

## CURRICULUM VITAE

7 May 2016

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### Education:

Massachusetts Institute of Technology, Cambridge, MA, Ph.D., 1962-1966. Doctoral Dissertation: "Supply Response in Underdeveloped Agriculture: A Case Study of Major Annual Crops in Thailand, 1937-1963," 1966.  
Williams College, Williamstown, Massachusetts, B.A., *Summa Cum Laude*, Highest Honors in Physics, 1958-1962.  
Indiana University, Bloomington, Indiana, Russian Language Institute, Summers, 1960-61.

### Honors, Invited Lectures, Scholarships, and Fellowships:

Invited plenary speaker, "Improving Children's Chances: Evidence on Early-Life Investments & Economic Inequality", conference on "Building Good Economies", Francis & Ann Curran Center for American Catholic Studies, Fordham University, Manhattan, NY, 21 April 2016.

Invited presentation, "Achieving Value for Money on Girls' Education Projects," CHARGE: Collaborative Harnessing Ambition and Resources for Girls' Education, Millennium Challenge Corporation (MCC), Brookings Institution, Clinton Global Initiative, Care, Plan International, Population Council; Millennium Challenge Corporation, Washington, DC 30 July 2015.

Invited presentation, "Nutrición durante los primeros años de vida y sus consecuencias," Foro/Taller Intersectorial sobre "Nutrición, Salud, Capital Humano y Sostenibilidad del Crecimiento Económico de Largo Plazo: Perspectivas y Desafíos." San Salvador, El Salvador, 8-9 July 2015.

"Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools," Keynote Speech, The Navarra Center for International Development of the University of Navarra a workshop on Development Economics, IESE Campus, Madrid, Spain 1 June 2015.

Invited presentation on "Population Quantity, Quality and Mobility," Session on "Building Equity through Social and Economic Policies," Global Network of Science Academies (IAP) Workshop "Science for Poverty Eradication: a Call for Action", hosted by the Brazilian Academy of Sciences and organized by the IAP Science for Poverty Eradication Committee, Manaus/Brazil, 3-5 December 2014 (Represented US National Academy of Sciences).

Invited presentation on "IFPRI and the Mexican PROGRESA Anti-Poverty and Human Resource Investment Conditional Cash Transfer Program" at IFPRI-PIM-SPIA Workshop on Best Practice Methods for Assessing the Impact of Policy Oriented Research, International Food Policy Research Institute (IFPRI), Washington, DC, 12-13 November 2014.

Invited presentation on "Payoffs from Early Interventions", 2014 Grand Challenges Meeting, Seattle, WA, 6 October 2014.

Invited presentation on "Costs of Inaction versus Costs of Action" at The Board on Children, Youth, and Families of the Institute of Medicine (IOM) and National Research Council (NRC), in collaboration with the IOM's Board on Global Health Forum on Investing in Young Children Globally Workshop on the Cost of Inaction April 17- 18, 2014.

Invited presentation on "Post-Infancy Growth and Associations with Cognitive Achievement", Bill and Melinda Gates Foundation, Seattle, WA, 10 March 2014.

Invited Lecture on "Intergenerational Transmission of Poverty and Inequality: Young Lives," Discussion Panel on Social Mobility organized by Centro de Estudios Espinosa Yglesias, Latin American and Caribbean Economic Association Annual Conference, Mexico City, Colegio de Mexico, 31 October – 2 November 2013.

Irving B. Kravis Award for Distinction in Undergraduate Teaching, Economics Department, University of Pennsylvania 2013.

National Academy of Sciences-National Research Council Committee on Population, 2012-  
Economics/Social Science member of the National Advisory Child Health and Human Development Council for the National Institutes of Health (NIH)/National Institute of Child Health and Development (NICHD) for 2011-14.

Invited Presentation on "Population Quantity, Quality and Mobility" at Global Citizens Foundation Project on Towards a Better Global Economy High-Level Conferences, Geneva, Switzerland, 11-13 July 2013.

Invited Plenary Lecture on "Intergenerational Transmission of Poverty and Inequality: Young Lives," Conference on "Inequalities in Children's Outcomes in Developing Countries," St Anne's College, Oxford, UK. 8-9 July 2013

Invited Lecture on "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" at conference on Human Resources and Economic Development, June 24-25, 2013 at Hong Kong University of Science and Technology, supported by HKUST's Department of Economics, Division of Social Science, Institute for Advanced Studies, and Institute for Emerging Market Studies.

Invited Lecture on "La primera infancia: perspectivas internacionales" presented at seminar on "Desarrollo en la Primera Infancia: Evidencia longitudinal," Universidad de Chile, Santiago 21 March 2013.

Doctor Honoris Causa of the Universidad de Chile, 13 December 2011, invited lecture on "From Macro Econometric Analysis to Early Childhood Development"

Invited Lecture on "Making Early Childhood Interventions Effective" at El Impacto del Desarrollo de la Primera Infancia en las Education y er Mercado Laboral" at the University of Chile on 8 November 2011

Invited Lecutre on "Cognitive and Non-Cognitive Patterns in Chilean Early Childhood Development: Associations with Income and Other Factors" at Latin American and Caribbean Economic Association Annual Meetings 9-12 November 2011 at Adolfo Ibanez University, Santiago Chile.

Invited Lecture on "Primera Infancia: una inversión en el desarrollo humano," Foro: Primera Infancia: Asegurando el Futro Hoy (Early Childhood Development Forum), Sponsored by H.S. Marta Linares de Martinelli, Primera Dama de la República y Presidenta del Consejo Asesor de la Primera Infancia, Ministerio de Desarrollo Social and Inter-American Development Bank, Panama City, Panama 20 October 2011.

Invited Lecture on "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" Intemational Workshop on "Poverty and Individual Decisions in Developing Countries: What do We Learn from Microeconometrics?" The Research Department of the Agence Française de Développement (AFD) and the Research Centre in Economic Development and Intemational Finance (DEFD of Aix-Marseille University, October 13 2011, World Trade Center, Marseille, France.

Invited Lecture on "Health, Nutrition, Education and Equity" at World Bank Conference on "Equity, Development and Policy: Evidence, New Ideas & Future Directions," Washington, DC: World Bank, 10 June 2011.

Invited International Expert Participant in "Foro Técnico Sobre la Atención Integral de la Primaria Infancia", Presidential Program "de Cero a Siempre", Presidential Palace-Universidad de Los Andes, Bogota, Colombia, 21 February 2011.

Invited Lecture at Meeting on "Desarrollo de la Primera Infancia: Evidencia internacional, políticas públicas y nuevo datos para Chile", Santiago, Chile 13 December 2010.

Invited Lecture at Latin American Population Association (ALAP) fourth Congress, Hotel Nacional, Havana, Cuba, November 16-19, 2010.

Invited Lecture at Latin American and Caribbean Economic Society (LACEA) Annual Meetings, Medellin, Colombia 11-13 November 2010.

2009 Consultative Group on International Agricultural Research (CGIAR) Science Award in the Outstanding Scientific Article category for "The Impact of Nutrition During Early Childhood on Income, Hours Worked, and Wages of Guatemalan Adults (with John Hoddinott, John A. Maluccio, Rafael Flores and Reynaldo Martorell)," *Lancet* 371 (February 2008), 411-416.

Invited speaker and "give my right arm" commentator on Ph.D. work, Princeton University Joint Degree Program on Dilemmas in Inequality, 19 October 2009 (rescheduled 11 January 2010).

Invited speaker, Latin American and Caribbean Economics Society Annual Meetings, 1-3 October 2009, Buenos Aires, Argentina.

Invited keynote speaker, Society of Labor Economics (SOLE) Annual Meetings, 6-9 May 2009, Boston, MA.

Carlos Diaz-Alejandro Prize 2008 (Biennial Award of the Latin American and Caribbean Economic Society (LACEA) for outstanding research on economics and Latin America, awarded and invited lecture at LACEA Annual Meetings, Rio de Janeiro, Brazil, 20-22 November 2008.

Invited Keynote Speaker, "Research Evidence on Early Education Investment Returns," International Seminar on "The Impact of Early Education" sponsored by Chilean Board of National Day Care Centers (JUNJI), 5-7 November 2008.

Invited Keynote Speaker, session on "Seguimiento, Monitoreo y Evaluación" at Regional Technical Conference on "Hacia la eradicación de la Desnutrición Infantil en América Latina y El Caribe," El Gobierno de Chile, el Programa Mundial de Alimentos de las Naciones Unidas para América Latina y el Caribe (PMA), y el Programa de Naciones Unidas para el Desarrollo (PNUD) en representación del Sistema de las Naciones Unidas, Santiago de Chile, 5 y 6 de mayo de 2008.

Premio de Economía Víctor L. Urquidi (second place) for “Do school subsidy programs generate lasting benefits? A five-year follow-up of Oportunidades participants” (with Susan Parker and Petra Todd), Mexico City, Colegio de Mexico, 4 December 2007.

Invited Expert Panel Member, Latin American Copenhagen Consensus, San Jose, Costa Rica, 22-24 October 2007.

Invited Keynote Speaker on “A Researcher's Viewpoint on Policy Issues Relating to ‘What have we learned, and what's next?’ on the MDGs,” Policy Conference on Reaching the MDGs, Sixth General Poverty and Economic Policy (PEP) Research Network Meeting, Sheraton Lima Hotel, Paseo de la Republica 170, Lima, Peru, 9-16 June 2007.

Invited Speaker, Annual Meeting of the Latin American and Caribbean Economic Association (LACEA) and Latin American Meeting of the Econometric Society (LAMES), Instituto Tecnológico Autónomo de México (ITAM), Mexico City, Mexico, 2-4 November, 2006.

Invited Keynote Speaker, United Nations University (UNU)-World Institute for Development Economics Research (WIDER) Conference on Health Deprivation and Inequality, 29-30 September 2006, Helsinki, Finland.

