

**ELIZABETH M. KING** is currently Non-resident Senior Fellow at the Brookings Institution, Commissioner of 3ie, Technical Adviser to the World Bank's SABER program, and co-Editor of *Comparative Education Review*. She was the World Bank's Director of Education in 2009-2014 and Acting Vice President for Human Development in 2013-2014. In these positions, she was the World Bank's senior spokesperson and professional head for global policy and strategic issues related to education and human development. She has published on topics such as household investments in human capital and the link between these investments and poverty and economic development; gender issues in development; education finance, and the impact of decentralization reforms. She has worked extensively on economic and education issues in several developing countries. Ms. King has a Ph.D. in Economics from Yale University and a Masters and BA (Economics) degrees from the University of the Philippines.

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## **PROFESSIONAL EXPERIENCE**

*Non-resident Senior Fellow*, The Brookings Institution, Washington, DC, March 2015-present

*Consultant*, Research team of the International Commission on Financing Global Education Opportunity (Chaired by Honorable Gordon Brown), November 2015-September 2016

*Acting Vice President and Head of the Human Development Network*, The World Bank, Washington, DC, 2013 –2014

Chair of the Human Development Council which consisted of regional Sector Directors for Human Development who had responsibility for lending and non-lending activities related to education, health, nutrition, population, social protection and labor; and most senior manager of the vice-presidential unit consisting of about 200 staff. With the new structure of the World Bank, launched on July 1, 2014, this temporary position disappeared.

*Director, Education*, The World Bank, Washington, DC, 2009 –2014

World Bank's senior spokesperson for global policy and strategic issues related to education. Professional head of about 200 staff and at least as many long-term consultants based in Washington DC and 70-plus country offices who are engaged in lending and non-lending work related to education. Chair of the Education Sector Board which consisted of the managers of staff in six regional vice-presidencies and in the research department, with the authority and responsibility for strategy implementation and staff evaluation and promotion and talent management. Member of the Bank's Human Development Council which consisted of the directors of all human development departments across the Bank. Director of a policy department who undertook research, produced technical and policy reports, managed the country-level database on education indicators, and provided on-demand technical support to operational project teams. World Bank's senior representative to the Global Partnership on Education which consisted of representatives of multilateral organizations, bilateral donor agencies, private foundations and enterprises, and civil society organizations.

Member, Economists' Panel, which evaluated and cleared the promotion of human development economists to the highest technical level.

*Research Manager*, World Bank, 2005-09

Within the Development Research Group, managed a team of about 15 researchers (mostly economists, but also public policy specialists and a demographer, all with PhD degrees) plus research assistants and administrative support staff. The research focuses on human development issues (education, health, nutrition, employment, poverty). Member of Public Sector & Governance Sector Board, Education Sector Board, the Health, Nutrition & Population Sector Board, Social Protection Sector Board, and the Gender and Development Board, each of which consists of all World Bank managers in these respective areas, with the authority and responsibility for strategy implementation and staff evaluation and promotion and talent management.

*Lead Economist*, Human Development Department, East Asia & Pacific Region, World Bank, 2002-05. Provided oversight of the quality of the analytical program related to the countries in the region, as part of the regional management team. Led study teams, including on Indonesia, Laos, and the Philippines, comprising international and local experts and Bank staff.

*Other positions* held at the World Bank, 1987-2002. Economist, Population and Human Resources Department. Lead Economist, Development Research Group. Core Team, World Development Reports, 1991, 1998/9, 2007.

*Visiting Lecturer*, Centre d'Etudes et de Recherches sur le Developpement International (CERDI), University of Auvergne, Clermont Ferrand, France. As guest lecturer, taught graduate students, French and international students, the economics of education on an intensive schedule for one week in October 2008

*Visiting Lecturer*, National Graduate Research Institute for Policy Studies (GRIPS), Tokyo, Japan, August 2006. As guest lecturer, taught Japanese and international graduate students, the economics of education on an intensive schedule for one week, August 2006

*Economist*, RAND Corporation, Santa Monica, California, 1983-84, 1985-87

*Lecturer*, University of California, Los Angeles, CA, Economics Department, 1983-84, 1985-87

*Assistant Professor*, Tulane University, Economics Department, New Orleans, 1984-85

*Instructor*, University of Philippines at Los Baños, Economics Department, 1976-77

## **OTHER PROFESSIONAL ACTIVITIES**

Board Member, International Development Coordinating Group for Campbell Collaboration, November 2017-present

Advisor, Echidna Giving, December 2017-present

Board Member, Room to Read, November 2016-present

Commissioner, International Initiative for Impact Evaluation (3ie), June 2015- present

Technical Advisor, RISE Project, Oxford University, September 2015-2016

Member, Global Advisory Council, Teach for All, 2014-present

Member, International Advisory Panel, *Millions Learning*, 2013-2016

Co-Editor, *Comparative Education Review*, 2013-present

Member, Steering Group, UN Learning Metrics Task Force, 2012-2015

Member, Technical Advisory Group, UN Secretary-General's Education First Initiative, 2012-2014

Member, Steering Committee, World Bank's Africa Gender Innovation Lab, 2010-present

