-15, Philippine Institute for Development Studies, Manila.

Lambert, M. B., M.F. Guerrero, A. Orbeta, and C. B. Cororaton. 1999. “The Impact of the Southeast Asian Financial Crisis on the Philippine Manufacturing Sector”. Discussion Paper No. 1999-09, Philippine Institute for Development Studies, Manila.

Cororaton, C. B. 1997. “Productivity Analysis in Garments and Textile Industries”. Discussion Paper No. 1997-09, Philippine Institute for Development Studies, Manila.

Reyes, C., and C. B. Cororaton. 1996. “Micro Impacts of Macroeconomic Adjustment Policies: The Philippine Case”. Discussion Paper No. 1996-02, Philippine Institute for Development Studies, Manila.

Cororaton, C. B., E. Endriga, B. Omedo, and C. Chua. 1995. “Total Factor Productivity of Philippine Manufacturing Industries”. Discussion Paper No. 1995-24, Philippine Institute for Development Studies, Manila.

### **Research Project Completed (2009-2015)**

1. Research funding support from the Philippine Institute for Development Studies (2015)
  - 1a. Potential Effects of the Regional Comprehensive Economic Partnership (RCEP) on the Philippine Economy.
  - 1b. Assessing the Potential Economic and Poverty Effects of the National Greening Program.
2. Research funding support from Virginia Tech (2013 – 2014)
  - 2a. Estimating the potential economic benefit of Philippine participation in the Trans-Pacific Partnership Agreement
  - 2b. Analyzing the effects of sugar tariffs reduction under the ASEAN Trade in Goods Agreement: The case of the Philippine sugar sector
3. Research funding support from the World Bank (2009-2013)
  - 3a. Analyzing hardship and vulnerability in the Pacific Island Countries
  - 3b. Analyzing the impact of alternative Philippine rice policies on poverty and income Distribution
  - 3c. Analyzing the impacts of large scale expansion of biofuels on global poverty and income distribution
4. Collaborative Agreement between Virginia Tech and USDA/Animal and Plant Inspection Service (APHIS) (2008-2012)
  - 4a. Analyzing the potential economic effects of lifting the U.S. ban on beef from Brazil and Argentina
  - 4b. Analyzing the potential economic effects of lifting the U.S. ban on Argentine lemons
  - 4c. Review of literature on the economics of evasive species
5. Research funding Support from the European Commission (2009-2013)



- 5a. Non-tariff measures
- 5b. Technical support to the Philippines on trade issues

### **Paper Presentation (2009-2015)**

1. “Potential Effects of Regional Comprehensive Economic Partnership (RCEP) on the Philippine Economy”. Presented at the Philippine Institute for Development Studies, Quezon City, Metro Manila, Philippines. December 1, 2015
2. Assessing the Potential Economic and Poverty Effects of the National Greening Program. Presented at the 53<sup>rd</sup> Philippine Economic Society Annual Meeting. Hotel Intercontinental, Makati, Metro Manila, Philippines. November 10, 2015; and at the 2015 Biennial Convention of Philippine Agricultural Economics and Development Association, Legazpi City, Albay. October 22, 2015.
3. “Poverty and Income Distribution Implications of Philippine Rice Policies” 2014 International Agricultural Trade Research Consortium Annual Meeting San Diego, California, December 7-9, 2014
4. “Potential Economic Effects on the Philippines of the Trans-Pacific Partnership Agreement” 2014 International Agricultural Trade Research Consortium Annual Meeting San Diego, California, December 7-9, 2014
5. “Trans Pacific Partnership (TPP) Agreement: What are the stakes for the Philippines?” September 4, 2014, Romulo Hall, Philippine Institute for Development Studies, NEDA sa Makati Building, Makati, Philippines
6. “The Impact of Exogenous Shocks on Households in the Pacific”. Port Moresby, Papua New Guinea (July 29, 2013)
7. “Impact of Alternative Philippine Rice Policies on Poverty and Income Distribution”. De Lasalle University, Manila, Philippines (November 27, 2012); and Philippine Institute for Development Studies (December 10, 2012)
8. “A CGE Analysis of a Free Trade Agreement between the Philippines and the European Union”. Department of Trade and Industry, Philippines (March 25, 2012)
9. “Economic Simulation Model for Trade Policy Analysis in the Philippines”. Clark Export Processing Zone, Philippines (December 17, 2011)
10. “Impact on Fresh Lemon Markets of U.S. Regulation of Imports from Argentina”. International Agricultural Trade Research Consortium Annual Meeting, Florida (December 11-13, 2011)
11. “Impacts of Large Scale Expansion of Biofuels on Global Poverty and Income Distribution”. International Agricultural Trade Research Consortium Symposium on

Climate Change in Agriculture: Mitigation, Adaptation, Trade and Food Security, Stuttgart, Germany (June 27-29, 2010)

12. “Poverty Implications in Pakistan of Agricultural and Non-Agricultural Price Distortions”. International Agricultural Trade Research Consortium Annual Meeting, Florida (December 13-15, 2009)
13. “Impacts of Large Scale Expansion of Biofuels on Global Poverty and Income Distribution”. World Bank, Washington, DC (August, 2009)
14. “Pakistan’s Cotton and Textile Economy: Intersectoral Linkages and Effects on Rural and Urban Poverty”. Islamabad and Lahore, Pakistan (April 28 – May 4, 2009)

### **Economic Modelling Training Conducted/Teaching (2008-2015)**

1. Handled one term class (6 hours a week) on mathematical economics at the graduate level. De La Salle University, Manila Philippines. (August 24- December 5, 2015)
2. Computable general equilibrium modelling. De La Salle University, Manila Philippines. (June 1-3, 2015)
3. Poverty Microsimulation Model Using Household Data. Port Moresby, Papua New Guinea (July 20 – August 4, 2013)
4. U.S. Beef Simulation Model. USDA/Animal and Plant Inspection Service (APHIS), Riverdale Road, Maryland, USA (March 2013)
5. Lecture series on computable general equilibrium modelling. School of Economics, University of the Philippines, Manila, Philippines (November-December 2012)
6. U.S. Lemon Simulation Model. USDA/Animal and Plant Inspection Service (APHIS), Riverdale Road, Maryland, USA (April 2012)
7. Global Trade Analysis Project (GTAP) model and Philippine computable general equilibrium model and poverty microsimulation, Philippine Institute for Development Studies, Manila, Philippines (January 9-13, 2012)
8. Pakistan computable general equilibrium model. Pakistan Institute of Development Economics, Islamabad, Pakistan (April 2008)

### **Membership**

American Agricultural Economic Association

East Asian Economic Association

International Agricultural Trade Research Consortium

Partnership for Economic Policy (PEP) Research Network ([www.pep-net.org](http://www.pep-net.org))

Global Trade Analysis Project (GTAP)

Philippine Economic Society