

## Curriculum Vitae

### ERNESTO del Mar PERNIA

#### Present home address

9 Bilaan St., La Vista Village, Quezon City 1108, Metro Manila, Philippines; telephone: (632) 929-9896; email: [ernestompernia@gmail.com](mailto:ernestompernia@gmail.com); [edmp@skybroadband.com.ph](mailto:edmp@skybroadband.com.ph)

#### Present office address

School of Economics, University of the Philippines, Diliman, Quezon City 1101, Philippines; telephone: (632) 927-9686, loc. 317/242; fax: (632) 920-5481; e-mail: [empenia@upd.edu.ph](mailto:empenia@upd.edu.ph)

#### Education

Ph.D. (Economic Demography), University of California, Berkeley, 1976; M.A. (Economics), University of Bridgeport, Connecticut, 1969; A.B. (Economics), University of San Carlos, 1967; S.T.B., UST Central Seminary, 1965; A.B. (Philosophy), San Carlos Major Seminary (Cebu), 1963.

#### Fields of specialization and interest

Development Economics, Demographic Economics, Human Resource Economics.

#### Current and recent positions

Professor Emeritus of Economics, University of the Philippines, 2013-.

Professorial Lecturer, UP School of Economics, 2010-2013.

Fellow, Institute for Development and Econometric Analysis, Inc. (IDEA), 2011-.

Professor of Economics, UP School of Economics, 2004-2009.

Director for Public Affairs, UP School of Economics, 2007-2009.

#### Previous positions (latest to earliest)

Lead Economist, Asian Development Bank (ADB), 1999-2003; Principal Economist, 1993-1999; Senior Economist, 1990-1993; Economist, 1986-1990, ADB; Managing Editor, *Asian Development Review*, 2001-2003.

Visiting Professor of Economics, UP School of Economics, 1987-1988.

Regional Adviser on Population and Employment Policy and Research for Asia and the Pacific, International Labour Office (Bangkok), 1984-1986.

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Research Fellow, East-West Center Resource Systems Institute, Honolulu, 1983-1984.

Professor of Economics (1982-1985), Associate Professor (1978-1982), Assistant Professor (1976-1978), UP School of Economics.

Director for Research, UP School of Economics, 1977-1982.

Fellow, East-West Center Population Institute, Honolulu, June-December 1976.

Lecturer and Research Associate, 1975-1976; Research Associate, 1974-1975, UP Population Institute.

Lecturer, University of California at Santa Cruz, 1974.

Instructor, University of San Carlos, 1965-1967.

#### Board memberships

Board of Directors, First Philec Solar Corporation (Lopez Group of Companies), 2009-2012.

Board of Directors, Philippine-Russian Business Assembly, 2008-

Board of Directors, Philippine-American Academy of Science and Engineering, 2008-.

Board of Trustees, University of San Carlos, 2005-; Chair of the Board, 2011-.

Board of Trustees, Kalayaan College, 2009-

Board of Directors, Procurement Watch, Inc. 2011-.

Board of Trustees, Philippine Center for Population and Development, 2004-2011; 2012-

Board of Trustees, Forum for Family Planning and Development, 2004-

Board of Trustees, Friendly Care Foundation, Inc., 2006-

Board of Trustees, *Bahay Tuluyan*, 2005-.

#### Academic journal boards

Editorial Board, *Philippine Science Letters*, 2010-

Managing Editor, *Asian Development Review*, 2001-2003.

Editorial Board, *Review of Urban and Regional Development Studies* (Tokyo), 1987-

Board of Editors, *The Philippine Review of Economics*, 2001-

Editorial Board, *Journal of Philippine Development*, 1989-1994.

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Editor, *Philippine Review of Economics and Business*, 1982-1983.

Associate Editor, *Philippine Economic Journal*, 1977-1980.

Other previous appointments/designations

Member, Board of Judges, Economic Journalists Association of the Philippines, 2011.

President, Philippine Economic Society, 1988; Vice-President, 1987.

Vice-Chair, Division of Social Sciences, National Research Council of the Philippines (NRCP), 2007-2008.

Chair, Economics and Statistics, Division of Social Sciences, NRCP, 1981-1983.

Associate Member, NRCP, 1978-1981; Regular Member, since 1981.

Member, Micro Advisory Group, Economic and Social Impact Analysis/Women in Development (ESIA/WID Micro Component) Research Project, 1978-1982.

Member, Executive Board, Philippine Social Science Council, 1980-1981.