Member, Advisory Board, UNESCO Institute of Statistics, 2010-2014

Member, Advisory Board, Global Monitoring Report, UNESCO, 2009-2014

Member, Board of Directors, Global Partnership for Education, 2009-2014

Member, Advisory Board, Hewlett & Gates Foundation Grant Program on Quality Education in Developing Countries, 2009-2014

Member, Research Committee, World Bank, 2009-2014

Member, Technical Committee for Spanish Impact Evaluation Trust Fund, World Bank, 2007-08

Member, Economics Reference Group, World Bank/UNAIDS/Global Fund, 2007-2009

Member, World Bank Diversity & Inclusion Advisory Group (DIAG), 2007-2014

Coordinator, Diversity & Inclusion, Development Economics Vice Presidency, World Bank, 2007-2009

Coordinator, Development Grant Fund Program (World Bank), Education Policy Research Initiative, 2003-2006

Editorial Board member, *World Bank Economic Review*, 2003-04, 2007-2009

Editorial Board member, *Education Evaluation and Policy Analysis*, 1998-2002

Referee for professional journals—*American Economic Review, Economic Development and Cultural Change, Journal of Human Resources, Demography, Economics of Education Review, Journal of Health Economics, Journal of Labor Economics, World Bank Economic Review, Journal of Development Economics, Journal of Development Studies, Comparative Education Review, World Development, Comparative Education Review*

## **PROFESSIONAL COUNTRY EXPERIENCE**

Includes operational work and/or advisory & research services

Africa: Ethiopia, Ghana

Asia: Bangladesh, Bhutan, China, Indonesia, Lao PDR, Malaysia, Pakistan, Philippines

Latin America: Brazil, Colombia, Nicaragua, Peru

Industrial countries: Russia, United States

## **EDUCATION**

Doctor of Philosophy (Economics), Yale University, New Haven, CT, 1982

Masters of Philosophy (Economics), Yale University, New Haven, CT, 1979

Economics Summer Program, University of Colorado, Boulder, CO, 1977

Masters of Arts (Economics), University of the Philippines, Quezon City, Philippines, 1977

Bachelor of Arts, University of the Philippines, Quezon City, Philippines, 1974

## **FELLOWSHIPS**

Postdoctoral Fellow, Economics Department, RAND Corporation, Santa Monica, CA, 1982-83

Battelle Population and Development Policy Program, Dissertation Fellowship, 1979-1981

Agricultural Development Council, Inc., 1977-1981

University of the Philippines Economics Department Fellowship, 1975-76

## **PUBLICATIONS**

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

"The present and future of time-use analysis in developing countries," *Asia-Pacific Population Journal*, Vol. 31/1, 2016 (with M. Floro)

"Incentives and teacher effort." *Economics of Transition* 24 (4, 2016): 621-660 (with H. Dang)

- “Promotion with and without Learning: Effects on Student Enrollment and Dropout Behavior.” *World Bank Economic Review*, 30, no. 3 (2016): 580-602. (with P. Orazem and E. Paterno)
- “Avoiding “Tiger” Traps: How Human Capital Can Propel Countries beyond Middle-Income Status in East Asia.” PAFTAD. July 2015. (with E. Jimenez)
- “Economic Freedom, Human Rights, and the Returns to Human Capital: An Evaluation of the Schultz Hypothesis,” *Economic Development and Cultural Change*, 61(1, 2012): 39-72 (with P. Orazem and C. Montenegro). Also Policy Research Working Paper Series Number 5405, World Bank, Washington DC, 2010.
- “Student and Teacher Attendance: The Role of Shared Goods in Reducing Absenteeism,” *Economics of Education Review*, 31(5, 2012): 563-574 (with R. Banerjee, P. Orazem and E. Paterno). Also Staff General Research Papers 32167, Iowa State University, Department of Economics, 2010.
- “Timing and Duration of Exposure in Evaluations of Social Programs.” *World Bank Research Observer* 24(1, February 2009): 55-82 (with J. Behrman). Also Policy Research Working Paper Number 4686, World Bank, Washington DC, August 2008.
- “A Better Start in Life: Evaluation Results from an Early Childhood Development Program,” *Philippine Journal of Development* 33 (1-2, 2006); reprinted in J. Capuno and A. Orbeta (eds.), *Human Capital and Development in the Philippines* (2008), 601-633 (with S. Gultiano)
- “Early childhood development: A review of findings from a longitudinal study in the Philippines,” *East Asian Economic Perspectives* 17(2, 2006): 1-24. (with S. Ghuman, J. Behrman, S. Gultiano, and others)
- “Testing for Pay and Promotion Bias in an International Organization,” *International Journal of Manpower* 26 (5, 2005) (with D. Filmer and D. van de Walle)
- “Family Background, Service Providers, and Early Childhood Development in the Philippines: Proxies and Interactions,” *Economic Development and Cultural Change* 54 (October, 2005): 129-164. (with S. Ghuman, J. Behrman, J. Borja, and S. Gultiano)
- “After the Crash: Compensation and Economic Loss Following Aviation Accidents,” *Law and Economics* 2004 (with J. P. Smith)
- “Vouchers for Private Schooling in Colombia: Evidence from a Randomized Natural Experiment,” *American Economic Review* 92 (5, December, 2002): 1535-59 (with J. Angrist, E. Bettinger, E. Bloom and M. Kremer).
- “Market Wages, Transfers, and Demand for Schooling in Malaysia, 1976-1989,” *Journal of Development Studies* 39(3, February 2002): 1-28. (with K. H. Anderson and Y. Wang).
- “The Impact of Early Childhood Nutritional Status on Cognitive Development: Does the Timing of Malnutrition Matter?” *World Bank Economic Review* 15 (1, January 2001): 81-113 (with P. Glewwe)

