

## Curriculum Vitae

### Caesar B. Cororaton

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#### Qualifications:

My area of research is on trade and agricultural policies, and poverty and distributional issues in developing countries. The analytical tool I use is computable general equilibrium (CGE) model which captures the direct and indirect effects of policy shocks. I link CGE models with data in the household survey and conduct microsimulation analyses that analyze the effects on poverty and distribution. I have written a number of policy papers on Pakistan and on the Philippines. I am an active member of the Poverty and Economic Policy, PEP network (<http://www.pep-net.org>), which is an international research network on poverty funded by the International Development Research Center (IDRC) of Canada. The PEP network provides scientific and financial support to researchers in developing countries who are doing research on poverty issues.

#### Present and Previous Employment:

April 2008 – present: Research Fellow, Virginia Tech, National Capital Region (Global Issues Initiative - Institute of Society, Culture and Environment), Alexandria, Virginia USA 22314.  
Consultant, International Food Policy Research Institute (IFPRI), Washington, DC, USA

January 2005 – April 2008: Research Fellow, International Food Policy Research Institute (IFPRI), Washington, DC, USA

May 1993 – December 2005: Senior Research Fellow, Philippine Institute for Development Studies (PIDS), Philippines

February 1993 – November 2000: Assistant Project Director, Micro Impact of Macro Adjustment Policies, Philippines (MIMAP), which is now called the Poverty and Economic Policy (PEP), Philippines.

January 1990 – December 1992: Senior Economist, Center for Research and Communication, Philippines

**Education:**

Ph.D., Clark University, Worcester, Massachusetts, USA, 1990, Economics

M.A., University of the Philippines, 1985, Economics

M.S., University of Asia and the Pacific, Philippines, 1982, Industrial Economics  
(Formerly, Center for Research and Communication)

B.S., Ateneo de Davao University, Philippines, 1979, Management Engineering

**Visiting Research Fellowship:**

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

**Ongoing Research in 2007-2008 at IFPRI and Virginia Tech:**

1. “Philippine Trade Policies and Agriculture Domestic Support”, will serve as a section in an ongoing IFPRI research on *Improving WTO Transparency: Shadow Domestic Support Notification*. This research, which is coordinated by Senior Research Fellow David Orden, covers eight country experiences.
2. “Poverty Implications of Agricultural and Non-Agricultural Price Distortions in Pakistan” (Caesar B. Cororaton and David Orden). This paper will be a book chapter in a forthcoming World Bank volume on *Agricultural Price Distortions, Inequality, and Poverty* (Kym Anderson, John Cockburn and Will Martin, eds).
3. “Agricultural and Non-Agricultural Price Distortions in the Philippines: Implications on Poverty” (Caesar B. Cororaton, Erwin Corong, and John Cockburn). This paper will be a book chapter in a forthcoming World Bank volume on *Agricultural Price Distortions, Inequality, and Poverty* (Kym Anderson, John Cockburn, and Will Martin. eds).

## **Completed Research in 2007 at IFPRI:**

### ***Pakistan and India***

1. “*Challenges Facing the Cotton and Textile Sectors in Pakistan: An Analysis of Intersectoral Linkages and their Poverty Implications*” (Caesar B. Cororaton and David Orden, June 2007). This report was submitted to the World Bank (Agriculture and Rural Development Sector Unit, South Asia Region) for the project “Cotton Trade Policy and Poverty Study in Pakistan and India”.
2. “*Studies of Structure and Poverty within the Cotton-Textile-Apparel Sectors of Pakistan and India*” (Caesar B. Cororaton, Abdul Salam, Jatinder Bedi, Zafar Altaf, and David Orden, June 2007). This report was submitted to the World Bank (Agriculture and Rural Development Sector Unit, South Asia Region) for the project “Cotton Trade Policy and Poverty Study in Pakistan and India”.

### ***Philippines***

1. “*Poverty Implications of Special Product Treatment of Key Food Items in the Philippines*” (Caesar B. Cororaton and Erwin Corong, April 2007). This report was submitted to the World Bank (Development Research Group, Trade) for the project “Poverty Implications of Special Product Treatment of Key Food Items in the Philippines”.

## **Forthcoming and Recent (2005-2008) Publication:**

### ***Forthcoming***

Cororaton, C. B. and Orden, D. 2008. “Pakistan’s Cotton and Textiles Economy: Intersectoral Linkages and Effects on Rural and Urban Poverty”. IFPRI Research Report No. 158 (forthcoming)

Cororaton, C. B. and Orden, D. 2008. “Poverty Implications of Agricultural and Non-Agricultural Price Distortions in Pakistan.” A book chapter in a forthcoming World Bank book on *Agricultural Price Distortions, Inequality, and Poverty* (Kym Anderson, John Cockburn and Will Martin, eds).