Development Associate, Program Development Staff, Office of the President, University of the Philippines, 1977-1979; 1981.

Honors, fellowships, awards, etc.

*Magna Cum Laude*, A.B. (Philosophy), San Carlos Major Seminary, Cebu City, 1963.

*Cum Laude*, S.T.B. (Bachelor of Theology), UST Central Seminary, 1965.

Graduate Assistantship, University of Bridgeport, Connecticut, 1967-1969.

Ford Foundation Fellowship, University of California, Berkeley, 1971-1974.

Smithsonian Institution (Interdisciplinary Communications Program) dissertation research grant, 1974-1975.

Bienvenido M. Gonzalez Chair in Demographic Economics, University of the Philippines, 1980-1985.

Outstanding Young Scientist (Economic Demography), National Academy of Science and Technology, 1980.

*Pi Gamma Mu* (International Social Science Honor Society), since 1983.

Centennial Professorial Chair, University of the Philippines, 2008.

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The Outstanding Boholano Around the World (Economics), Province of Bohol, 2009.

NRCP Achievement Award, National Research Council of the Philippines, DOST, 2011.

#### Membership in professional societies

Philippine-American Academy of Science and Engineering, 2005 –

Foundation for Economic Freedom, Inc, 2010-

East Asian Economic Association, 1987-

Philippine Association for the Advancement of Science, 1982-.

Philippine Society for International Development, 1981-

Philippine Economic Society, 1976-.

International Union for the Scientific Study of Population, 1976-1985.

American Economic Association, 1974-1977.

Population Association of America, 1973-1978.

#### Consultancies/research contracts

Asian Development Bank, 2007-

United Nations Population Fund, 2010-

Commission on Filipinos Overseas, 2011.

USAID - National Statistics Office research project on the 2003 National Demographic and Health Survey, 2005.

Council for Asian Manpower Studies, 1977-1984.

Philippine Institute for Development Studies, 1980-1983.

Food and Agriculture Organization, 1980-1982.

World Bank - Ministry of Education project on Educational Technology, 1978-1982.

United Nations Centre for Regional Development, 1980, 1982.

Commission on Population (Philippines), 1982.

Population Center Foundation (Philippines), 1978-1982.

United Nations University, 1978-1979.

National Manpower and Youth Council (Philippines), 1977-1978.

Population Council East and South Asia Regional Office, 1977-1978.

World Bank, 1975, 1985.

### Publications

A. Books and Monographs (\* “published by reputable international academic book publishers”)

1. \* *Urbanization, Population Growth, and Economic Development in the Philippines*, University of California, Berkeley (Westport, Connecticut and London: Greenwood Press, 1977), 213 p.

2. *The Spatial and Urban Dimensions of Development in the Philippines* (with C.W. Paderanga, Jr., V.P. Hermoso and Associates) (Manila: Philippine Institute for Development Studies, 1983), 344 p.

3. *An Introductory Guide to Population and Development Planning*, (with L. Engracia, I. Feranil, E. de Guzman, A. Herrin, V. Paqueo and C. Raymundo), (Manila: National Economic and Development Authority, 1983), 96 p.

4. *Economic Recovery and Long-run Growth: Agenda for Reforms* (with F.A. Alburo et al.) (Manila: Philippine Institute for Development Studies, May 1986), 202 p.

5.\* *Urbanization and Urban Policies in Pacific Asia*, (with R.J. Fuchs and G.W. Jones, eds.), (Boulder and London: Westview Press, 1987), 370 p.

6.\* *The Economic Impact of Demographic Change in Thailand, 1980-2015*, (with B.O. Campbell and A. Mason, eds.), (Honolulu: University of Hawaii Press, 1993), 240 p.

7.\* *Urban Poverty in Asia, A Survey of Critical Issues*, (ed.), (New York and Hong Kong: Oxford University Press, 1994), 305 p.

8. *Spatial Development, Land Use, and Urban-Rural Growth Linkages in the Philippines*, (with A. M. Balisacan and F. M. Medalla), (Manila: National Economic and Development Authority, 1994), 148 p.

9. *East ASEAN Growth Area: Brunei Darussalam, Indonesia, Malaysia, Philippines* (coordinating author), (Manila: Asian Development Bank, 1996) 7 volumes.

10.\* *Poverty, Growth, and Institutions in Developing Asia*, (with A. B. Deolalikar, eds.), (London and Tokyo: Palgrave Macmillan. 2003), 332 p.