- “Early Childhood Nutrition and Academic Achievement: A Longitudinal Analysis,” *Journal of Public Economics* 81 (3, 2001): 345-368. (with P. Glewwe and H. Jacoby)
- “Household Schooling Behaviors and Decentralization,” *Economics of Education Review* 20 (3): 321-341, 2001 (with J. Behrman)
- “Evaluating Education Reforms: Four Cases in Developing Countries,” *World Bank Economic Review* 13(3): 409-414, 1999 (with P. Orazem) (Introduction to Symposium on Education Reforms).
- “Central Mandates and Local Incentives: Colombia’s Targeted Voucher Program,” *World Bank Economic Review* 13 (3): 467-491, 1999 (with P. Orazem and D. Wohlgenuth)
- “Gender Differences in Parental Investment in Education,” *Social Change and Economic Development* 9: 453-468, 1998 (with H. Alderman)
- "A New Cross-Country Education Stock Series Differentiated by Age and Sex," *Journal of Educational Planning and Administration* XI (1): 5-24, 1997 (with A. Dubey)
- "Finance, Management, and Costs of Public and Private Schools in Indonesia," *Economics of Education Review* 15(4): 387-98, 1996 (with E. James and A. Suryadi)
- "Education, Work and Earnings of Peruvian Women," *Economics of Education Review* 15(3): 213-30, 1996.
- "Women's Education and Economic Well-Being," *Feminist Economics* 1(2): 1-26, 1995. (with M. A. Hill)
- "What Factors Shape Girls' School Performance? Evidence from Ethiopia." *International Journal of Educational Development* 11(2): 107-118, 1991. (with S. Abraha, A. Beyene, T. Dubale, B. Fuller, and S. Holloway)
- "Education Policy and Schooling Attainment in Malaysia and the Philippines," *Economics of Education Review* 6(2): 167-181, 1987 (with L. A. Lillard).
- "Intergenerational Change in the Status of Filipino Women," *Philippine Population Journal* 2 (Mar-Dec, 1986): 1-31 (with L. Domingo)
- "Time Allocation and Home Production in Rural Philippines Households," *The Philippine Economics Journal* XVII (36), 1978.
- "Employment in Export-Oriented Manufacturing Industries," *The Philippine Review of Business and Economics*, Vol. XI, 1974.

### **Book Chapters**

- “Gender and overlapping sources of education inequality,” in *Handbook of Research on Gender and Economic Life* (edited by D. Figart and T. Warnecke), Edward Elgar, 2013 (with V. Nguyen)
- “The Skills of the Tigers,” in *Human Capital Formation and East Asian Growth* (edited by W. Dobson), Routledge: London, 2013 (with E. Jimenez)

- “Ethnic Minorities and Living Standards in Lao PDR,” in *Indigenous Peoples, Poverty and Development* (edited by G. Hall and H. Patrinos), Cambridge University Press, 2012 (with D. van de Walle)
- “Gender, Poverty and Institutions: Intersecting sources of education inequality,” in UNGEI, *Engendering Empowerment: Education & Equality*. United Nations, NY, 2012 (with V. Nguyen)
- “Women and development.” Chapter in B. Lomborg (ed.), *Global Crises, Global Solutions: Costs & Benefits*. Second Edition. Cambridge University Press, 2009 (with S. Klasen and M. Porter)
- “Schooling in Developing Countries: The Roles of Supply, Demand and Government Policy,” Chapter 55, *Handbook of Development Economics*, Volume 4, T.P. Schultz and J. Strauss (eds.). Amsterdam: Elsevier B. V. Press, 2008 (with P. Orazem)
- “Program Impact and Variation in the Duration of Exposure,” Chapter 6, M. Goldstein and J. Das (eds.), *Are You Being Served?* Washington, DC: The World Bank, 2008 (with J. Behrman)
- “Girls in Lao PDR: Ethnic affiliation, poverty and location,” Chapter 2, *Exclusion, Gender and Education: Case Studies from Developing Countries*, M. Lewis and M. Lockheed (eds.), 2007, pp. 31-40. Washington, DC: Center for Global Development, 2007 (with D. van de Walle)
- "Promoting Gender Equality and Women's Empowerment," Chapter 3, *Global Monitoring Report. Confronting the Challenges of Gender Equality and Fragile States*. Washington DC: The World Bank, 2007 (with M. Buvinic, A. Morrison and N. Sinha)
- “Education Reforms in East Asia: Policy, Process and Impact.” Chapter 9, *East Asia Decentralizes: Making Local Government Work*. Washington, DC: The World Bank, 2005 (with S. Cordeiro-Guerra)
- “Does Education Promote Growth and Democracy? Some Evidence from East Asia and Latin America,” in L. Whitehead (ed.), *Emerging Market Democracies: East Asia and Latin America*. Baltimore, MD: Johns Hopkins University Press, 2002 (with A. Basu)
- "Who Really Pays for Education in Indonesia? The Role of Government and Families." In C. Colclough (ed.), *Marketizing Education and Health in Developing Countries: Miracle or Mirage?* Oxford: Clarendon Press, 1997.
- "Closing the Worldwide Gender Gap in Education" in United Nations Division for the Advancement of Women, *Gender, Education and Training*. (New York). Publication for the Beijing Conference, 1995
- "Economics of Gender and Educational Choices," *International Encyclopedia of Education*. Second Edition. Oxford, UK: Elsevier Science Ltd., 1994. Revised version in *International Encyclopedia of Economics of Education*, 1995.