Cororaton, C.B., E. Corong, and J. Cockburn. 2008. “Agricultural and Non-Agricultural Price Distortions in the Philippines: Implications on Poverty.” A book chapter in a forthcoming World Bank book on *Agricultural Price Distortions, Inequality, and Poverty* (Kym Anderson, John Cockburn and Will Martin, eds).

Cororaton, C.B. and E. Corong. 2008. “*Poverty Implications of Special Product Treatment of Key Food Items in the Philippines.*” Received favorable comments from IFPRI Publication Review Committee and two anonymous referees. Currently under revision for re-submission as IFPRI Research Report.

Cororaton, C.B. 2008. “Philippine Trade Policies and Agriculture Domestic Support.” IFPRI Discussion Paper (forthcoming).

Ahmad, M., C. B. Cororaton, A. Qayyum, M. Iqbal, and P. Dorosh. 2008. “Impact of Domestic Policies Towards Agricultural Trade Liberalization and Market Reform on Food Security in Pakistan,” in *Trade Policy and Food Security in South Asia*. (A-Ganesh Kumar, Ashok Gulati, and Devesh Roy, eds). Washington D.C: International Food Policy Research Institute (forthcoming).

### ***Recent, 2005-2008, Publication***

Cockburn, J., Corong, E., C. B. Cororaton, and 2008. “Poverty Implications of Tariff Reduction Program in the Philippines - Insights from A CGE Analysis.”. *Asian Economic Journal*. (Vol. 22, No. 3). Forthcoming in September 2008 issue (Ref: AEJ1133).

Cororaton, C. B., A. Salam, Z. Altaf and David Orden. 2008. “Cotton-Textile-Apparel Sectors of Pakistan: Situation and Challenges Faced.” IFPRI Discussion Paper No. 800. Washington D.C: International Food Policy Research Institute.

Bedi, J. and Cororaton, C.B. 2008. “Cotton-Textile-Apparel Sectors of India: Situation and Challenges Faced.” IFPRI Discussion Paper No. 801. Washington D.C: International Food Policy Research Institute.

Cororaton, C. B., and J. Cockburn. 2007. “Trade Reform and Poverty – Lessons from the Philippines: A CGE Microsimulation Analysis.” *Journal of Policy Modeling*, Volume 29, Issue 1, pp. 141-163.

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

Cororaton, C. B. 2005. “Total Factor Productivity Growth in the Philippines: 1960-2000.” *Asian Development Review*, Volume 22, Number 1, pp 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., 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, ed.). Manila, Philippines: Asian Development Bank. pp. 311-354.

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, eds). 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, eds). Tokyo, Japan: Asian Development Bank InstituteTokyo, and Cheltenham: Edward Elgar. pp. 90-123.

Cororaton, C. B. 2006. "The Impact of Trade Reform in the 1990s on Welfare and Poverty in the Philippines." 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." 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 3738, World Bank, Washington, D.C.

Cororaton, C. B. 2006. "Philippine Rice and Rural Poverty: An Impact Analysis of Market Reform Using CGE." IFPRI Discussion Paper No. 96, International Food Policy Research Institute, Washington, D. C.

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.

### **Previous Publications:**

#### ***Journal Articles***

Cororaton, C. B. 2004. "Analyzing the Impact of Trade Reforms on Welfare and Income Distribution Using a CGE Framework: The Case of the Philippines." *Philippine Journal of Development*, Volume 31, Number 1-b.

Cororaton, C. B., 2000. "Rates of Return to R & D Investment in the Philippines." *Asia-Pacific Social Science Review*, Volume 1, Number 2.

Cororaton, C. B. 1999. "R&D Gaps in the Philippines." *Journal of Philippine Development*, Volume 25, Number 2-b.

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*, Volume 24, Number 2-a.

Cororaton, C. B., E. Endriga, B. Omedo, and C. Chua. 1995. "Total Factor Productivity of Philippine Manufacturing Industries." *Journal of Philippine Development*, Volume 22, Number 2-c.

Cororaton, C. B. 1993. "Structural Adjustment Policies: The Effects on Employment in the Philippines." *Philippine Labor Review*.

### ***Books, Research Papers and Research Reports***

Cororaton, C. B. 2004. *Research and Development and Technology in the Philippines*. 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.

### ***Book Chapters***

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. 1996. "Exchange Rate Movement in the Philippines," in *Exchange Rate Fluctuations and Macroeconomic Management*. Osaka, Japan: Japan Committee for Pacific Economic Outlook.