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B. Journal Articles and Refereed Papers (\*\* in ISI Journals)

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1. "The Question of the Brain Drain from the Philippines", *International Migration Review*, Vol. X, No. 1 (Spring 1976), pp. 63-72.
2. "Urbanization in the Philippines: Historical and Comparative Perspectives", *Papers of the East-West Population Institute*, No. 40 (Honolulu: East-West Center, December 1976), 38 p.
3. "A Method of Decomposing Urban Population Growth and an Application to Philippine Data", *Papers of the East-West Population Institute*, No. 41 (Honolulu: East-West Center, December 1976), 26 p.
4. "Urbanization and Economic Development in the Philippines: Some Implications for Regional Policy", *Philippine Economic Journal*, Vol. XV, No. 4 (1976), pp. 614-635.
5. "Population, Nutrition and Health", [in Symposium on the World Bank Economic Report, The Philippines: Priorities and Prospects for Development], *Philippine Review of Business and Economics*, Vol. XIV, No. 1 (June 1977), pp. 35-43.
6. "The Impact of Migration on Rural Areas in the Philippines", *Philippine Economic Journal*, Vol. XVI, Nos. 1 and 2 (1977), pp. 160-170.
7. "[Simkins and Wernstedt, Philippine Migration: The Settlement of the Digos-Padada Valley, Davao Province, Monograph Series No. 16 (New Haven: Yale University Southeast Asia Studies, 1971):] Review", *Philippine Sociological Review*, Vol. 23, Nos. 1 to 4 (January-October 1975), pp. 129-131.
8. "An Empirical Model of Individual and Household Migration Choice: Philippines, 1965-1973", *Philippine Economic Journal*, Vol. XVII, Nos. 1 and 2 (1978), pp. 259-284.
9. "An Intersectoral and Sequential Analysis of Migration Decision: Philippines", *Philippine Review of Business and Economics*, Vol. XVI, No. 1 (March 1979), pp. 44-60.
10. "The Economic Costs of Children in the Philippines: A Survey", *Philippine Review of Economics and Business*, Vol. XVI, Nos. 3 & 4 (September/December 1979), pp. 47-67.
11. "On Policy-Relevant Research", Editorial, *Social Science Information*, Vol. VIII, No. 3 (Manila: Philippine Social Science Council, October-December 1980).
12. "On the Relationship between Migration and Fertility", *Philippine Review of Economics and Business*, Vol. VIII, Nos. 3 & 4 (September/December 1981), pp. 192-202.
13. "(M. Raza and A. Kundu. "Agglomerated and Dispersed Patterns of Urbanization in

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- India":) Comment," *Regional Development Dialogue*, Vol. 3, No. 1 (Spring 1982), pp. 154-155.
14. "Some Impressions on China's Population and Demographic Research", Notes, *Philippine Economic Journal*, Vol. XIX, Nos. 3 & 4 (1980), pp. 534-536.
  15. "Economic Policies and Spatial and Urban Development: the Philippine Experience", (with C.W. Paderanga, Jr.), *Regional Development Dialogue*, Vol. 4, No. 2 (Autumn 1983), pp. 67-83.
  - \*\*
    16. "An Economic and Social Impact Analysis of Small Industry Promotion: A Philippine Experience", (with J.M. Pernia), *World Development*, Vol. 14, No. 5 (May 1986), pp. 637-651.
    17. "An Introduction to Human Resource Planning in Developing Countries," (with Andras Uthoff), *Background Papers for Training in Population, Human Resources and Development Planning*, No. 2, World Employment Programme (Geneva: International Labour Office, 1986), pp. 1-67; (also in French and Spanish).
    - \*\*
      18. "Factors Influencing the Choice of Location: Local and Foreign Firms in the Philippines" (with A.N. Herrin), *Regional Studies*, Vol. 21, No. 6 (1987), pp. 531-541.
      19. "Migration, Development and Employment in East and Southeast Asia", *Philippine Review of Economics and Business*, Vol. XXIV, Nos. 3 & 4 (Sept. and Dec. 1987), pp. 387-412.
      20. "Urbanization and Spatial Development in the Asian and Pacific Region: Trends and Issues", *Asian Development Review*, Vol. 6, No. 1 (1988), pp. 86-105.
      21. "The Population-Development Link", *Solidarity*, No. 118 (May-June 1988), pp. 73-81.
      22. "President's Report [in connection with the Philippine Economic Society's 25th Anniversary Meeting]", *Philippine Economic Journal*, Vol. XXVII, Nos. 1 & 2 (1988), pp. 188-195.
      23. "[Sudhir Wanmali, "Dilemma of Absorbing the Poor in the Urban Economy: Looking Beyond the Cities in India":] Comment", *Regional Development Dialogue*, Vol. 9, No. 4 (Winter 1988), pp. 78-79.
      24. "Need for and Approaches to Integrated Population, Human Resource and Development Planning" (with G.M. Farooq), *Population Bulletin of the United Nations*, Nos. 23/24 - 1987 (New York: United Nations, 1988), pp. 11-20.
      25. "Aspects of Urbanization and the Environment in Southeast Asia", *Asian Development Review*, Vol. 9, No. 2 (1991), pp. 113-136.
      26. "Summary of Human Resource Policy and Economic Development in Asia" *Asian Economic Journal*, Vol. V, No. 3 (November 1991), pp. 367-368.