- "The Role of the Family in the Process of Entry to Marriage in Asia," in *Family Systems and Cultural Change*, E. Berquo and P. Xenos (eds.). Oxford: Clarendon Press for IUSSP, 1994, (with L. Domingo)
- "Economics of Gender and Educational Choices," *International Encyclopedia of Education*. UK: Pergamon Press, 1994
- "Strengthening Financial Support for Primary Education," in *Improving Primary Education in Developing Countries*, Lockheed, M. and A. Verspoor (eds.). Washington, DC: Oxford University Press for the World Bank, 1992 (with V. Paqueo)
- "The Effect of Family Size and Family Welfare: What Do We Know?" in *Population Growth and Economic Development*, G. Johnson and R. Lee (eds.). Washington, DC: National Academy Press, 1987.
- "Time Allocation and Home Production in Philippine Rural Household," in M. Buvinic, M. Lycette and W. P. McGreevey (eds.), *Women and Poverty in the Third World*. Baltimore, MD: Johns Hopkins University Press, 1983 (with R. E. Evenson).
- "Nutrition, Work and Demographic Behavior in Rural Philippine Households: A Synopsis of Several Laguna Household Studies," in H. Binswanger, et al. (eds.), *Rural Household Studies in Asia*. The Agricultural Development Council, Singapore University Press, 1980. (with R. E. Evenson and B. M. Popkin)

### ***Books and published reports***

- Intelligence, personality, and creativity: unleashing the power of intelligence and personality traits to build a creative and innovative economy*. Washington, DC: World Bank Group, 2014. (with H. Rogers) <http://documents.worldbank.org/curated/en/319691468340199>
- Getting to Equal: Promoting Gender Equality through Human Development*. The World Bank, Washington, DC, 2011.
- Learning for All: Investing in People's Knowledge and Skills to Promote Development*. The World Bank, Washington, DC, 2011. (Executive Summary in English, Arabic, Chinese, French, Portuguese, Spanish)
- World Development Report 2007. The Next Generation*. The World Bank, 2007.
- Making Services Work for the Poor in Indonesia*. 2006. The World Bank, Indonesia Country Office, Jakarta. (with V. Paqueo, M. Pradhan, D. Filmer, S. Guggenheim, A. Klaasen)
- Global Monitoring Report. 2007*. The World Bank, Washington, DC
- Lao PDR Poverty Assessment Report: From Valleys to Hilltops—15 Years of Poverty Reduction*. The World Bank, Report No. 38083-LA. September, 2006. Background paper on education.
- Education Policy Notes (4)*. Philippines. 2004 and 2005.
- Improving Education Quality*. Education Policy Note, Indonesia. 2004.

- Education in Indonesia: Managing the Transition to Decentralization.* August, 2004 (translation into Indonesian, 2005)
- Philippines. Education Policy Reforms in Action: A Review of Progress Since PESS and PCER.* 2004.
- Philippines. Human Development for Peace and Prosperity in the Autonomous Region in Muslim Mindanao.* 2003.
- Engendering Development--Through Gender Equality in Rights, Resources, and Voice.* New York: Oxford University Press for the World Bank. January 2001. (with A. Mason). (in English, Arabic, French, Chinese, Indonesian, Japanese, Russian, Spanish, Vietnamese)
- Brazil. Secondary Education in Brazil. Time to Move Forward. Report No. 19409-BR.* March 20, 2000.
- Philippines. Education for the 21<sup>st</sup> Century. The 1998 Philippines Education Sector Study.* 1999.
- World Development Report 1998. Knowledge for Development.* 1998.
- Algeria. Public Expenditure Review.* 1996.
- Women's Education in Developing Countries (Benefits, Barriers and Policy).* Baltimore, MD: Johns Hopkins University Press, 1993 (edited with M. A. Hill)
- Indonesia. Public Expenditures, Prices and the Poor. A Poverty Report.* December 1992.
- Ghana. 2000 and Beyond (Setting the Stage for Accelerated Growth and Poverty Reduction).* 1992.
- World Development Report 1991. The Challenge of Development.* 1991.
- Educating Girls and Women: Investing in Development.* (Pamphlet prepared for the World Conference on Education for All, Jomtien, Thailand, March 1990). The World Bank. 1990.
- Bangladesh. Public Expenditure Review.* 1988.
- Computing Economic Loss in Cases of Wrongful Death.* The RAND Corporation, R-3549-ICJ, Santa Monica CA, 1988 (with J. P. Smith)
- Dispute Resolution Following Airplane Crashes.* The RAND Corporation, R-3585-ICJ, Santa Monica CA, 1988 (with J. P. Smith)
- Economic Loss and Compensation in Aviation Accidents.* The RAND Corporation, R-3551-ICJ, Santa Monica CA, 1988 (with J. P. Smith)
- Costs and Compensation Paid in Aviation Accident Litigation.* The RAND Corporation, R-3421-ICJ, Santa Monica CA, 1988 (with J. S. Kakalik, M. Traynor, P. Ebener, L. Picus)
- Working Papers and Unpublished Papers***