Cororaton, C. B., 1995. "Trade and the Environment in the Philippines," in *Social and Environmental Clauses and Free Trade*. Bonn, Germany: Friedrich Ebert Stiftung.

Cororaton, C. B., 1995. "Surge in Capital Inflows, Response of the Government, and the Effects on the Economy: The Philippine Case," in *Capital Flows in the Pacific Region: Past Trends and Future Prospects*. Osaka, Japan: Japan Committee for Pacific Economic Outlook.

### ***Policy Notes and Development News***

Cororaton, C. B. 2004. "Can the Poor Benefit from the Removal of QR on Rice?" *PIDS Policy Notes* 2004-04. Manila, Philippines: Philippines Institute for Development Studies.

Cororaton, C. B. 2003. "Who Benefits for the Tariff Reforms?" *PIDS Policy Notes* 2003-11. Manila, Philippines: Philippines Institute for Development Studies.

Cororaton, C. B. 2001. "Assessing Alternative Schemes for Financing Tariff Reform." *PIDS Policy Notes* 2001-11. Manila, Philippines: Philippines Institute for Development Studies.

Cororaton, C. B. 1997. "The Textile Industry: In a Bad Shape." *PIDS Development Research News*, Volume 15, Number 4-c. Manila, Philippines: Philippines Institute for Development Studies.

### ***Discussion Papers/Working Papers***

Cororaton, C. B. 2004. "Rice Reforms and Poverty in the Philippines: A CGE Analysis." PIDS Discussion Paper No. 2004-14, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2004. "Philippine-Japan Bilateral Agreements: Analysis of Possible Effects on Unemployment, Distribution and Poverty in the Philippines Using CGE-Microsimulation Approach." PIDS Discussion Paper No. 2004-01, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2003. "An Analysis of Trade Reforms, Income Inequality and Poverty Using Microsimulation Approach: The Case of the Philippines." PIDS Discussion Paper No. 2003-09, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2003. "Trade Reforms, Unemployment, Household Income and Welfare: The Case of the Philippines." PIDS Discussion Paper No. 2003-08, Philippines Institute for Development Studies, Manila, Philippines

Cororaton, C. B. 2003. "Trade Reforms, Income Distribution and Welfare." PIDS Discussion Paper No. 2003-01, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2002. "Research and Development and Technology in the Philippines." PIDS Discussion Paper No. 2002-23, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B., and J. Cuenca. 2002. "Total Factor Productivity in the Philippines." PIDS Discussion Paper No. 2002-01, Philippines Institute for Development Studies, Manila, Philippines.

Aldaba, R. M., and C. B. Cororaton. 2001. "Trade Liberalization and Pollution: Evidence from the Philippines." PIDS Discussion Paper No. 2001-25, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2001. "Technological Innovations in Japan and S&T Experiences in the Philippines: Drawing Policy Lessons for the Philippines." PIDS Discussion Paper No. 2001-08, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B., and T. Caparas. 2001. "Estimates of Total Factor Productivity in the Philippines." PIDS Discussion Paper No. 2001-02, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B., and J. Cuenca. 2000. "An Analysis of Philippine Trade Reforms in 1995-2000 Using the 1994 APEX Model." PIDS Discussion Paper No. 2000-36, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2000. "Philippine Tariff Reforms: A CGE Analysis." PIDS Discussion No. 2000-35, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2000. "Philippine Computable General Equilibrium Model." PIDS Discussion Paper No. 2000-33, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2000. "Oil Price Increase: Can Something be Done to Minimize its Effects?" PIDS Discussion Paper No. 2000-32, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 2000. "S and T/R and D - Medium-Term National Action Agenda for Productivity." PIDS Discussion Paper No. 2000-21, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 1999. "Research and Development: A Review of Literature." PIDS Discussion Paper No. 1999-25, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 1999. "Rates of Return to R&D Investments in the Philippines." PIDS Discussion Paper No. 1999-24, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 1999. "R&D Gaps in the Philippines." PIDS Discussion Paper No. 1999-16, Philippines Institute for Development Studies, Manila, Philippines.

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

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". PIDS Discussion Paper No. 1999-09, Philippines Institute for Development Studies, Manila, Philippines.

Cororaton, C. B. 1997. "Productivity Analysis in Garments and Textile Industries." PIDS Discussion Paper No. 1997-09, Philippines Institute for Development Studies, Manila, Philippines.

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

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

## **References:**

### **David Orden, Ph. D.**

Senior Research Fellow

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**(Note: David Orden knows my work very well at IFPRI because we have collaborated on various projects.)**

**Celia Reyes, Ph. D.**

Co-Director, Poverty and Economic Policy Network, and Senior Research Fellow  
Philippines Institute for Development Studies  
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**Marian S. delos Angeles, Ph.D.**

Sr. Environmental Economist  
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**Membership:**

Philippine Economic Society  
Poverty and Economic Policy (PEP) Network ([www.pep-net.org](http://www.pep-net.org)).