Invited Keynote Speaker, Symposium “Capital Humano, Crecimiento, Pobreza: Problemática Mexicana” Department of Economics, Monterrey, NL Mexico 13-14 October 2005.

Distinguished Visitor, Economics Department, University of California-Riverside, May 2005.

Invited Keynote Speaker at The Graduate School for Integration, Production and Welfare Workshop on “Analyses of Intergenerational Issues – A Workshop with Jere R. Behrman,” June 7-8, 2004, Aarhus School of Business, Aarhus, Denmark.

Invited Keynote Speaker at AMID & CAM, University of Copenhagen, Workshop on “From Parent to Child – A Workshop with Jere R. Behrman,” 8-9 June 2004, Copenhagen, Denmark.

Wei Lun Visiting Professor, Chinese University of Hong Kong, April 2004.

Bureau for Research and Economic Analysis of Development (BREAD) Senior Fellow, 2002-

Invited Keynote Speech on “The Social Benefits of Education: Conceptual and Measurement Issues,” Conference on “Wider (non-economic) Benefits of Learning,” Institute of Education, London, July 2001.

Invited Lecturer on Health Economics, Departamento de Economía, Universidad de Costa Rica, San Jose, Costa Rica, November 2000.

Distinguished Visiting Lecturer, Universidad de Belgrano, Buenos Aires, Argentina, 18-24 August 1994.

Committee on Scholarly Communication with the People's Republic of China (CSCP) Visiting Scholar Exchange Program Award (National Academy of Sciences, American Council of Learned Societies and Social Science Research Council), 1987 (declined), 1988.

Fulbright 40th Anniversary Distinguished Fellow, 1987.

Fellow, Econometric Society, 1980-

Compton Foundation Fellowship, 1980-1981.

Guggenheim Foundation Faculty Fellowship, 1979-1980.

Ford Foundation Faculty Fellowship in Economics, 1971-1972.

American Farm Economic Association of Merit for outstanding research in agricultural economics, 1967.

National Science Foundation Fellowship, 1962-1963.

Danforth Foundation Fellowship, 1962-1963.

Tyng Foundation Fellowship, 1962-1964.

M.I.T. Center for International Studies Fellowship for Thesis Field Research in Thailand, 1964-1965.

Carnegie Fellowship for Russian Language Study Tour, 1961.

National Merit Scholarship, 1958-1962.

Phi Beta Kappa, Junior Year, Williams College, 1961.

Benedict Prize (Outstanding Mathematics Student, Williams College), 1960.

Grosvenor Cup (Outstanding member of Class of 1962, Williams College), 1961.

#### **Academic Positions:**

William R. Kenan, Jr. Professor of Economics, University of Pennsylvania, 1983-

Faculty Associate, Annenberg School for Communication, University of Pennsylvania, 2000-5.

International Research Associate, Institute for Fiscal Studies, University College London, 2004-5.

Arnold Bernhard Professor of Economics, Williams College, Williamstown, MA, Spring 1991.

Principal Faculty Member, Master of Environmental Studies, College of General Studies in cooperation with the Institute for Environmental Studies, School of Arts and Sciences, University of Pennsylvania, 1997-2000.

Faculty Fellow, Center for the Advanced Study of India, University of Pennsylvania, 1993-

Member, Graduate Group in Social Welfare, University of Pennsylvania, 1994-1999.

Head, Graduate Group in International Studies, University of Pennsylvania, 1984-1987, member 1988-1993.

Affiliated Faculty, Alice Paul Research Center for the Study of Women, University of Pennsylvania, 1988-  
Member, Graduate Group in South Asian Regional Studies, University of Pennsylvania, 1983-  
Member, Graduate Group in Regional Science, University of Pennsylvania, 1992-  
Member, Graduate Group in Demography, University of Pennsylvania, 1982-  
Co-Director and Senior Member, Center for Analysis of Developing Economies (CADE), University of Pennsylvania, 1982-  
1995.  
Co-Director and Senior Member, Center for Household and Family Economics (CHAFE), University of Pennsylvania,  
1982-1995.  
Associate, Middle East Research Institute, University of Pennsylvania, 1983-1988.  
Faculty Associate, Graduate Communication Program, The Annenberg School of Communications, University of  
Pennsylvania, 1987-  
Academic Visitor, Department of Economics and International Center for Economics and Related Disciplines, The London  
School of Economics and Political Science, University of London, 1979- 1980, 1981.  
Research Associate, Population Studies Center, University of Pennsylvania, 1979-  
Research Associate, Center for Latin American Development Studies, Boston University, 1978-1979.  
Honorary Fellow, Department of Economics, University of Wisconsin, 1976-1977.  
Member, Graduate Group in City Planning, University of Pennsylvania, 1974-  
Member, Graduate Group in International Relations, University of Pennsylvania, 1972-  
Visiting Lecturer in Public and International Affairs, Princeton University, 1973.  
Professor, University of Pennsylvania, 1971-  
Visiting Seminar Coordinator, Universidad Catolica, Santiago, Chile, 1969.  
Associate Professor, University of Pennsylvania, 1968-1971.  
Assistant Professor, University of Pennsylvania, 1965-1968.

#### **Administrative Positions:**

Associate Director, Population Aging Reserch Center (PARC), University of Pennsylvania, 2013-  
Board of Directors, Population Association of America, 2004-2006.  
Director, Population Studies Center, University of Pennsylvania, 1998-2005.  
Director, Population Aging Research Center, University of Pennsylvania, 1998-9.  
Acting Chair, Graduate Group of Economics, 1995-6.  
Acting Director, Population Studies Center (PSC), University of Pennsylvania, 1992-3.  
Founsinf Associate Director, Joseph H. Lauder Institute of Management and International Studies, University of  
Pennsylvania, 1983-1987.  
Director, Center for Analysis of Developing Economies (CADE), University of Pennsylvania, 1982- 1995.  
Chair, Department of Economics, University of Pennsylvania, 1973-1979.

#### **Research Positions:**

Co-Principal Investigator, International Initiative for Impact Evaluation (3ie) (Lead PI Ramanan Laxminarayan, co-PI Jere  
R. Behrman), 01/10/2014-01/09/2019, co-PI, consultant to The Public Health Foundation of India, "Impact Evaluation  
of the Magic Bus Foundation's Sports in Girls' Education Programme"  
Investigator, the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) R01  
HD075869 (MPI: MZ Levy, AM Buttenheim) "Improving participation in vector control campaigns through  
behavioral economics," 7/1/14-6/30/19.  
Principal Investigator, "Prenatal Ambient Air Pollution and Fetal and Child Development in South China: Collaborative  
Research with the Guangdong Women and Children Hospital System," Penn China Research and Engagement Fund  
(Penn CREF), 2015-2018.  
Consultant, UBS Optimus Foundation 8307 (PI: S Wolf, JL Aber, New York University) 3/1/15-2/1/18, "Improving the  
quality of Kindergarten education in Ghana through in-service teacher training"  
Principal Investigator (with Michel Guillot and Devesh Kapur), University of Pennsylvania Global Engagement Fund  
award for "Penn India reSEARCH: A Collaboration for High-Impact Health and Demographic Research" June 2016-  
December 2017.  
Principal Investigator, the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)  
R01 HD072120 subcontract from Yale University (Costas Meghir PI) to University of Pennsylvania, "Early Childhood  
Development for the Poor: Impacting at Scale," 4/1/12-3/30/17.  
Consultant, UK Department for International Development (DfID) 202344-102 (PI: Karen Austrian, Pop Council),  
"Adolescent Girls' Empowerment Programme (AGEP)", 11/1/11-10/30/17.

Principal Investigator, the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD R01 HD070993), "Growth Recovery, Schooling and Cognitive Achievement: Evidence from Four Cohorts," 6/15/12-5/31/17.

Principal Investigator, Grand Challenges Canada Grant 0072-03, "Saving Brains: *Team 1000+* Saving Brains: Economic Impacts of Poverty-Related Risk Factors During the First 1000 Days for Cognitive Development and Human Capital," 12/1/12-10/31/14, Extended to December 2016.

Consultant, Grand Challenges Canada, "Platform Support for analysis and evaluations including economic, cost-benefit and cost-impact evaluations to Grantees and Grand Challenges Canada," 1 July 2015 -30 November 2016.

Consultant, Initiatives in Knowledge Initiative (IKI)/Zomba, Malawi, World Bank Selection # 1149138 / MALAWI: Evaluating the Impact of Selected Implementation Strategies to Create Increased Demand for Voluntary Medical Male Circumcision, 2014-2016.

Consultant/Mentor Global Development Network (GDN) - Global Research Competition (GRC), "Are conditional government transfers a politically acceptable form of redistribution," 2014-6

Principal Investigator, "Drivers and Mediating Factors of Nutritional Status in Adolescent Women and their Children in Ethiopia, India, Peru and Vietnam," The Sackler Institute Collaborative Initiative Aimed at Using Existing Datasets to Conduct Research on Adolescent Women's Nutritional Status, 1 November 2015-1 December 2016.

Principal Investigator, the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD R01HD065436), "Early Child Development Programs: Effective Interventions for Human Development," 10/1/2010-5/30/2016

Investigator, Penn Global 2014/2015 Global Engagement Fund Award, "Healthcare Workforce and Quality Outcomes: Lessons from Chile, United States, and Europe" with Linda Aiken PI, Eileen Lake, Matthew McHugh, Herb Smith, 2015-2016.

Principal Investigator, National Institute of Aging (NIA)/ Population Aging Research Center (PARC) P30 Pilot project on "Early Life to Mature Adulthood: Guatemalan INCAP Health and Socioeconomic Data," September 14, 2014 to June 30, 2016.

Principal Investigator, Bill and Linda Gates Foundation Grant, Early child growth and development in four countries: Young Lives, 11-2011 to 6-2015.