- “More than schooling: Understanding gender differences in the labor market when measures of skill are available,” Processed, 2017 (with D. Gunewardena and A. Valerio)
- “The Quality of Educational Systems and Educational Outcomes: An Exploratory Analysis,” Processed, September 2016. Background paper for the International Commission on Financing Global Education (with J. Newman and H. Abdul-Hamid)
- “How Life Expectancy at Birth Affects Schooling Investment and Lifetime Earnings: Evidence from Cross-Country Household Surveys,” Processed, July 2016. (with M. Hoque, P. Orazem and C. Montenegro)
- “Today’s Challenges for Girls’ Education,” Working Paper 90, The Brookings Institution, June 2015. (with R. Winthrop)
- “Education, skills and economic growth in Central America,” Global Dialogue, George Washington University. Paper prepared for Global Dialogue-Korea Development Institute Conference on Central America, Seoul, April 2015.
- “Learning for All: Implementing the WBG’s Education Strategy,” Processed, The World Bank, June 2013
- “Schooling and Poverty in Lao PDR,” Working Paper, The World Bank, East Asia and the Pacific, Human Development Department. 2007. (with D. van de Walle)
- “Contracting for Health: Evidence from Cambodia,” 2007. (with I. Bhushan, E. Bloom, D. Clingingsmith, R. Hong, M. Kremer, B. Loevinsohn, and J. B. Schwartz)  
<http://www.brookings.edu/views/papers/kremer/20060720cambodia.pdf>.
- “Early Childhood Development through an Integrated Program: Evidence from the Philippines.” Policy Research Working Paper 3922, World Bank, Washington DC. May, 2006. (with G. Armeccin, J. Berhman, S. Ghuman, S. Gultiano, and others)
- “The Effects of Family Background and School Quality on Low and High Achievers: Determinants of Academic Achievement in the Philippines.” Processed, September 2003. (with M. Bacolod)
- “Decentralization and Student Achievement: International Evidence on the Roles of School Autonomy and Community Participation,” Paper presented at Fourth Annual Global Development Conference *Globalization and Equity*, Cairo, Egypt: January 19-21, 2003 (with P. Orazem and V. Gunnarsson)
- “Decentralization of the education sector” in J. Litvack and J. Seldon (eds.), *Decentralization Briefing Notes*. Washington, DC: World Bank Institute Working Papers, 1999. (with K. McLean)
- “Competition and Gender Gaps in Wages: Evidence from 16 Countries,” Processed, October 1999 (with J. Behrman)

- “Promotion with and without Learning: Effects of Student Dropout,” Working Paper Series on Impact Evaluation of Education Reforms No. 18, Development Research Group, The World Bank, September 1999. (with P. Orazem and E. Paterno)
- “What’s Decentralization Got To Do With Learning? The Case of Nicaragua’s School Autonomy Reform,” Working Paper Series on Impact Evaluation of Education Reforms No. 9, Development Research Group, The World Bank, 1998. June 1998. (with B. Ozler)
- “Pay and Grade Differentials at the World Bank,” Policy Research Working Paper 1912, Development Research Group, The World Bank, April 1998. (with D. Filmer, M. Grosh and D. van de Walle).
- “Gender Disparity in South Asia: Comparisons between and within Countries.” January 1998. Policy Research Working Paper 1867, Development Research Group, The World Bank (with D. Filmer and L. Pritchett)
- “Colombia’s Targeted Education Voucher Program: Features, Coverage, and Participation,” Working Paper Series on Impact Evaluation of Education Reforms No. 3, Development Research Group, The World Bank, 1997. (with L. Rawlings, M. Gutierrez, C. Pardo, C. Torres)
- “Are Decentralized Schools Better Schools? An Economic Model of Learning and Demand for Education.” Processed, March 1997. (with H. Akabayashi)
- “Nicaragua’s School Autonomy Reform: A First Look,” Working Paper Series on Impact Evaluation of Education Reforms No. 1, Development Research Group, The World Bank, 1996 (with L. Rawlings, B. Ozler)
- “Impact Evaluation of Education Projects Involving Decentralization and Privatization,” Working Paper Series on Impact Evaluation of Education Reforms, No. 0, Development Research Group, The World Bank, 1996
- “Does the Price of Schooling Matter? Fees, Opportunity Costs, and Enrollment in Indonesia.” Paper presented at the American Economic Association Annual Meetings, San Francisco, CA, January 1996
- “Work, Earnings, and Adult Morbidity: A Partial Estimate of the Burden of Illness in Developing Countries.” July 1995. Processed. (with Y. Wang)
- “Women’s Education and Economic Well-Being.” Discussion Paper No. 30, Center for Economic Research and Graduate Education, Charles University, and the Economics Institute of the Academy of Sciences of the Czech Republic, March 1994. (with M. A. Hill)
- “Gains in the Education of Peruvian Women, 1940 to 1980,” In B. Herz and S. Khandker (eds.), *Women’s Work, Education, and Family Welfare in Peru*, World Bank Discussion Papers No. 116, 1991 (with R. Bellew)
- “Does Education Pay in the Labor Market? The Labor Force Participation, Occupation, and Earnings of Peruvian Women,” The World Bank, *LSMS Working Papers* Number 67, 1990
- “The Effects of Peru’s Push to Improve Education,” The World Bank, PPR Working Paper Series 172, March 1989