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27. "Population and Economic Development Revisited with Reference to Asia", (with S.C. Jha and A.B. Deolalikar), *Asian Development Review*, Vol. 11, No. 2 (1993), pp. 1-46.
  - 28.\*\* "The Economic Impact of Demographic Change in Thailand, 1980-2015: An Application of the HOMES Household Forecasting Model," (with P. F. Bell, B. O. Campbell, and A. Mason), *Journal of Asian Studies*, Vol. 54, No. 2 (1995).
  29. "What is Pro-Poor Growth?" (with N. Kakwani), *Asian Development Review*, vol. 18, no. 3 (2000), pp. 1-16.
  - 30.\*\* "The Rural Road to Poverty Reduction: Some Lessons from the Philippine Experience" (with A. M. Balisacan), *Journal of Asian and African Studies*, vol. 37, no. 2 (2002), pp. 147-167.
  - \*\*
  31. "Trade Openness and Regional Development in a Developing Country" (with P. F. Quising), *Annals of Regional Science* (2003) 37: 391-406.
  - 32.\*\* "Revisiting Growth and Poverty Reduction in Indonesia" (with A. Balisacan and A. Asra), *Bulletin of Indonesian Economic Studies* (2003) 39: 329-351.
  33. "Investment Climate, Productivity, and Regional Development in a Developing Country" (with J. M. Ian S. Salas), *Asian Development Review* (2006) 23 (2): 70-89.
  34. "Perspectives: Should governments encourage migration?," *Kasarinlan: Philippine Journal of Third World Studies* (2007) 22 (1): 183-187.
  35. "Is labor export good development policy?," *The Philippine Review of Economics* (2011) XLVIII (1): 13-34.

C. Chapters of Books (\* "published by reputable international academic book publishers")

1. "Trends and Patterns of Philippine Urbanization in the Twentieth Century", in R.A. Bulatao (ed.) *Philippine Population Research*, (Makati: Population Center Foundation, 1976), pp. 197-276.
2. "Urbanization in the Philippines: Implications for Population Distribution Policy", in *The Dynamics of Migration: Internal Migration and Migration and Fertility*, (Washington, D.C.: The Smithsonian Institution, 1976), pp. 77-132.
3. "Social and Economic Implications of Population Growth", *The Population of the Philippines*, CICRED Series (Manila: Population Institute, University of the Philippines, 1977), pp. 142-152.
4. "Population Growth and Urbanization", *Population of the Philippines*, Country Monograph Series (Bangkok: ESCAP, 1978), pp. 78-98.