Investigator, "Design of Impact Evaluations to be conducted of Magic Bus Foundation's Sports in Girls Education Program, India" 3Ie- Global Development Network grant PW2.05.IN.PG to Public Health Foundation of India (Ramanan Laxminarayan, PI), 2013.

Research Consultant for Plan Uganda and UNICEF, 2013 on "Ex-Ante Benefit-Cost Analysis of Individual, Economic and Social Returns from Proposed Investment Scenarios for Pre-Primary Schooling in Uganda" (with Jan van Ravens).

Research Consultant, World Bank, "Out of School and Out of Work Challenges & Solutions around Idle Youth in Latin America," 2012-2013.

Research Consultant and Project Manager, Global Citizens Foundation Project on "Towards a Better Global Economy," 2012-2014.

Research Consultant, El Centro de Estudios Espinosa Yglesias (CEEY) y su programa sobre Movilidad Social en México, 2011-2.

Consultant, Second Evaluation of Jamaican PATH Programme, Sanigest International, San Jose Costa Rica, 2011-2013.

Consultant, International Initiative for Impact Evaluation (3IE), Bill and Linda Gates Foundation support for HIV/AIDS research, 10-2011 to

Consultant, Teacher Effectiveness in Latin America and the Caribbean, World Bank, 2012.

Consultant, Maternal and Child Health, World Bank, 2012.

Co-Investigator, Hong Kong Research Grants Council (P.I. Junsen Zhang) "Parental Absence, Policy Intervention, and Children's Educational and Health Outcomes in China," 9/1/2010-8/31/2013.

Co-Investigator, National Science Foundation NSF 98-1331 (P.I. Hyunjoon Park), "Causal Effects of Single-Sex High Schools on STEM Careers and Their Mechanisms," 8/1/2010-7/31/2013.

Co-Investigator, National Institutes of Health 1R01HD051468-01A1 (P.I. Li-Wei Chao), "Impact of Poor Health and HIV/AIDS on Small Businesses in South Africa," 12/01/2007-11/30/2013.

Co-Investigator, National Institutes of Health 1R03HD066018-01 (P.I. Hyunjoon Park), "Single-Sex High Schools and STEM Careers: Males, Females and Low-SES Students," 08/10/2010-07/31/2012.

Co-Investigator, National Institutes of Health R01HD053781 (P.I. Hans-Peter Kohler), "Consequences of High Morbidity and Mortality in a Low-Income Country," 7/1/2007 - 6/30/2013.

Co-Investigator, Spencer Foundation (P.I. Petra Todd), "Effects of Schooling Reforms on Education and Labor Markets: Lessons from Chile," 1 September 2008-31 August 2012.

Co-Investigator, Spencer Foundation (P.I. Hyunjoon Park), "Causal Effects of Single-Sex Schools on STEM (Science, Technology, Engineering, and Math) Careers and Their Mechanisms," 7/1/2010-6/30/2011.

Principal Investigator on Subcontract (with Hans-Peter Kohler), (PI Marcos Vera-Hernandez, Institute of Fiscal Studies, University College London), U.K. Economic and Social Research Council/Hewlett Foundation, "Effects of Reproductive Health on Poverty in Malawi," 2008-2011.

Consultant, World Bank on Poverty Reduction and Equity, 2011.

Consultant, Organization for Economic Cooperation and Development (OECD), Schooling and Social Cohesion, 2011.

Consultant, International Development Association (IDA), World Bank, Advisory Panel for the establishment of a strategic project selection framework for Impact Evaluation, 2011.

Consultant, World Bank on Demography and Development, 2011.

Consultant, World Bank, on Child and Youth Adjustment in Crises, 2011.

Consultant, World Bank, on Teenage Childbearing in Latin America, 2010-2011.

Consultant, World Bank, "Skills Development, Employability and Productivity Growth," 2010-2011.

Investigator, Foundation for the National Institutes of Health, "Background Research Necessary to Develop a Plan for Conducting an Impact Assessment for New Vector-Based Tools to Control Malaria, Dengue And Other Mosquito-Borne Infections," 2010.

Consultant, International Formula Council, 2010.

Co-Principal Investigator (with Petra Todd PI, David Bravo, Osvaldo Larañaga, Eugenio Miravete, Olivia Mitchell, Mark Pauly), National Institutes of Health/National Institute of Aging R01 AG023774-01 "Life Cycle Health, Work, Aging, Insurance and Pensions in Chile," 2004-2010.

Principal Investigator, National Institutes of Health Fogarty Center FIRCA RO3 TW007430-01 "Parental Impact on Filipino Early Childhood Development," 2006-10.

Consultant, Social Protection, Human Development Network, The World Bank on "Skills Development Strategies to Improve Employability and Productivity: Taking Stock and Looking Ahead," 2010.

Consultant, National Institute of Public Health (INSP)- *Oportunidades* Evaluation Project, 2010.

Consultant, Evaluation Design for Vectors, Foundation for the National Institutes of Health, Inc., 2010.

Principal Investigator, "IFPRI Research on (Non-) Conditional Cash Transfer Programs," International Food Policy Research Institute, 2009.

Consultant, ex-ante cost-benefit analysis for health and nutrition programs in Guatemala, Inter-America Development Bank, 2009.

Consultant, "Brainstorming Workshop on "Poverty Research" in the CGIAR," International Food Policy Research Institute, 2009.

Consultant and External Advisor, The Latin American and Caribbean Research Network of the Inter-American Development Bank on "Early childhood development: Coverage, determinants and impacts" (with Cesar Bouillon, Julian Cristia, Florencia Lopez Boo and Hugo Ñopo), 2009-2010.

Consultant, National Institutes of Health 1 R01 HD045627-01 (P.I. John Hoddinott, International Food Policy Research Institute), "Resource Flows Among Three Generations in Guatemala," 2003-2009.

Consultant (P.I. Sharon Ghuman, Population Council), National Institutes of Health RO3 HD051555, "Service Providers and Early Childhood Development," 2006-9.

Expert Consultant for Meeting on Economic Incentives for Investments in Languages, United Nations Development Program (UNDP)- Organization of Economic Cooperation and Development (OECD), UNDP New York, 27 February 2009.

Consultant, United Nations Development Program-Latin American and Caribbean Region, RBLAC Regional Human Development Report, 2008-9.

Consultant, World Bank Economic Review Symposium issue on Gender, Poverty and Demography, 2008-9.

Consultant, World Bank Research Committee, "Unpacking the Impacts of a Randomized CCT Program in sub-Saharan Africa," 2008.

Consultant (Bill Leonard, PI, Northwestern University), National Institute of Child Health and Development R21 HD050776, "Inequality, Social Capital and Health in Bolivia," 2006-8.

Consultant, Population Council, Develop Strategy for "Understanding the Cost, Cost-Effectiveness and Benefit-Costs of PMTCT Services," 2008

Consultant and Member Ad Hoc Expert Panel on Research Priorities, Subsecretaria De Educacion Media Superior (SEMS), Ministry of Education (SEP), Mexico, 2007-8.

Consultant, "Addressing Early Childhood Deficits in Guatemala" (with Suzanne Duryea and John Maluccio), Inter-American Development Bank, 2007-8.

Consultant, "Expanding Social Protection Coverage in Latin America" (with Jose Cuesta, Hugo R. Nopo and Carmen Pages-Serra), Inter-American Development Bank, 2007-8.

Consultant, "External Advisor for the Economic and Social Progress Report on Quality of Life in Latin America" (with Eduardo Antonio Lora), Inter-American Development Bank, 2007-9.

Consultant, "The Quality of Education in Mexico," (with Susan Parker, Luis Rubalcalva, Graciela Teruel), Inter-American Development Bank Research Network on the QOL of Education in LAC, 2007-8.

Impact Assessment Committee, International Food Policy Research Institute, 2007-8.

Co-Principal Investigator (with Hans-Peter Kohler) National Institutes of Health (NICHD) R01 HD043417-01A, "Bio-Social Determinants of Fertility and Related Behaviors," 2003-8.

Co-Principal Investigator (with Hans-Peter Kohler, Susan Cotts Watkins) National Institutes of Health (NICHD), "AIDS/HIV Risk, Marriage and Sexual Relations in Malawi," 2003-8.

Principal Investigator (with Hans-Peter Kohler, Mark R. Rosenzweig, Jason Schnittker, Junsen Zhang), National Institutes of Health R01 HD046144-01, "Causal Effects of Schooling on Adult and Child Health," 2004-7.

Co-Principal Investigator (with Hans-Peter Kohler PI), National Institute of Child Health and Development (NICHD) R21 HD050652, "Incentives, Information and Sexual Relations in Malawi," 2005-2007.

Consultant, National Institutes of Health R01 HD046125-01, "Education and Health over the Life Course in Guatemala," 2003-2007 (P.I., Aryeh Stein, Emory).

Co-Principal Investigator (with Susan Cotts Watkins), National Institutes of Health (NICHD) R01 HD41713, "Gender, Conversational Networks and Dealing with STDs," 2002-7.

Principal Investigator, National Institutes of Health/Fogarty R01 TW05604, "Filipino Early Childhood Development: Longitudinal Analysis," 2001-7.

World Bank Research Department Advisory Committee on Effectiveness of Conditional Cash Transfer Programs, 2006-7.

Consultant, Office of Science and Technology, Department of Trade and Industry, UK, to write review of state-of-the art on "The Wider Benefits of Learning" for Foresight Project on Mental Capital and Wellbeing, 2007.

Consultant, World Bank, International Expert Advisory Committee on Education, Ministry of Education, Mexico, 2007.

Consultant, World Bank, Development of Annotated Module for Training on Evaluating Policies Related to Youth. 2006.

Consultant, Millennium Development Corporation (MCC), Nicaragua and Armenia, 2006.

Consultant, Overseas Development Institute, UK, "Using Micro Data to Understand Better the Intergenerational Transmission of Poverty in Low-Income Countries," 2006

Consultant, National Institutes of Health/Fogarty NIH/Fogarty R01 TW-05598, "Early Nutrition, Human Capital and Economic Productivity" (P.I. Reynaldo Martorell), 2001-6.