“Change in the Status of Women across Generations in Asia”, The RAND Corporation, R-3399-RF, Santa Monica CA, December 1986.

Drawing of Bijan, *Mellat-e-Bidar* 4(1), January 1986

“Methods for Analyzing Schooling Choice with Household Survey Data”, The RAND Corporation, N-1963-AID, Santa Monica CA, July 1984 (with L. A. Lillard).

“Determinants of Schooling Attainment and Enrollment Rates in the Philippines”, The Rand Corporation, N-1962-AID, Santa Monica CA, April 1983 (with L. A. Lillard).

**OUTREACH** (Blogs, magazine articles, policy notes)

Blog: “Delivered: The World Bank’s \$750 million IDA pledge for basic education,” March 31, 2016, <http://blogs.worldbank.org/education/delivered-world-bank-s-750-million-ida-pledge-basic-education> (with T. Manuelyan Atinc)

“Testing the Skills of Tigers -- The Education Challenge for Emerging East Asian Economies,” *APEC Currents* (December 2014) (with E. Jimenez)

Blog: “Keeping our eyes on the goal of learning for all,” July 7, 2014  
<http://blogs.worldbank.org/education/keeping-our-eyes-goal-learning-all>

Blog: “A Happier Story about Education in Nigeria,” May 23, 2014  
<http://blogs.worldbank.org/education/happier-story-about-education-nigeria>

Blog: “Report from Nigeria: Education Needs Intelligent Champions,” April 9, 2014  
<http://blogs.worldbank.org/education/report-nigeria-education-needs-intelligent-champions>

Blog: “When It Comes To Learning, Education Systems Matter,” January 22, 2014  
<https://blogs.worldbank.org/education/when-it-comes-learning-education-systems-matter>

Blog: “Intersecting sources of education inequality,” March 8, 2013  
<http://blogs.worldbank.org/opendata/intersecting-sources-of-education-inequality>

“Achieving learning for all,” *Financial Times* (with Ritva Reinikka). Also  
<http://www.thisisafricaonline.com/Development2/Achieving-learning-for-all>

Blog: “Let’s Put Education First,” September 26, 2012  
<http://blogs.worldbank.org/education/let-s-put-education-first>

“East Asia’s human capital key to continuing growth,” *East Asia Forum*, July 22, 2012.  
<http://www.eastasiaforum.org> (with E. Jimenez)

Blog: “Girls’ education: Where do we stand?” April 17, 2012  
<http://blogs.worldbank.org/education/girls-education-where-do-we-stand>

“Making the Grade,” *Finance & Development*, 49 (11), March 2012 (with E. Jimenez and J-P. Tan)

Blog: “Getting to Equal in Education,” March 8, 2012  
<http://blogs.worldbank.org/education/getting-to-equal-in-education>

“What is your vision for lifelong learning?” *ASEMagazine for Lifelong Learning*, No. 1, November 2011, p. 21

Blog: “World’s First Education Laureate Announced!” November 30, 2011  
<http://blogs.worldbank.org/education/world-s-first-education-laureate-announced>

Blog: “Renewing urgency around Education for All,” November 7, 2011  
<http://blogs.worldbank.org/education/renewing-urgency-around-education-for-all>

Blog: “Stepping Up Skills for Better Jobs Begins with Strong Early Childhood Development,” October 19, 2011, <http://blogs.worldbank.org/education/stepping-up-skills-for-better-jobs-begins-with-strong-early-childhood-development>

Blog: “Let’s Make it Learning for All, Not Just Schooling for All,” May 2, 2011  
<http://blogs.worldbank.org/education/education-strategy-launch>

Blog: “Jomtien, 20 Years Later: Global Education for All Partners Must Renew Commitment to Learning,” March 28, 2011, <http://blogs.worldbank.org/education/what-s-new-jomtien-20-years-later>

Blog: “Educating 1+ Billion Girls Will Make the Difference for Women’s Equality,” March 7, 2011, <http://blogs.worldbank.org/education>; cross-posted at [USAID's IMPACTblog](#)

Blog: “Education is Fundamental to Development and Growth,” January 28, 2011,  
<http://blogs.worldbank.org/education/education-is-fundamental-to-development-and-growth>

Blog: “Charting a New Course for Education,” November 18, 2010  
<http://blogs.worldbank.org/education/charting-a-new-course-for-education>

Blog: “Education is the best investment,” September 20, 2010  
<http://blogs.worldbank.org/education/education-is-the-best-investment>