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5. "Where U.P. Graduates Go", *1978 U.P. Faculty Conference* (Manila: Community Publishers, 1979), pp. 68-72.
  6. "Urbanization and Spatial Development in the Philippines: A Survey", (with C.W. Paderanga, Jr.), *Survey of Philippine Development Research I* (Manila: Philippine Institute for Development Studies, 1980), pp. 3-50.
  7. "Philippines: The Impact of National Policy on Urban Systems", (with C.W. Paderanga, Jr.), in M. Honjo (ed.), *Urbanization and Regional Development* (Nagoya: United Nations Centre for Regional Development, 1981), pp. 149-177.
  8. "The Performance and Prospects of Small and Intermediate Size Cities in the Philippines", in O. Mathur (ed.), *Small Cities and National Development* (Nagoya: United Nations Centre for Regional Development, 1982), pp. 125-137.
  9. "Asian Urbanization and Development: A Comparative View", *Essays in Development Economics in Honor of Harry T. Oshima* (Manila: Philippine Institute for Development Studies, 1982), pp. 383-403. [Also in *Philippine Review of Economics and Business*, Vol. XIX (1982).]
  10. "Some Aspects of Urbanization and Agricultural Productivity" (with C. Luna and V.P. Hermoso), in E.M. Pernia et al., *The Spatial and Urban Dimensions of Development in the Philippines* (Manila: Philippine Institute for Development Studies, 1983), pp. 281-301.
  11. "Patterns and Determinants of Interregional Migration", (with V.C. Gonzales), in E.M. Pernia et al., *The Spatial and Urban Dimensions of Development in the Philippines* (Manila: Philippine Institute for Development Studies, 1983), pp. 303-317.
  12. "Small Cities and Regional Development in the Philippines", in O.P. Mathur (ed.), *The Role of Small Cities in Regional Development* (Nagoya: United Nations Centre for Regional Development, 1984), pp. 115-145.
  13. "The Growth of Small Cities and Their Role in Regional Development in the Philippines", *Urban Growth and Economic Development in the Pacific Region* (Taipei: Institute of Economics, Academia Sinica, 1985).
  - 14.\* "Introduction," (with R.J. Fuchs and G.W. Jones), in R.J. Fuchs, G.W. Jones and E.M. Pernia (eds.), *Urbanization and Urban Policies in the Asia-Pacific Region* (Boulder and London: Westview Press, 1987), pp. 1-12.
  - \*  
15. "External Economic Forces and National Spatial Development: Japanese Direct Investments in Pacific Asia", (with R.J. Fuchs), in R.J. Fuchs, G.W. Jones and E.M. Pernia (eds.), *Urbanization and Urban Policies in the Asia-Pacific Region* (Boulder and London: Westview Press, 1987), pp. 88-111.
  - \*  
16. "The Influence of Foreign Direct Investment on Spatial Concentration", (with R.J. Fuchs), in Frank J. Costa et al. (eds.), *Urbanization in Asia: Spatial Dimensions and*

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*Policy Issues* (Honolulu: University of Hawaii Press, 1989), pp. 387-410.

17. "Introduction and Perspective", *Human Resource Policy and Economic Development: Selected Country Studies* (Manila: Asian Development Bank, 1990).
- \*  
18. "Higher Education in Asia: Indonesia in Comparative Perspective, in Hal Hill (ed.), *Indonesia Assessment 1991*, Political and Social Change Monograph 13, Research School of Pacific Studies (Canberra: Australian National University, 1991), pp. 135-150.
- \*  
19. "Southeast Asia" in Richard Stren et al. (eds.), *Sustainable Cities: Urbanization and the Environment in International Perspective* (Boulder and Oxford: Westview Press, 1992), pp. 233-257.
- \*  
20. "Economic Growth Performance of Indonesia, the Philippines, and Thailand: the Human Resource Dimension", in N. Ogawa, G.W. Jones and J.G. Williamson (eds.), *Human Resources and Development Along the Asia-Pacific Rim* (New York and Singapore: Oxford University Press, 1993), pp. 159-174.
21. "An Overview", (with A. M. Balisacan and F. M. Medalla) in Balisacan, A. M., F. M. Medalla, and E. M. Pernia, *Spatial Development, Land Use, and Urban-Rural Growth Linkages in the Philippines*, (Manila: National Economic and Development Authority, 1994), pp. 1-12.
22. "Spatial Development, Urbanization and Migration Patterns in the Philippines" (with Rex David C. Israel), in Balisacan, A. M., F. M. Medalla, and E. M. Pernia, *Spatial Development, Land Use, and Urban-Rural Growth Linkages in the Philippines*, (Manila: National Economic and Development Authority, 1994), pp. 13-46
- \*  
23. "Introduction and Overview", (with Edwin S. Mills), in E. M. Pernia (ed.), *Urban Poverty in Asia: A Survey of Critical Issues* (New York and Hong Kong: Oxford University Press, 1994), pp. 1-51.
- 24.\* "Issues of Urban and Spatial Development", in E. M. Pernia (ed.), *Urban Poverty in Asia: A Survey of Critical Issues* (New York and Hong Kong: Oxford University Press, 1994), pp. 53-80.
25. "Population Distribution in Asia: A Region of Contrasts", *Population Distribution and Migration*, Population Division, Department of Economic and Social Affairs (New York: United Nations, 1998), pp. 102-116.
- \*  
26. "Brunei Darussalam-Indonesia-Malaysia-Philippines East ASEAN Growth Area", in M. Thant, M. Tang and H. Kakazu (eds.), *Growth Triangles in Asia: A New Approach to Regional Economic Cooperation* (New York and Hong Kong: Oxford University Press, 1998, Second Edition), pp. 373-411.
- \*  
27. "Poverty in Developing Countries", (with M. G. Quibria), in E. S. Mills and P.