Principal Investigator, "Collaborative Research: Nutritional Investments in Children, Adult Human Capital and Adult Productivities," National Science Foundation, Economics Program NSF SES 0136616,, 2002-2006.

Consultant, research on "Inequality and Reform in Latin America," Center for Global Development, 2006.

Principal Investigator, Population Studies Center, University of Pennsylvania, National Institutes of Child Health and Development (NICHD) R24 HD-044964, Population Research Center Core Grant, 2003-4.

Co-Principal Investigator (AG12836 (P.I. B.J. Soldo, PI on supplement H-P Kohler), "PARC/NIA Supplement for Linking NASNTR Twins Data with Medicare Records," 2003-4.

Consultant, Labor Market Reform in Bahrain, 2004.

Consultant/External Coordinator, for Inter-American Development Bank Research Network Project on "Child Health, Poverty and the Role of Social Policies," 2003-4.

Principal Investigator (with Harold Alderman and John Hoddinott), "Hunger and Malnutrition" for *Copenhagen Consensus*, The Environmental Assessment Institute, Copenhagen, Denmark, 2003-4.

Consultant on "Attaining the Millennium Development Goals in India: How Likely and What Will It Take?", Human Development Unit, South Asia Region, The World Bank, 2003.

Consultant/Reviewer, MacArthur Foundation, 2003.

Principal Investigator, Population Studies Center, University of Pennsylvania, National Institutes of Child Health and Development (NICHD) Population Research Center Core Grant, 1998-2004.

Co-principal Investigator (with Andrew Foster and Mark R. Rosenzweig), National Institute of Health, "The Effects of Economic Development on Demographic Change," 1993-8, 1998-2003 (competitive renewal).

Co-Principal Investigator (with Susan Cotts Watkins), National Institute of Health NIH HD37276, "Social Interactions and Reproductive Health," 1999-2003.

Co-Principal Investigator (with Jim Knowles) on study on investments in youth in S.E. Europe, Human Development Network, World Bank, 2003.

Co-Principal Investigator (with David Bravo and Osvaldo Larra aga), Characteristics of and Determinants of the Density of Contributions in a Private Social Security System, Michigan Retirement Research Center (MRRC), 2002-3.

Consultant, World Bank Research Project on Schooling Policies and Gender, 2001-3

Consultant, World Bank Research Project on Economic Implications of Low Birth Weight, 2001-3.

Consultant (with James Knowles), to write report on "Assessing the Economic Benefits of Investing in Youth in Developing Countries," Human Development Network, World Bank, 2002.

Co-Principal Investigator (with John Hoddinott), "Social Safety Nets for More-Adaptive Labor Markets in Developing Countries," Funded Research in International Labor Affairs, United States' Department of Labor, Bureau of International Labor Affairs, 2001-2002.

Advisory Committee, International Food Policy Research Institute, SPIA Phase 2 Study of the Impact of Agricultural Research on Poverty, 2001-2.

Consultant, World Bank Research Project on Early Childhood Development, 1998-

Consultant, Asian Development Bank Institute, Policy Taxonomy, 2001-2.

External Coordinator, "Social Exclusion in Latin America and the Caribbean" Inter-American Development Bank Regional Research Network Project, 2000-2.

Consultant on "Targeting Social Protection to the Poor: What are the Tradeoffs?" for Poverty Reduction and Social Protection Network, coordinated by the Poverty and Inequality Unit of the Inter-American Development Bank, 2001.

Visiting Research Fellow, Development Research Group, World Bank, 2000-1.

Consultant, World Bank Office of the Publisher on Labor Policy in Latin America, 2000.

Consultant to give lectures on "Human Resources, Household Behaviors, Demographic Outcomes and Markets in Developing Countries," University of Costa Rica, San Jose, Costa Rica, 13-15 November, 2000.

Consultant, Thailand Development Research Institute/World Bank Project on "The Effects of the Thai Economic Crisis and of Thai Labor Market Policies on Labor Market Outcomes," 2000.

Consultant, World Bank Research Project on Malnutrition in Bolivia, 2000.

Consultant, International Food Policy Research Institute Project on Evaluation of PROGRESA (Mexican Program on Education, Health and Nutrition), 1998-2000.

Consultant and Member of Expert Advisory Group on Asian Development Bank *As the Century Turns: The Social Challenge in Asia* for *Asian Development Outlook*, 2000, 1999-2000.

Co-Principal Investigator (with Pranee Tinakorn), Thailand Development Research Institute (TDRI)-International Center for the Study of East Asian Development (ICSEAD) research project on "The Impact of the Thai Financial Crisis on Thai Labor Market Outcomes," 1999-2000.

Co-Principal Investigator (with Susan Watkins), "Inter-Generational Resource Flows in a Poor Sub-Saharan Population," Population Aging Research Center (PARC), University of Pennsylvania, National Institute of Aging (NIA) PARC Core Grant Pilot Study Project, 1999-2000.

Principal Investigator, Population Aging Research Center (PARC), University of Pennsylvania, National Institute of Aging (NIA) PARC Core Grant, 1998-1999.

Consultant, World Bank Poverty Reduction and Economic Management Project on preparing training materials on household behavior and public subsidies for the course on "Public spending, Service Delivery and the Poor," 1999.

Co-Principal Investigator (with Susan Cotts Watkins), NIH Center for AIDS Research, University of Pennsylvania, Pilot and Feasibility Grant Program, "Two Social Science Aspects of Intergenerational and Intragenerational Interactions Related to HIV/AIDS in a High-HIV/AIDS-Incidence Sub-Saharan Population," 1999-2000.

Co-Principal Investigator (with Mark R. Rosenzweig), National Institute of Aging/National Institutes of Health, "Intrafamily Resource Allocations and Their Consequences," 1995-2000

Co-Principal Investigator (with Mark R. Rosenzweig), National Science Foundation, "Family Interactions, Human Capital Investments, and Endowments," 1995-2000.

Consultant on Asian Development Bank project on "Financing Human Resource Development in Asia," 1998-2000.

Consultant, Inter-American Development Bank, Background Papers for IPES 2000 on "How Does Latin America Look at the End of This Century in Terms of Education, Health and Demography?" 1998-9.

Consultant, World Bank Institute, Core Course on Adapting to Change: Population, Reproductive Health and Health Sector Reform, Module 1: The Policy Framework for Population and Reproductive Health, 24 September 1999.

Co-Principal Investigator (with Andrew Foster and Mark R. Rosenzweig), National Institute of Health, "Population Growth, Economic Change & Forest Degradation," 1995-1999.

Consultant, Inter-American Development Bank, Venezuela: Targeted Social Programs Study, 1998-9.

Co-Principal Investigator (with Andrew Foster and Mark R. Rosenzweig), "Census for Village Panel Data in Rural India for Analysis of Population Growth, Economic Change and Forest Degradation," Mellon Fund at the University of Pennsylvania, Training and Research in the Demography of Less Developed Countries, 1997-9.

Consultant, World Bank, *World Bank Economic Review* on gender differences in microenterprises in Mexico, 1999.



Consultant, presentation for the World Bank's PREM Week 99 breakout session on "Population Change and Economic Performance in LAC," for session on "It's Not Just Sex: Why Economists Should Be interested in the Population Debate -- *A Balloon Debate on Population and Economic Development*, 1999.

Consultant, presentation for the World Bank's PREM Week 99 session on "The Impact of Development Policies and Programs on Poverty and Human Development: Framework and General Perspective," 1999.

Co-Principal Investigator (with Andrew Foster and Mark R. Rosenzweig), National Science Foundation, "The Effects of Economic Development on Population Growth," 1993-1998.

Consultant, Rockefeller Foundation, Packard Foundation and the United Nations Population Fund (UNFPA) to prepare paper on "Why Micro Matters: Why a Micro Perspective on Population Change and Economic Development is Essential for Good Conditional Predictions and Policy Formation and Evaluation" for Symposium on Population Change and Economic Development Conference Co-Sponsored by, Rockefeller Foundation's Bellagio Center, Lake Como, Italy, November 2-6, 1998.

Consultant, Inter-American Development Bank, Inter-American Institute for Social Development, Integration, and Regional Programs Department, Survey Evaluation, 1998.

Consultant, World Bank-Ministry of Education/Colombia, Evaluation of school vouchers and related programs in Colombia, 1998.

Co-Principal Investigator (with Susan Cotts Watkins), "Expanding the Data Base for Analysis of Fertility, AIDS, Social Networks, and Public Program Effects in a High-Fertility and High HIV-Incidence Population," Mellon Fund at the University of Pennsylvania, Training and Research in the Demography of Less Developed Countries, 1998.

Co-Principal Investigator (with Susan Cotts Watkins), "Expanding the Data Base for Analysis of Fertility, AIDS, Social Networks, and Public Program Effects in a High-Fertility and High HIV-Incidence Population," University of Pennsylvania Research Foundation, 1998.

Consultant, Brookings Institution, Center on Social and Economic Dynamics, Social Mobility in Latin America, 1998.

Consultant, Inter-American Development Bank, Social Mobility Concepts and Measurement, 1997-8.

Consultant, Inter-American Development Bank, Inter-American Institute for Social Development, Integration, and Regional Programs Department, Advisory Board for Program to Improve Surveys on Living Conditions in Latin America and the Caribbean, 1997-8.

Co-Principal Investigator (with James Knowles), "Economic Framework for Evaluating Population and Reproductive Health Investments," Rockefeller Foundation, Program in Population Sciences, 1997-8.

Consultant, Hong Kong Research Grants Council on research proposals, 1996-

Consultant, World Bank, *World Bank Economic Review* on social benefit incidence in sub-Saharan Africa, 1998.

Consultant, World Bank, *World Development Report 1998*, commentary on overall report and chapter on education, 1997-8.