### **Teaching Course Evaluation:**

Attached is the evaluation of the course in economic modeling that I conducted in July 2006 at the Pakistan Institute of Development Economics (PIDE) which was attended by 11 local researchers from various government agencies, universities, and PIDE. The collaborator of the International Food Policy Research Institute (IFPRI) for this activity was PIDE. The person in-charge in PIDE was Dr Munir Ahmad who just moved in October 2006 to the Pakistan Agricultural Research Council as a Member (Social Sciences). This evaluation was submitted to IFPRI. It includes the list of participants who attended the course.

#### Dr Ahmad's address:

Pakistan Agricultural Research Council

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## **Evaluation Report**

### **(Basic Training on CGE Modeling in Pakistan)**

The Research Agreement was made the 7<sup>th</sup> of March, 2006 between IFPRI Washington DC, USA and PIDE Islamabad, Pakistan. It was agreed that the Principal Investigator for the Collaborator would be Dr. Munir Ahmad, Chief of Research at PIDE. It was further agreed that the Project Manager for the IFPRI would be Dr. Caesar Cororaton or Dr. David Orden. It was further agreed that number of participants for the training course would be 10 including 5 from PIDE and 5 from other Research Institutions/Universities/Ministries.

The dates/duration of the training – On Basic CGE modeling, were fixed from July 7 to 11 July, 2006 while the timings of the lectures were agreed to be 9AM-4PM every day.

To get nominations, PIDE wrote letters to the heads of the relevant Institutions. We got eleven nominations from various Departments and the list along with their details of their affiliating departments is attached.

Dr. Caesar sent the soft copies of his lectures and reference material in advance, which were printed and distributed to the participants in advance so that they could go through the material before joining the actual training.

We the participants as well as the other staff of the PIDE thought that it would extremely difficult for a single resource person to give lectures and provide individual guidance for straight fives days (7 hours/day). But, Dr. Caesar has done a marvelous job in delivering the lectures and proving guidance to every one of us to understand the theoretical foundations of the general equilibrium and practically running the CGE models.

- The way of presentation of the lectures and the material covered were excellent, which the every participant has appreciated.
- The lecture notes and the additional references were extremely helpful.
- Computer facilities were excellent – a separate unit equipped with necessary packages including GAMS was available to all the participants. Computer Lab was kept open every day up to 6PM. Despite long lecture hours Dr. Caesar also used to stay in the lab beyond 4PM to help the participants.

- The exercises were extremely helpful to understand and practically running the CGE models.
- Even some of the participants had shown interest to keep in touch with Dr. Caesar and prepare the CGE training material self explanatory for the students and researchers.
- All participants were of the view that the duration of the course was short and should have been at least for 10 days. Despite short duration the participants were satisfied with the coverage of the material.
- All participants were of the view that the “Social Accounting Matrix (SAM)” which is required for the CGE modeling should have been covered in detail. In this recent training there was only one session. The participants suggested arranging a separate training for SAM construction in Pakistan.

Copies of the student version of the GAMS were provided to all the participants.

However, the access to full GAMS is restricted and can be used in computer centre of the PIDE because of single user license.

This training was a first of its kind. It was very effective and Dr. Caesar has trained 11 Researchers, which is a real contribution from IFPRI in Pakistan.

## CGE participants list

Sr. #	Name and address	Telephone #	E-mail address
1.	Dr. Heman D. Lohano Associate Professor Department of Agri. Economics Sindh Agriculture University Tando Jam, Sindh	92-300-304-2034	<a href="mailto:Loha0002@umn.edu">Loha0002@umn.edu</a>
2.	Dr. K. Hassan Naqvi Assistant Chief Macro Economic Section Plann. & Devel. Division Room No. 245, Block 'P' Pak. Secretariat, Islamabad	9206639	<a href="mailto:khnaqvi@gmail.com">khnaqvi@gmail.com</a>
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6.	Dr. Muhammad Iqbal Senior Research Economist PIDE, Islamabad	9223774	<a href="mailto:miqbalpide@yahoo.com">miqbalpide@yahoo.com</a>
7.	Dr. Abdul Qayyum Associate Professor PIDE, Islamabad.		<a href="mailto:qayyumdr@yahoo.com">qayyumdr@yahoo.com</a>
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11.	Mr. Saghir Pervaiz Ghauri (presently PIDE-Ph.D. student) Islamabad	0300-5066704	<a href="mailto:Saghir_ghauri@yahoo.com">Saghir_ghauri@yahoo.com</a>