- 
- Cheshire (eds.), *Handbook of Regional and Urban Economics*, Vol. 3, (Amsterdam: North Holland and Elsevier, 1999), pp. 1865-1934.
- 28.\* "Tourism and Development in the East ASEAN Growth Area", in Kee Pookong and Brian King (eds.), *Asia-Pacific Tourism: Regional Co-operation, Planning and Development* (Melbourne: Victoria University of Technology Press, 1999), pp. 47- 54.
29. "Financial Restructuring and Economic Perspectives in East Asia: Philippines," in Fu-chen Lo and T. Palanivel (eds.), *Financial Restructuring and Economic Perspectives in East Asia* (Tokyo: United Nations University, 1999), pp. 93-98.
30. "The Deeper Crisis: Social Consequences of the Financial Crisis in Asia," in *The New Social Policy Agenda in Asia* (Manila: ADB and World Bank, 2000), pp. 18-23.
- 31.\* "Population, Human Resources, and Employment" (with A. N. Herrin), in A. Balisacan and H. Hill (eds.), *The Philippine Economy: Development, Policies, and Challenges* (New York: Oxford University Press, 2003), pp. 283-310.
- 32.\* "Introduction" (with A. B. Deolalikar), in E. M. Pernia and A. B. Deolalikar (eds.), *Poverty, Growth, and Institutions in Developing Asia* (London and Tokyo: Palgrave Macmillan, 2003), pp.1-9.
- 33..\* "Poverty Reduction: Approaches and the Role of Political Institutions" (with A. B. Deolalikar), in E. M. Pernia and A. B. Deolalikar (eds.), *Poverty, Growth, and Institutions in Developing Asia* (London: Palgrave Macmillan, 2003), pp. 13-38.
- 34.\* "Revisiting Growth and Poverty Reduction in Indonesia" (with A. Balisacan and A. Asra), in E. M. Pernia and A. B. Deolalikar (eds.), *Poverty, Growth, and Institutions in Developing Asia* (London: Palgrave Macmillan, 2003), pp. 191-218.
- 35.\* "Poverty, Inequality, and Growth in the Philippines" (with A. Balisacan), in E. M. Pernia and A. B. Deolalikar (eds.), *Poverty, Growth, and Institutions in Developing Asia* (London: Palgrave Macmillan, 2003), pp. 219-246.
- 36.\* "Economic Growth and Poverty Reduction in Viet Nam" (with A. Balisacan and G. Estrada), in E. M. Pernia and A. B. Deolalikar (eds.), *Poverty, Growth, and Institutions in Developing Asia* (London: Palgrave Macmillan, 2003), pp. 273-296.
37. "ASEAN Economic Community: Implications for Poverty Reduction in Southeast Asia" (with A. Asra and G. Estrada) in D. Hew (ed.), *Roadmap to an ASEAN Economic Community* (Singapore: Institute of Southeast Asian Studies, 2005), pp. 218-245.
38. "Diaspora, Remittances, and Poverty," in R. Severino and L. Carlos Salazar (eds.), *Whither the Philippines in the 21<sup>st</sup> Century* (Singapore: Institute of Southeast Asian Studies, 2007), pp. 222-245.
39. "Science and Technology in Economic Development," (with R. V. Azanza, G. P. Concepcion, A. B. Culaba, F. M. Dayrit, and C. A. Saloma), in G. Padilla-Concepcion, E. Padlan and C. Saloma (editors), *Selected Essays on Science and*

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*Technology for Securing a Better Philippines* (Quezon City: University of the Philippines Press, 2008), pp. 6-9.

40. "Pro-poor Growth Better than Pro-poor Programs," in G. Padilla-Concepcion, E. Padlan and C. Saloma (editors), *Selected Essays on Science and Technology for Securing a Better Philippines* (Quezon City: University of the Philippines Press, 2008), pp. 483-485 .
41. "Population, Economy, and Poverty," in G. Padilla-Concepcion, E. Padlan and C. Saloma (editors), *Selected Essays on Science and Technology for Securing a Better Philippines* (Quezon City: University of the Philippines Press, 2008), pp. 479-482.
42. "Population and the Future of Children," in F. Rosario-Braid, R. Tuazon, and A. L. Lopez (editors), *The Future of Filipino Children: Development Issues and Trends* (Manila: UNICEF and Asian Institute of Journalism and Communication, 2011), pp 116-133.
43. "Infrastructure and Inclusive Growth," (with D. Brooks, G. Sugiyarto, et al.) in D. Brooks (editor), *Infrastructure for Supporting Inclusive Growth and Poverty Reduction in Asia* (Manila: Asian Development Bank, 2012), pp. 21-35.
44. "Effects of Global Crisis on Remittances and Poverty in Asia" (with Guntur Sugiyarto), *Global Crisis, Remittances, and Poverty in Asia* (Manila: Asian Development Bank, 2012), pp. 5-30.