Consultant, International Labour Organization, developing analytical framework for human resource investments and their impact and for the motives for training as background paper for the *World Employment Report 1998-99*, 1997-8.

Consultant, World Bank, *World Development Report 1998*, empirical evidence on asymmetric information in developing countries, 1997-8.

Consultant, World Bank, research project 679-61 "Increasing the Policy Relevance of LSMS Surveys" on analysis of household behavior and governmental policies and related estimation and data collection issues, 1997-8.

Consultant, World Bank-Ministry of Education/Colombia, Evaluation of school vouchers and related programs in Colombia, 1997.

Consultant, Government of Tanzania/World Bank, Social Sectors Training Program (Teaching Two-Week Mini Course on Microeconomics of Household Behavior in for IDF Project in Dar-es-Salaam, Tanzania on IBRD/IDA Financed Project), 1997.

Consultant, World Bank, Child Development in Bolivia, 1997.

Consultant, World Bank, Policy Research Department, Modeling Household Behavior in Analysis of Social Service Targeting, 1997.

Consultant, World Bank, Policy Research Department, Reviewing papers on Living Standards Measurement Surveys for World Bank, 1997.

Consultant, Program on Economic Policy Management, Columbia University to Review Program on Economic Policy Management, Columbia University, 1997.

Consultant, Mellon Foundation-Williams College Project on "The Economics of Higher Education," 1989-1997.

Consultant on Development of a Strategic Framework for Food Security in Southern Africa, Oxford Policy Management Limited, for seminar on SADC Food Security Training Programme: Roles for Government in Health, Nutrition and Food Security, 10-12 December 1996, Harare, Zimbabwe, implemented by Southern African Regional Institute of

Policy Studies (SARIPS) in collaboration with Commonwealth Regional Health Community Secretariat for Eastern and Southern Africa (CRHCS-ECSA).

Consultant, World Bank, Poverty and Social Policy Department, "Basic Public Services for the Poor," 1996-7.

Consultant, World Bank, Editorial and Production Unit, on Vietnamese transition to market economy and household welfare, 1996.

Consultant, Asian Development Bank, on "A Study of Emerging Asia," 1996.

Consultant, World Bank Poverty and Social Policy Department, 1996.

Consultant, *World Bank Economic Review*, "Skills, Schooling and Income," 1996.

Consultant, World Bank, South Asia - Country Department I, "Human Resources in Pakistan," 1996.

Social Sector Economist, Vietnam Social Sector Financing Project, Asian Development Bank-Abt Associates, 1995-6.

Co-Principal Investigator (with Andrew Foster and Mark R. Rosenzweig), National Institute of Health, "Seasonality and Health in Low-Income Rural Areas," 1992-1996.

Consultant, Overseas Development Council, income distribution, poverty and demographic changes, 1995-6.

Consultant, International Food Policy Research Institute, "Intrahousehold Resource Allocation: Methods, Models, and Policies," 1995.

Consultant, World Bank, South Asia - Country Department I, Background Paper for Pakistan 2010 on "Pakistan: Human Resource Development and Economic Growth into the Next Century," World Bank Mission to Pakistan, 1995.

Consultant, International Science and Technology Institute, Inc, on Latin America and Caribbean Health and Nutrition Sustainability Project, 1992-5.

Consultant, United Nations Development Project (UNDP), *Human Development Report 1996*, on Linkages Between Human Resources Development and Productivity and Economic Growth, 1995.

Consultant, United Nations Development Project (UNDP), *Human Development Report 1996*, on Impact of Distributive and Expenditure Policies on Human Capital Development, 1995.

Consultant and United Nations International Expert, UNIDO on "Industry and Social Integration," 1994-5.

Consultant, Population Division, United Nations, on "Intra-Household Allocation of Resources: Is There a Gender Bias?" for book *Too Young to Die: Genes or Gender?*, 1994-5.

Consultant, Office of Research, U.S. Department of Education (through Pelavin Associates, Inc.) on conference and book on "Social Benefits of Education," 1994-5.

Consultant, Harvard Institute for International Development-Unidad de Analisis Politica Economica/Grupo Social Boliviana, Analysis of Demand for Social Sector Services, 1992, 1993, 1994.

Consultant, "Gender Issues and Employment in Asia," Asian Development Bank (ADB), Development Round Table (DRT) on Employment Creation for Broadly-Based Growth, 12-14 October 1994.

Consultant, "Women's Employment: Patterns Across Countries and Over Time," World Bank, *World Development Review 1995*, 1994.

Co-Principal Investigator (with Mark R. Rosenzweig and Paul Taubman), NIA Supplement, Population Studies Center, University of Pennsylvania, "Seed and Matching Funds for Collection and Socioeconomic Analysis of Data on a New Sample of Male and Female Twins," 1994-5.

Consultant, Population and Human Resources Department, World Bank, Evaluation of Impact of Health on Education, 1994.

Consultant, Population and Human Resources Department, World Bank, Evaluation of Impact of Health on Agricultural Productivity in Ghana, 1994.

Consultant, Population and Human Resources Department, World Bank, Evaluation of Impact of Health on Age of Starting School in Pakistan, 1994.

Co-Principal Investigator (with Mark R. Rosenzweig and Paul Taubman), Economics Research Institute, Economics Department, University of Pennsylvania, "Seed and Matching Funds for Collection and Socioeconomic Analysis of Data on a New Sample of Male and Female Twins," 1993-4.

Co-Principal Investigator (with Mark R. Rosenzweig and Paul Taubman), Research Foundation, University of Pennsylvania, "Seed and Matching Funds for Collection and Socioeconomic Analysis of Data on a New Sample of Male and Female Twins," 1993-4.

Co-Principal Investigator (with Mark R. Rosenzweig and Paul Taubman), Boettner Institute, University of Pennsylvania, "Seed and Matching Funds for Collection and Socioeconomic Analysis of Data on a New Sample of Male and Female Twins," 1993-4.

Consultant on "Household Behavior and Micronutrients," International Food Policy Research Institute- USAID Office of Nutrition Project on "Food Policy and Agricultural Technology to Improve Diet Quality and Nutrition," 1993-4.

Consultant, International Food Policy Research Institute-USAID project on "Human Capital Accumulation in Post-Green Revolution Pakistan," 1989-1994.

Consultant, UNFPA/United Nations Population Funds, "Current Trends and Future Directions in Development Planning," 1993.

Co-Principal Investigator (with Michael S. McPherson, Lori G. Kletzer, and Morton Owen Schapiro), National Science Foundation, "The Supply of Scientists and Engineers: Responsiveness to Markets and Heterogeneity in Quality," 1991-1993.

Consultant, Inter American Development Bank, Human Resources in Latin America, Special Section of 1993 Report, 1992-3.

Consultant, International Labor Organization, on selected topics with regard to human resources and development, 1992-3.

Consultant, World Bank Research Administration, on evaluation of health-care payment schemes, 1993.

Consultant, World Bank Research Administration, on evaluation of school repetition, 1993.

Consultant, *World Bank World Development Report*, Health in Developing Countries, 1993.

Consultant, Oxford University Press, *Leading Issues in Economic Development*, 1993.

Consultant, Population and Human Resources Department, World Bank, Evaluation of Methodology for Evaluating Investments in Education, 1992-3.

Consultant, Country Economics Department, World Bank, East Asian Schooling Investments in International Perspective, 1992-3.

Co-Principal Investigator (with Andrew Foster and Mark Rosenzweig), "Analysis of NCAER Longitudinal Socioeconomic Data for Rural India: Proposal Preparation," University of Pennsylvania Research Foundation, 1992.

Consultant, Middle East North Africa Region, World Bank, "Arab Republic of Egypt: Public Sector Investment Review," 1992.

Consultant, Vital, International Science and Technology Institute, Inc, on Economic Rationale for Investing in Nutrition, 1991-2.

Consultant (with Michael S. McPherson and Morton O. Schapiro), on Economic Factors Environmental Scan, Department of Higher Education, New Jersey, 1991.

Consultant, Asian Development Bank, "Rural Poverty in Asia," Special Topic for 1992 *Asian Development Outlook*, 1991.

Consultant, Thailand Development Research Foundation-Asian/American Free Labor Institute, Analysis of Impact of Private versus Public Schools, 1991.

Consultant, World Bank, Population and Human Resources Department, "Child Growth and Social Services in India," 1991-2.

Consultant, World Bank, Research Administration, Policy, Research and External Affairs, "Data Analysis and Development Policy," 1991.

Consultant, World Bank, Population and Human Resource Department, Analysis of Tamil Nadu Nutrition data, 1991.

Consultant, World Bank, Population and Human Resource Department, Women's Public Services, 1991.

Consultant, World Bank, Population and Human Resource Department, Impact of Nutrition and Health on Schooling with Control for Simultaneity, 1991-2.

Consultant, Harvard Institute of International Development-USAID Project on Bolivian Economic Development, 1991.

Consultant, Mellon-World Bank Project, "Education, Growth and Inequality in Brazil," 1990-1.

Co-Principal Investigator (with R.A. Pollak and S. Preston), National Institutes of Health project on "Stability of Population Models Based on Both Genders," 1987-1991.

Co-Principal Investigator (with R.A. Pollak and P. Taubman), National Institutes of Health project on "Family Effects on Child Development," 1982-1985, renewal 1985-1987, renewal 1987-1991.

Consultant on macroeconomics and human resources, Thai Development Research Institute-Harvard Institute of International Development, Bangkok, Thailand, 1987-91.

Consultant, World Bank Project on Women's Schooling and Labor Force Experience in EMENA (Europe, Middle East, and North Africa), 1988-1991.

Consultant, GENESYS Project of The Futures Group on "Women in Development Strategies for the 1990s in Asia and the Near East: Investing in Female Education for Development" for USAID, 1990-1.

Consultant, Asian Development Bank, "Priority Issues and Policy Measures to Alleviate Rural Poverty," 1990.