“Vouchers for Private Schooling in Colombia: Evidence from a Randomized Natural Experiment,” *Natural Field Experiments* 0004, The Field Experiments Website (with Angrist, Bettinger, Bloom, King, Kremer)

“Multicultural Literacy is a Challenge for All Global Citizens,” *IALEI (International Alliance of Leading Education Institutes) Magazine*, June 2011

“Ethnic Minorities and Living Standards in Lao PDR,” *Indigenous Peoples, Poverty and Development* briefs (with van de Walle)

- “Timing of Evaluations and Duration of Exposure Affect Estimates of Program Impact,” *Research Digest* 3(3, Spring 2009): 5 (with J. Behrman)
- “Smart Economics,” *Finance & Development* 44 (2, 2007) (with M. Buvinic)
- “Gender, Ethnicity, and Religion: Multiple Sources of Disadvantage.” In *Challenges of Change: Faith, Gender, and Development*, pp. 43-44. Berkley Center for Religion, Peace & World Affairs, Georgetown University
- “Make educating girls a priority,” *Kenya Chronicles*, June 7, 2008; and *The Nation*, June 4, 2008 (with B. Lomborg)
- “Gender inequality stifles development,” *South China Morning Post*, June 3, 2008 (with B. Lomborg)
- “Women and development,” *Business World* XXI (214): June 2, 2008 (with B. Lomborg); also in *Malta Independent Online*, *Shanghai Daily*, *Bahrain Times*, June 2, 2008
- “Giving girls and women the tools to build a better tomorrow,” *Taipei Times*, June 1, 2008 (with B. Lomborg)
- “Schooling in Developing Countries,” *World Bank Research Digest* 2 (3): Spring 2008.
- Investing in Early Childhood Development. August 2006.* (with H. Alderman)  
<http://econ.worldbank.org/WBSITE/EXTERNAL/EXTDEC/EXTRESEARCH/EXTPROGRAMS/EXTPUBSERV/0,,contentMDK:21035311~pagePK:64168182~piPK:64168060~theSitePK:477916,00.html>
- Education Policy Notes. Philippines. 2004 and 2005.* (Series of five notes)
- Improving Education Quality.* Education Policy Note, Indonesia. 2004.
- Making Services Work in East Asia and the Pacific. East Asia Update. October, 2003.*
- Interview Features, *Georgetown Public Policy Review* 9(1, 2004): 17-23.
- “Empowering Women to Achieve Food Security: Education”, *Focus*, IFPRI Policy Brief 6 (August 2001). Also [http://www.ifpri.org/2020/focus/focus06/focus06\\_06.htm](http://www.ifpri.org/2020/focus/focus06/focus06_06.htm).
- “Engendering Development through Gender Equality,” *Development Outreach* 3(2): 5-8, Spring 2001.
- Educating Girls and Women: Investing in Development.* (Pamphlet prepared for the World Conference on Education for All, March 1990). The World Bank. 1990.

## **PRIMARY DATABASES**

(Designed survey instruments in all cases, plus sampling & organization of field work in most cases)

Computers and Internet Connectivity in Philippine High Schools (GILAS Program). Baseline survey, June-July 2008. (with Gordoncillo, Gultiano, Orbeta and the Office of Population Studies, San Carlos University, Cebu City)

Cambodia Health Contracting Survey. Second Survey, 2004-05. (with Bhushan, Clingingsmith, Hong, Kremer, and Loevinsohn)

Laos School Survey Module (component of Laos Expenditure & Consumption Survey III). 2002-03. (with van de Walle and Miwa)

Philippine Early Childhood Development Surveys (four rounds of household surveys and provider surveys). 2001-07. (with Behrman, Ghuman and the Office of Population Studies, San Carlos University (Cebu City))

Colombia School Voucher PACES Survey, 1999-2001. (with Angrist, Bettinger, Bloom, and Kremer)

Nicaragua School Autonomy Surveys (three rounds). 1995-1999. (with Ministry of Education, Government of Nicaragua)

Cebu (Philippine) Longitudinal Health & Nutrition Survey (three rounds). 1994-98. (with Glewwe, the Office of Population Studies, San Carlos University and the Carolina Population Center, University of North Carolina-Chapel Hill)

United States Aviation Accident Cases for Cost & Compensation Study (litigation files, personal interviews). 1986. Santa Monica, CA: RAND Corporation

#### **SELECTED PRESENTATIONS AT CONFERENCES AND SEMINARS (2010-2015)**

(Only presentations, not roles as chair or discussant)

“Skills do matter in labor markets,” Korea Development Institute, Sejong, South Korea, November 2017.

“Skills do matter in labor markets,” Global Human Resources Forum, Seoul, November 2017.

“Education, skills and economic growth in Central America,” Global Dialogue, George Washington University. Paper prepared for Global Dialogue-Korea Development Institute Conference on Central America, Seoul, April 2015.

“Education evaluations,” Harvard Graduate School of Education, Cambridge, MA, March 2015

“Incentives and Teacher Effort: Evidence from Lao PDR,” Southern Economic Association Annual Meetings, Atlanta, November 2014.

“Education, Skills and Economic Growth,” Global Development Dialogue, Videotaped for presentation in Panama, October 2014.