D. Discussion Papers

"Prospects of Japanese Tourism Abroad", Economic Staff Working Paper No. 110, World Bank, Washington, D.C., July 1971.

"Small-Scale Industry Development Project: Economic and Social Impact Analysis", (with Antonio Lim), ESIA/WID Discussion Paper No. 79-21, Philippine Center for Economic Development, June 1979.

"Micro-Level Implications of Population Growth", in *Essays on the Economics of Fertility, Population Growth and Public Intervention in a Developing Country: The Philippines* (with A.N. Herrin and V.P. Paqueo), Discussion Paper No. 8212, UP School of Economics (1982).

"An Empirical Analysis of the Effects of Income and Education on Fertility in Indonesia", (with Prabowo), Discussion Paper Series No. 82-12, Council for Asian Manpower Studies, Manila, November 1982.

"Implications of Urbanization for Food Policy Analysis in Asian Countries", NUPRI Research Paper Series, No.26 (Tokyo: Nihon University, 1985), 30 p.

"Migration, Development and Employment in East and Southeast Asia", Working Paper No. 151, World Employment Programme Research, (Geneva: ILO, October

1985).

"A Demographic Perspective on Developing Asia and Its Relevance to the Bank," Economics Office Report Series, No. 40 (Manila: Asian Development Bank, May 1987).

"The Employment Problem in the Context of Economic Slowdown: The Case of Indonesia", NUPRI Research Paper Series, No. 44 (Tokyo: Nihon University), March 1988, 29 p.

"Education and Labor Markets in Indonesia: A Sector Survey" (with D.N. Wilson), Asian Development Bank Economic Staff Paper No. 45 (Manila: Asian Development Bank, September 1989).

"Urbanization, Population Distribution and Economic Development in Asia", EDRC Report Series, No. 58 (Asian Development Bank, February 1993), 24 p.

"Aspects of Urban Water and Sanitation in the Context of Rapid Urbanization in Asia", (with Stella LF. Alabastro), Economic Staff Paper No. 56 (Manila: Asian Development Bank, September 1997).

"Population Growth and Economic Development in the Philippines: What Has Been the Experience and What Must Be Done?" (with A. C. Orbeta, Jr.), Discussion Paper Series No. 99-22, Philippine Institute for Development Studies (August 1999).

"Social Consequences of the Financial Crisis in Asia", (with J. C. Knowles and Mary Racelis), Economic Staff Paper No. 60 (Manila: Asian Development Bank, November 1999).

"Is Growth Good Enough for the Poor?," EDRC Policy Brief No. 1, Asian Development Bank (October 2001).

"What Else Besides Growth Matters to Poverty Reduction? Philippines" (with A. M. Balisacan), ERD Policy Brief No. 5, Asian Development Bank (February 2002).

"Probing Beneath Cross-National Averages: Poverty, Inequality, and Growth in the Philippines" (with A. M. Balisacan), ERD Working Paper No. 7, Asian Development Bank (March 2002).

"Revisiting Growth and Poverty Reduction in Indonesia: What Do Subnational Data Show?," (with A. M. Balisacan and A. Asra), ERD Working Paper No. 25, Asian Development Bank (October 2002).

"Is Economic Openness Good for Regional Development and Poverty Reduction? The Philippines" (with P. F. Quising), ERD Policy Brief No. 10, Asian Development Bank (October 2002).

"Infrastructure and Poverty Reduction – What is the Connection?" (with I. Ali), ERD Policy Brief No. 13, Asian Development Bank (January 2003).

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“Economic Openness and Regional Development in the Philippines” (with P. F. Quising), ERD Working Paper No. 34, Asian Development Bank (January 2003).

“Pro-Poor Growth: What is It and How is It Important?,” ERD Policy Brief No. 17, Asian Development Bank (June 2003).

“Economic Growth and Poverty Reduction in Viet Nam” (with A. M. Balisacan and G. Estrada), ERD Working Working Paper No. 42, Asian Development Bank (June 2003).