Consultant, World Bank Project, Impact of Women's Schooling on Nonmarket Outcomes, 1990-1.

Consultant, World Bank, "Economics of Human Resources and Development," 1990.

Consultant, World Bank Project, Productivity Growth Across Countries, 1990.

Consultant, World Bank Project, Social Sector Determinants and Interactions, 1990-1.

Consultant, World Bank Country Economics Department, on Adjustment Lending and the Poor and the Social Sectors, 1990.

Consultant, Food and Agricultural Organization (FAO), on "The Debt Crisis, Structural Adjustment, and the Rural Poor," 1990.

Principal Investigator (with F. Gerard Adams and Roberto Mariano), "Defense Expenditures and Economic Development: An Updated Cross-Country Perspective and a Case Study of the Philippines," Pew Charitable Trusts-Foreign Policy Research Institute, 1988-1990.

Consultant, World Bank, Population and Human Resources Department, project on "Quality and Socio- Economic Impact of Education in Ghana," 1989-90.

Consultant, International Food Policy Research Institute, Pakistan Rural Education Project, 1989-90.

Consultant, International Labor Organization, Asian Regional Team for Employment Promotion, "Thoughts on Human Resource Development Possibilities," 1989-90.

Consultant, International Development Research Centre (Canada), (with F. Gerard Adams and Santiago Levy), Primary Commodity Instability and Macro Options, 1989.

Consultant, International Labor Organization (ILO) Malaysian Human Resources Development Project, 1988-1989.

Consultant, Economic Development Institute, World Bank, "Collaborative Approaches to Economic Adjustment," 13-14 June 1989.

Consultant (with F. Gerard Adams), Federacion Nacional de Cafeteros de Colombia, on integrated coffee-macroeconometric model, 1988-1989.

Consultant (with Anil B. Deolalikar), World Bank, Operations Evaluation Department, Evaluation of Social Impact of Jamaica's Economic Adjustment Programs, 1988.

Consultant, Boston Institute for Development Economics (BIDE)-Development Alternatives Incorporated (DAI) Development Studies Project II on Indonesian Trade, Employment and Industry with Indonesian Ministry of Planning (BAPPENAS), 1987-1988.

Consultant, World Bank, Human Resources Technical Department, on Health and Nutrition as they Relate to Economic Growth, Poverty Allocation, and Development in General, 1987-1988.

Consultant, World Bank, Human Resources, Health Determinants in Mali, 1987-1988.

Consultant on Rockefeller Foundation - International Rice Research Institute - International Rice Research Institute project on "Differential Effects of Modern Rice Technology and Favorable and Unfavorable Production Environments," 1987-1988.

Consultant on "Intrahousehold allocation of nutrients and gender differences" for the United Nations University/World Institute for Development Economics Research (WIDER), 1987-1988.

Consultant, World Bank, Office of Vice President of Research, on Health Care Demand, 1987.

Principal Investigator, National Institutes of Health project on "Household Behavior and Health, Mortality and Productivity," 1986-8.

Co-Principal Investigator (with R.A. Pollak and P. Taubman), National Institutes of Health project on "Marital Dissolution and Child Development," 1985-7.

Co-Principal Investigator (with P. Taubman and R. Sickles), National Institute on Aging project on "Medicare and Shifts in Survivor Functions for the Aged," 1986-8.

Principal Investigator, International Programs Fund, University of Pennsylvania, "The Impact of Economic Adjustment Programs on Human Capital in the Philippines," 1986-7.

Visiting Scientist, Economics Program, ICRISAT (International Crops Research Institute for the Semi-Arid Tropics), Hyderabad, India, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987.

Consultant, World Bank, Education and Training Department, on the financing of education, 1986.

Consultant, World Bank, Economics and Research Department, on diversified secondary education, 1986.

Consultant, Population, Health and Nutrition Department, World Bank, on policy analysis regarding population, health and nutrition, 1985-6.

Co-Principal Investigator (with R.A. Pollak and T. Walker), Population Council International Research Award on Determinants of Fertility in Developing Countries project on "Family Structure and Fertility: Theoretical and Empirical Analysis," 1982-1986.

Consultant, Europe, Middle East and North Africa Country Programs Department, World Bank, on impact of removing food subsidies in Morocco and possible compensating measures, 1985.

Consultant, Population, Health and Nutrition Department, World Bank, on social contraceptive marketing, World Bank, 1985.

Consultant, Population, Health and Nutrition Department, World Bank, on determinants of health, mortality and fertility in Sierra Leone, 1985.

Co-Principal Investigator (with R.A. Pollak and S. Preston), National Institutes of Health project on "Mortality, Nutrition and Income -- New Data and Analysis," 1984-1987.

Co-Principal Investigator (with K. Lovell, R. Pollak and R. Sickles), National Science Foundation project on "Specification and Estimation of Multiproduct Technologies: An Application to Indian Agriculture," 1984-1987.

Co-Principal Investigator (with B.L. Wolfe), National Institutes of Health project on "Women's Schooling, Background, and Nonmarket Outcomes," 1984-1986.

Co-Principal Investigator (with P. Taubman), National Institutes of Health project on "Two Fertile Ideas," 1984.

Consultant, InterAmerican Development Bank, on Macro Models for Latin American Economies, 1982- 1983.

Consultant, World Bank, on Global Modeling, 1983.

Research Investigator and Consultant, World Bank, studies on Brazilian income distribution and growth, 1980-1984.

Research Investigator and Consultant, United Nations, Center for Development Planning, Projections and Policies, 1982.

Consultant, Guttentag-Herring National Science Foundation Phase I Project on "Public Policy Toward International Banking Activity," 1982.

Consultant, Ministry of Finance and Development Planning, Botswana, 1982.

Research Investigator and Consultant, World Bank project on economic consequences of educational expansion, 1982-1983.

Co-Principal Investigator (with B.L. Wolfe), National Science Foundation project on "Schooling and Health Human Capital Investments in a Developing Country: Inter- and Intrafamily Determinants," 1980- 1983.

Co-Principal Investigator (with P. Taubman), National Science Foundation on "An Inter- and Intragenerational Study of Human Capital, " 1980-1983.

Co-Principal Investigator (with R. Sickles), Wharton Center for International Management Studies Program, project on "Econometric Measurement of International Management Efficiency: Development of an Approach and Some Applications," 1981-1983.

Research Associate on project entitled "An Economic Evaluation of Industrial Development Policies," Department of Labor, 1980-1981.

Compton Foundation Population Fellowship, for study on migration of women in developing countries, 1980-1981.

Consultant, United States International Communication Agency, State Department, Seminar Program on "Policies for Natural Resources," 1980, 1981.

Consultant, Ford Foundation - National Council for Applied Economic Research (NCAER) of India, 1980.

Consultant, Resources for Future, models of timber supply, 1979.

Co-Principal Investigator (with P. Taubman) on project entitled "The Short- and Long-Run Effects of Minimum Wages on the Distribution of Earnings," Minimum Wage Study Committee, 1979-1981.

Consultant, ECIEL Trade Liberalization and Employment Project, 1978.

Consultant, World Bank, macro modeling of developing countries, 1978-1979.

Research Investigator and Consultant, U.S. Treasury, to evaluate gains from pooling financing across international buffer stock agreements, 1977.

Co-Principal Investigator (with H. Belli, B.L. Wolfe, and A. Ybarra), on project entitled "Impact of Education, Employment, Rural Development and Health/Family Planning on Fertility and Women's Roles," AID, 1977-1981.

Co-Principal Investigator (with F.G. Adams and D. Ford) on project entitled "International Primary Commodity Markets and Economic Development: An Integrated Econometric Analysis of Basic Policy Issues," AID, 1977-1981.

Co-Principal Investigator (with H. Belli, B.L. Wolfe, and A. Ybarra), "Biases in the Estimation of Fertility Determination, Women's Labor Force Participation, and Wages in Nicaragua," Ford and Rockefeller Foundations' Research Program on Population and Development Policy, 1977-1978.

Co-Principal Investigator (with P. Taubman) on project entitled "Analysis of the Interrelations Among Schooling, I.Q., Earnings, and Occupational Status Using an Intergenerational Sample with an Extended Family Structure," National Science Foundation, 1977-1979.

Consultant, AID, to evaluate report on Strategies for Small Farmer Development, 1976-1977.

Research Investigator and Consultant, SIECA (Secretaria Permanente del Tratado General de Integracion Economica Centroamericana), on macroeconomic model of Central American Common Market, 1976-1978.

Senior Research Advisor, Institute of Applied Economic Research, Sir George Williams Campus, Concordia University, Montreal, 1976-1980.

Co-Principal Investigator (with F.G. Adams), Rockefeller Foundation-University of Pennsylvania project on "Analysis of Policy Alternatives for Price and Quantity Stabilization for Selected Primary Commodities in World Markets," 1976-1978.

Consultant, AID, to evaluate commodity study proposal, 1976.

Consultant, New York University, to evaluate applied masters in economics, 1976.

Co-Principal Investigator (with P. Taubman) on Project entitled "Distribution of Earnings, Occupational Status and Educational Attainment," National Science Foundation, 1976-1979.

Consultant, INCAE, Human Resources Project, Managua, Nicaragua, 1976-1977.

Research Investigator and Consultant, Overseas Development Council project on New International Economic Order, 1976-1977.

Consultant, Harvard Institute for International Development-Central Bank of Nicaragua Economic Modeling Project, 1975-1976.

Consultant, ILPES-NBER-UN Project on Short Term Policy in Latin American Economies, 1975-1976.

National Bureau of Economic Research, Associate on Project on Trade and Strategies and Employment, 1975-1979.

Research Investigator and Consultant, UNDP-ILPES study on macroeconomic modeling of short term policy in Panama, 1975-1976.

Research Investigator and Consultant (with F.G. Adams), United Nations Committee on Trade and Development project on World Commodity Models, 1974-1976.