“A strong education system for a more competitive Nigeria,” Nigeria Economic Summit, Abuja, March 2014.

“A Smarter Education System for a Brighter Philippine Future,” Philippine Institute for Development Studies, Manila, Philippines, January 2014

- “The Skills of Tigers: Education and Economic Development,” Manila, Philippines, January 29, 2014
- “Smarter Education Systems for Brighter Futures,” Keynote Address, Education World Forum, London, January 21, 2014
- “Making *Learning for All* a Reality,” World Bank Institute High-Level Course on Frontiers of Development Policy, Washington DC, April 2013
- MDGs and the Quality of Education, Center for Universal Education, Brookings Institution, Washington DC, April 2013
- “The Skills of Tigers: Learning, Skills and Development,” in International Conference “Integration, Partnership and Innovation in Education Quality Assessments,” Center for International Cooperation in Educational Development, Moscow, Russian Federation, November 8-9, 2012.
- “The Skills of Tigers: Learning, Skills and Development,” 9<sup>th</sup> Beijing Forum on “The Harmony of Civilizations and Prosperity for All,” Beijing, China, November 2-4, 2012
- “The Skills of Tigers: Human Capital Formation and Economic Growth in East Asia,” Executive Forum on World-Class Universities of the Commission on Higher Education of the Philippines, Quezon City, Philippines, October 30, 2012
- “Learning, Skills and Development,” Roundtable discussion at the Southeast Asian Ministers of Education Organization (SEAMEO) – Innotech, Quezon City, Philippines, October 29, 2012
- “Making *Learning for All* a Reality,” Keynote Address at the 4<sup>th</sup> conference organized jointly by the Institute of Education in London and the Beijing Normal University, Beijing, China, October, 2012
- “Making *Learning for All* a Reality,” University of Pennsylvania, Philadelphia, PA, October, 2012
- “Making *Learning for All* a Reality,” in “Responding to Global Challenges through Lifelong Learning,” organized by UNESCO ILL and University of Hamburg, Germany, May 24, 2012
- “Education and Development: From Theory to Implementation,” 18<sup>th</sup> International Development Conference on “7 Billion: Development in a New World,” Harvard University Kennedy School of Government, MA, April 14, 2012
- “The World Bank’s Education Strategy 2020,” Harvard Graduate School of Education Alumni Council hosted at the World Bank, March 22, 2012, Washington, DC
- Central Bank of Italy and INVALSI, Rome (March 2012)
- Association for the Development of Education in Africa (ADEA) Triennale, Ouagadougou, Burkina Faso, February 2012
- “Education system reform: turning the focus on learning,” Center for Universal Education, Brookings Institutions, Conference on “Addressing the Global Learning Crisis: Lessons from Research on What Works in Education,” Washington, DC, January 27, 2012

World Innovation Summit for Education, November 2011, Doha, Qatar

“Moving Forward: Translating Educational Research into Policy”, IALEI Annual Meeting & Conference, University of Toronto, Canada, June 2011

Bank-Fund Spring Meetings, The World Bank, Washington, DC, April 2011

“Learning for All,” The World Bank, Delhi Office, India, March 28, 2011

“Education and economic growth,” UN ECOSOC High-Level Group Meeting, Pattaya, Thailand, March 24, 2011

International Women’s Day, “Equal access to education, training and career management for women,” The World Bank, Washington, DC, March 8, 2011

“Learning for All: Increasing People’s Knowledge and Skills to Promote Development,” Education Roundtable (with Ministry of Finance, Ministry of Foreign Affairs, JICA and academics), Tokyo, Japan, February 2011

“World Bank Group Education Strategy 2020,” Ministry of Finance, Tokyo, Japan, February 2, 2011

Education World Forum, “Education for Economic Success,” Keynote Address, London, January 9-11, 2011

Keynote Address, Human Resources Global Forum, Seoul, November 2010

Opening Remarks, Global Symposium on ICT and Education 2010: Building ICT / Education Agencies, Seoul, November 1-4, 2010

Opening Remarks, Second READ Global Conference, “Strengthening the Enabling Environment for Assessment Systems,” Nairobi, October 4-6, 2010

Keynote Speaker, UNICEF-United Nations Girls’ Education Initiative (UNGEI) international conference, Dakar, Senegal, June 2010

Presentations on the *World Bank’s New Education Strategy: Emerging Messages* in several cities between February and July 2010 for consultation purposes: Brussels (European Commission, multistakeholder meeting), Cairo (multistakeholder meeting), Copenhagen (DANIDA, Ibis), Dakar (multistakeholder meeting), the Hague (Netherlands Development Agency, multistakeholder meeting), London (DFID, multistakeholder meeting), Manila (Asian Development Bank), New York (UNICEF), Paris (UNESCO, Agence Francais de Developpement, multistakeholder meeting), Skopje (Ministry of Education, multistakeholder meeting), Stockholm (International Working Group on Education, SIDA), Cairo (multistakeholder meeting), Washington DC (Brookings Institution, World Bank)

“Learning for All,” Comparative and International Education Society Annual Meetings, Detroit, MI, May 2010

## LANGUAGES

Tagalog, Filipino (native), English (fluent), Spanish (intermediate-high), French (beginning)  
EMKing CV