“The Deepening Crisis: The Real Score on Deficits and the Public Debt” (with UPSE 10 other faculty members), Discussion Paper No. 0409, UP School of Economics (August 2004).

“Population and Poverty: The Real Score” (with 21 other faculty members), Discussion Paper No. 0415, UP School of Economics (December 2004).

“Investment Climate and Regional Development in the Philippines,” Discussion Paper No. 0501, UP School of Economics (January 2005).

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E. Published short articles of general interest

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“A tough nut to crack,” Introspective, *BusinessWorld*, May 6, 2013, p. S1/5.

“Science and heaven,” Op-ed commentary, *Philippine Daily Inquirer*, May 20, 2013.

F. Participation as Speaker in Major International Conferences (since 1995 only)

“Enhancing Opportunities for Inclusive Growth,” Asian Development Bank, Manila, 7 December 2011 (Discussant).

“World at 7 Billion Report Media Launch,” UNFPA, Manila Hotel, 26 October 2011.

“Demographic Transition and Economic Growth in Asia,” Asian Development Bank, Manila, 22 July 2011 (Discussant).

“Promoting Quality Employment in Asia,” Asian Development Bank, Manila, 17-18 May 2011 (Discussant).

“Infrastructure Development for Inclusive Growth,” Asian Development Bank, Manila, 14-15 April 2011 (Discussant).

“The Middle Class in Asia: Emerging Trends and Patterns and Their Implications,” Asian Development Bank, Manila, 27 May 2010 (Discussant).

“Equity in the Delivery of Public Services in Selected Developing Member Countries,” Asian Development Bank, Manila, 26 April 2010.

Philippine-American Academy of Science and Engineering Annual Meeting, Ateneo de Manila University, Quezon City, July 2009; presented plenary paper on “Philippine Economic Prospects, Challenges and Opportunities”.

“Remittances, Economic Growth and Poverty Reduction,” Asian Development Outlook Update, Asian Development Bank, Manila, 17 July 2009 (Discussant).

Philippine-American Academy of Science and Engineering Annual Meeting, University of California, Davis, 14-15 July 2006; presented paper on “Diaspora, Remittances, and Poverty in RP’s Regions”.

“Whither the Philippines in the 21<sup>st</sup> century,” Institute of Southeast Asian Studies, Singapore, 13-14 July 2006.

Philippine-American Academy of Science and Engineering Annual Meeting, Cebu City, 24-26 June 2005; presented paper on “Investment Climate, Productivity, and Regional Development in the Philippines”.

“International migration regimes and economic development,” Swedish Ministry for Foreign Affairs’ Expert Group on Development Issues, Stockholm, 13 May 2004.

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“Addressing income inequality in middle-income countries,” UK’s Department for International Development and Overseas Development Institute, London, 4-5 December 2003.

“ASEAN roundtable 2003: roadmap to an ASEAN economic community,” Institute of Southeast Asian Studies, Singapore, 20-21 August 2003.

“Infrastructure investment for poverty reduction: what do we know?,” Asian Development Bank Institute, Tokyo, 12-13 June 2003.

27<sup>th</sup> Annual Meeting of the Federation ASEAN Economic Associations, Hanoi, 20-21 December 2002.

“Poverty alleviation and social stability,” Malaysian Institute of Economic Research, Kuala Lumpur, 22-23 October 2002.

“The impacts of globalization on urban development,” Rockefeller Foundation, Bellagio, Italy, 19-22 August 2002.

“Poverty eradication: meeting international targets,” Wilton Park, West Sussex, UK, 3-7 September 2001.

“Impact of the economic crisis in Asia and social safety nets,” Asian Development Bank Institute, Tokyo, 19-20 March 2001.

“Regional outlook forum 2001,” Institute of Southeast Asian Studies, Singapore, 5 January 2001.

“Second global forum on human development,” UNDP Human Development Report, Rio de Janeiro, 9-10 October 2000.

“Social impacts of the Asian economic crisis,” Thailand Development Research Institute, Bangkok, 26 May 2000.

“Financial restructuring and economic perspectives in East Asia,” United Nations University, Tokyo, 15 May 1999.

“Sustainable urban competitiveness: rethinking East Asian cities,” Seoul Metropolitan Fora 98, Seoul, August 1998.

“Second consultative meeting of economists on population growth and economic development,” UNFPA, New York, 11-12 April 1995.

#### G. Media citations and interviews

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#### H. Unpublished Reports

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