Research Investigator and Consultant, Brookings-SIECA project on Central American Common Market, 1973-1976.

Co-Principal Investigator (with P. Taubman) on Project entitled "The Importance of Nature and Nurture on Earnings, Occupational Mobility, Healthiness, and Family Size Using Twin Sample," National Science Foundation, 1973-1976.

Principal Investigator National Science Foundation on project entitled "A Macroeconometric Investigation of the General Equilibrium Impacts of Fiscal, Monetary, Income and International Policies in a Developing Country," 1972-1976.

Research Investigator and Consultant, Development Research Center, World Bank, on macro-model integration project, 1972-1973.

Consultant, United States Treasury, 1972.

Research Investigator and Consultant, Wharton Econometric Forecasting Associates, Inc., on Commodity Disposal Studies for the General Service Administration, 1970-1971.

National Bureau of Economic Research, associate working on Bhagwati-Krueger study of effects of quantitative trade policies on developing economies, 1969-1976.

Research Associate and Consultant, MIT-ODEPLAN-Ford project, Office of National Economic Planning, Santiago, Chile, 1968-1971.

Research Investigator and Consultant on Econometric Modeling of World Rubber Markets, Economics Department, World Bank, Washington, 1966-1969.

Faculty Associate, National Science Foundation sponsored project on "Econometric Approach to the Structure and Characteristics of World Primary Commodity Markets and International Commodity Trade," Economic Research Services Unit, University of Pennsylvania, 1965-1968.

#### **Professional Organizations:**

American Economic Association, Econometric Society (Fellow), Population Association of America, Pakistan Society of Development Economists, Latin American and Caribbean Economic Association (Charter Member and Honorary Fellow), Society of Labor Economists (Charter Member), International Union of the Scientific Study of Population, Bureau for Research and Economic Analysis of Development (BREAD) Senior Fellow

#### **Directorships:**

Boettner Institute of Financial Gerontology, trustee 1994-6, 2011-.

Econsult, 1979-86

National Bureau of Economic Research, Inc., 1974-1979.

Wharton Econometric Forecasting Associates, Inc. 1973-1979.

**Journal Referee:** American Economic Review ("Excellence in Refereeing Award, American Economic Review, 2009"), Journal of Political Economy, Econometrica, International Economic Review, Economic Development and Cultural Change, Journal of Econometrics, Journal of Development Economics, Economic Record, American Journal of Agricultural Economics, Journal of Farm Economics, Journal of Developing Areas, Journal of International Economics, Industrial and Labor Relations Review, Journal of Money, Credit and Banking, Eastern Economic Journal, Quarterly Journal of Economics, Canadian Journal of Development Studies, Western Economic Journal, Journal of Policy Modeling, The Canadian Journal of Economics, World Development, Review of Economics and Statistics, Population and Development Review, Economics of Education Review, Journal of Regional Science, Journal of Applied Econometrics, Science, World Bank Economic Review, European Economic Review, Journal of Human Resources, Anthropology and Education Quarterly, Demography, Southern Economic Journal, Quarterly Journal of Business and Economics, International Organization, Economic Inquiry, Oxford Economic Papers, Pakistan Development Review, Economica, Journal of Interamerican Studies and World Affairs, Kajian Ekonomi Malaysia, The Scandinavian Journal of Economics, Economic Journal, Studies in Comparative International Development, Journal of Economic History, Food Policy, Oxford Bulletin of Economics and Statistics, Appetite: Determinants and Consequences of Eating and

Drinking, Journal of African Economics, Review of Marketing and Agricultural Economics, Journal of Population Economics, Journal of Economic Education, Journal of Economic Surveys, African Development Review, Malaysian Journal of Economic Studies, Social Science Quarterly, Journal of Development Studies, Economics and Politics, International Studies Quarterly, Journal of Economic Literature, Review of Income and Wealth, Education Economics, Agricultural Economics, The Journal of Environment and Development, Review of Development Economics, Journal of Health Economics, Empirical Economics, Research in Labor Economics, Journal of Public Economics, Social Science Quarterly, Social Science and Medicine, Caribbean Studies, Demographic Research, Health Economics, Australian Economic Papers, Social Biology, American Sociological Review, Journal of Labor Economics, Australian Journal of Agricultural and Resource Economics, Comparative Education Review, Science, Journal of the European Economic Association, Studies in Family Planning, Population Studies, Journal of Applied Economics, Metroeconomica, European Journal of Population, Journal of Development Effectiveness, American Economic Journal: Applied Economics, Social Science Research, Economic Letters, Biodemography and Social Biology, Pakistan Journal of Social Sciences, Educational Evaluation and Policy Analysis, Thymos: Journal of Boyhood Studies; Journal of Health and Social Behavior, Ecology and Society, Journal of Economics and International Finance, The Lancet Global Health, Inter-American Development Bank, Journal of Policy Analysis and Management, American Journal of Clinical Nutrition

### **Experience Abroad:**

Launch of **CHILE Inclusive (CHILE: Capital Humano Intervenciones Longitudinal Evaluaciones) (CHILE: Human Capital Interventions Longitudinal Evaluations)**, Santiago, Chile 10-17 July 2016.

Young Lives Program, Oxford University, Oxford UK, 12-14 June 2016.

EDEPO/IDB conference on "The early years: child well-being and the role of public policy", British Academy (10-11 Carlton House Terrace, London, SW1Y 5AH), 9-10 June 2016.

Jacobs Foundation Jury, Zurich, Switzerland, 8-9 June 2016.

Discussant, Jacobs Foundation Conference 2016, "Economizing Education Policy: Tradeoffs, Incentives, and Generalizing from Evidence Marbach, Germany, 27-29 April 2016.

"Research and funding application ideas for Estudio META" (with John Hoddinott, John Maluccio), Institute for Nutrition in Central America and Panama (INCAP), Guatemala City, Guatemala, 10-13 March 2016.

Participant and discussant in "Evidence for Scale: Research Methods to support the Implementation of Quality Education and Early Childhood Development Programs at Large Scale in Global Contexts" Conference, March 1-2, 2016, New York University Abu Dhabi.

Invited Senior Commentator, Jacobs Foundation Conference 2016 on Economizing Education Policy: Tradeoffs, Incentives, and Generalizing from Evidence, Marbach, 27-29 April 2016.

GRADE and Instituto de Investigación Nutricional, Lima Perú, 15-17 December 2015.

Centro de Encuestas y Estudios Longitudinales, Pontificia Universidad Católica del Chile, Santiago de Chile, 8-15 December 2015.

"Nutrición durante los primeros años de vida y sus consecuencias sobre la Salud, Rendimiento Escolar, Productividad Laboral y el Desarrollo Económico y Social." Ministerial Breakfast and Foro/Taller Intersectorial "Nutrición, Salud, Capital Humano y Sostenibilidad del Desarrollo Económico y Social: Perspectivas y Desafíos para El Salvador", San Salvador, El Salvador, 7-10 July 2015.

Young Lives Round 5 (R5) Planning Meeting 20-26 June 2015; New Cohort Study planning meeting 28 June 2015; NICHD-GCC-BMGF project meetings 29 June – 1 July 2015; UNICEF Expert Round Table on "Using Longitudinal Data to Support Measurement of the Sustainable Development Goals, Oxford University, Oxford UK.

Switzerland, Klaus J. Jacobs Research Prize International Jury honoring groundbreaking achievements in research on youth and child development, Marbach, Germany, 11-13 June 2014, 10-12 June 2015.

"Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools, "Keynote Speech, The Navarra Center for International Development of the University of Navarra a workshop on Development Economics, IESE Campus, Madrid, Spain 1-2 June 2015.

Chair, Panel on "Family and Social Transfer" workshop on Strengthening the Scientific Foundation for Policymaking to Meet the Challenges of Aging in Latin America and the Caribbean, National Academy of Medicine in Mexico City (Academia Nacional de Medicina de México, ANMM), 28-29 May 2015.

Workshop on "ELPI: Investigación en curso y próximas rondas", Centro de Encuestas y Estudios Longitudinales, Pontificia Universidad Católica del Chile, Santiago, Chile, 6-10 April 2015

GRADE and Instituto de Investigación Nutricional, Lima Perú, 4-8 March 2015 and Chagas Research Team Meetings, Arequipa, Perú, 8-13 March 2015.

Public Health Foundation of India, New Delhi, India, 9 May 2014

Project on stimulation of young children in Odissa, India, 9-18 May 2014.

Latin American and Caribbean Economic Association Annual Meeting, Colegio de Mexico, Mexico City, 31 October-3 November 2013.

Grand Challenges Canada "Saving Brains" Community Meeting, 25-30 October 2013.

Development of NIH application on evaluating new Indian national *Rashtriya Bal Swasthya Karyakarm (RBSK)* program, New Delhi, India: INCLEN, 18-21 October 2013, 11 and 18 May, 2014..

Ernst Strüngmann Forum 15: *Formative Childhoods: A Path to Peace?* Frankfurt, Germany 13-17 October 2013. Presentation on "Quantity and Quality of the Population" at Global Citizens Foundation Project on Towards a Better Global Economy High-Level Conferences, Geneva, Switzerland, 11-13 July 2013.

Invited Plenary Lecture on "Intergenerational Transmission of Poverty and Inequality: Young Lives," Conference on "Inequalities in Children's Outcomes in Developing Countries," St Anne's College, Oxford, UK. 8-9 July 2013.

Invited Lecture on "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" at conference on Human Resources and Economic Development, June 24-25, 2013 at Hong Kong University of Science and Technology, supported by HKUST's Department of Economics, Division of Social Science, Institute for Advanced Studies, and Institute for Emerging Market Studies.

"Impact of Early Childhood Growth Failure over Life Course, Benefit/Costs, and Post-Infancy Recovery and Faltering," Grand Challenges Canada Saving Brains Meeting, Calgary, Canada, 15 June 2013.

"La primera infancia: perspectivas internacionales" invited lecture presented at seminar on "Desarrollo en la Primera Infancia: Evidencia longitudinal," Universidad de Chile, Santiago 20-23 March 2013.

"Grand Challenges Canada Project on Economic Returns to Saving Brains," COHORTS meeting, Antigua, Guatemala, 9-13 March 2010.

Jamaica, Evaluation of PATH, with Sanigest Internacional, 20-23 June 2011, 9-11 August 2011, 6-9 March 2013.

Bill and Melinda Gates Foundation-National Institute of Child Health and Development Project Meeting, Oxford University, Oxford, UK, 19-23 February 2013.

Meetings of project on safe places for adolescent girls, Lusaka, Zambia, 1-10 February 2013.

External Advisory Committee Participant and Discussant, Gender, Agriculture, & Assets Project (GAAP) Technical Workshop, International Livestock Research Institute (ILRI), Addis Ababa, Ethiopia, 9-12 January 2013.

Presentations on "Team1000+ Economic Returns to Mitigating Early Life Risks" and "Measuring Human Capital", Grand Challenges Canada Community Meeting, Ottawa, CA, 9-12 December 2012.

Presentation on "Quantity and Quality of the Population" at Global Citizens Foundation Project on Towards a Better Global Economy Workshop, Geneva, Switzerland, 1 December 2012.

Presentation on "Wealth Gradients in Early Childhood Cognitive Development in Five Latin American Countries," Conference on "Early Childhood Development and Human Capital Accumulation" hosted by University College London, EDePo@IFS, 3ie and the Institute for New Economic Thinking, at University College London, London UK 25-26 June 2012.

Presentation on "Primera Infancia: una inversión en el desarrollo humano," Foro: Primera Infancia: Asegurando el Futuro Hoy (Early Childhood Development Forum), Sponsored by H.S. Marta Linares de Martinelli, Primera Dama de la República y Presidenta del Consejo Asesor de la Primera Infancia, Ministerio de Desarrollo Social and Inter-American Development Bank, Panama City, Panama 20 October 2011.

Mexico, Ad Hoc Expert Panel on Research Priorities, Subsecretaria De Educacion Media Superior (SEMS), Ministry of Education (SEP), 21 May 2007, 20 August 2007, 5-8 February 2008, 7-9 May 2008, 22-25 June 2008, 24-27 August 2008, 6-9 January 2009, 21-26 June 2009, 27 July-1 August 2009, 11-15 January 2010, 4-7 May 2010, 26-30 July 2010, 26-29 January 2011, 25-29 July 2011.

Chile, Invited Lecture on "Research Evidence on Early Education Investment Returns," at Meeting on "Desarrollo de la Primera Infancia: Evidencia internacional, políticas públicas y nuevo datos para Chile", Santiago, Chile 13 December 2010.

Cuba, Invited Lecture at Latin American Population Association (ALAP) fourth Congress, Hotel Nacional, Havana, Cuba, November 16-19, 2010.

Colombia, Invited Lecture at Latin American and Caribbean Economic Society (LACEA) Annual Meetings, Medellin, Colombia 11-13 November 2010.

Jamaica, Global Child Development Group Meeting, Breezes Resorts and Spa, Rio Bueno, Jamaica December 8 - 11, 2009.

Chile, International Impact Evaluation Advisory Committee, September 2008, August 2009, November 2011.

Young Lives Global Symposium, paper presented on "Impact Evaluation and Evidence on Young Live Investment Returns," 12-13 December 2008, St Peter's College, Oxford University, Oxford, United Kingdom.

Chile, Meeting of International Committee, Chilean Center for Advanced Studies in Education, project led by the University of Chile in association with the Catholic University of Valparaiso and the University of Concepción, 3-4 December 2008.



Chile, Third Conditional Cash Transfer Seminar organized by FAO, CEPAL and UNDP FAO Regional Office, Santiago, 1 December 2008.

Brazil, Carlos Diaz-Alejandro Prize Invited Lecture at Latin American and Caribbean Economic Society (LACEA) Annual Meetings, Rio de Janeiro, Brazil, 20-22 November 2008.

Chile, Invited Keynote Speaker, "Research Evidence on Early Education Investment Returns," International Seminar on "The Impact of Early Education" sponsored by Chilean Board of National Day Care Centers (JUNJI), 5-7 November 2008.

Chile, Meeting of International Advisory Panel for Monitoring and the Evaluation of Policies and Programs, Budget Office, Ministry of Finance, Government of Chile, 22-23 September 2008.

Mexico, National Institute of Public Health (INSP)- *Oportunidades* Evaluation Project, 2000-2009.

Colombia, Project on Hogares Comunitarios, Centro de Estudios Sobre Desarrollo Economico, Facultad de Economia, Universidad de los Andes, Bogota, 10-11 August 2007; 27 November-1 December 2007; 30 July-2 August 2008.

Chile, Invited Keynote Speaker, session on "Seguimiento, Monitoreo y Evaluación" at Regional Technical Conference on "Hacia la eradicación de la Desnutrición Infantil en América Latina y El Caribe," El Gobierno de Chile, el Programa Mundial de Alimentos de las Naciones Unidas para América Latina y el Caribe (PMA), y el Programa de Naciones Unidas para el Desarrollo (PNUD) en representación del Sistema de las Naciones Unidas, Santiago de Chile, 5 y 6 de mayo de 2008.

United Kingdom: Visiting Scholar University College London/Institute for Fiscal Studies, 25- April – 3 May 2008.

New Zealand, Meeting of The International Healthy Start to Life Project, Auckland and Wellington, 15-18 April 2008.

Invited Expert Panel Member, Latin American Copenhagen Consensus, San Jose, Costa Rica, 22-25 October 2007.

Colombia, Workshop on Colombian Longitudinal Survey of Wealth, Income, Labor and Land (CLA-WILL), Centro de Estudios Sobre Desarrollo Economico, Facultad de Economia, Universidad de los Andes, Bogota, 8-9 August 2007.

Peru, Policy Conference on Reaching the MDGs, Sixth General Poverty and Economic Policy (PEP) Research Network Meeting, Sheraton Lima Hotel, Paseo de la Republica 170, Lima, Peru, 9-16 June 2007

Philippines, Office of Population Studies, San Carlos University, Cebu, Early Childhood Development Project, 1998-2007.

Japan, Meeting of Research Committee for ICSEAD, Kitakyushu, June 1998, June 1999, January 2000, February 2001, January 2002, January 2003, January 2004, January 2005, February 2006, January 2007.

Invited Keynote Speakers at Policy Conference on Reaching the MDGs: An International Perspective, Lima, Peru, June 11-12, 2007.

Invited Speaker, Inter-American Development Bank (IDB)-University of Chile Workshop on "Income Inequality" 11-12 December 2006, University of Chile, Santiago, Chile.

Invited Panelist, International Workshop on "Movilidad Social Y Politicas Publicas En America Latina, Corporacion de estudios para Latinamerica (CIEPLAN), Santiago, Chile 13 December 2006.

Center Commissioned External Review Panel, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Nairobi Kenya and Hyderabad India, November 2006.

Invited Speaker on Panel on Health, Latin American Meeting of the Econometric Society (LAMES) and the Annual Meeting of the Latin American and Caribbean Economic Association (LACEA), ITAM Mexico City, 2-4 November, 2006.

Armenia, Millenium Challenge Corporation Team on Evaluation, July 2006, October 2006.

Invited Keynote Speaker, United Nations University (UNU)-World Institute for Development Economics Research (WIDER) Conference on Health Deprivation and Inequality, 29-30 September 2006, Helsinki, Finland.

Chile, lecture and research collaboration, Universidad de Chile, August 2003, January 2004, June 2004, January 2005, January 2006, May 2007, September 2008, November 2008, December 2008, August 2009.

Nicaragua, Millenium Challenge Corporation Team on Evaluation, June 2006.

Italy, Milan: Fourth PIER-IGIER Conference on New Research on Human Capital Investment in Developing Countries, May 19-20, 2006, Bocconi University.

Colombia, Bogota, Seminario "Hacia un consenso para la prosperidad de Colombia," 35<sup>th</sup> Anniversary of FEDESARROLLO, 27 April 2006.

World Food Programme's *LAC Knowledge Sharing Steering Committee to Support Hunger Eradication*, 8-11 January 2006, Santiago, Chile.

International Union for the Scientific Study of Population (IUSSP) Seminar on "Interactions Between Poverty and HIV/AIDS" 12-13 December 2005, Cape Town, South Africa; Training program on 14 December 2005.

Visiting Scholar, El Instituto Nacional de Salud Pública (INSP), Cuernavaca, Mexico 2-20 November 2005.

Reunion Del Grupo Evaluador De Oportunidades, Instituto Nacional De Salud Pública-Sede Tlalpan, México D.F., 10-11 November 2005.

Information Meeting For The External Evaluation Of IMSS Programs, Mexico City, IMSS (Mexican Institute of Social Security), November 9, 2005

Keynote speaker, Symposium "Capital Humano, Crecimiento, Pobreza: Problemática Mexicana" Department of Economics, Monterrey, NL Mexico 13-14 October 2005.

Workshop on Analysis of Danish Twins Data, Copenhagen, Denmark, 15-16 September 2005.

International Policy Workshop on "Development for (and by) the Next Generation" in preparation of the *World Development Report 2007*, 11 – 13 September 2005, Berlin, Convened by the Development Policy Forum of InWent, Capacity Building International, Germany, in cooperation with the Federal Ministry for Economic Cooperation and Development (BMZ) and the World Bank.

*Seminario de Reflexión: Evaluación de Oportunidades, 2004*, Mexico City, Programa Oportunidades y el Instituto Nacional de Salud Pública (INSP), 6-7 June 2005.

Mexico, Sesión Académica Evaluación a Oportunidades, Salón Adolfo López Mateos, Residencia Oficial de los Pinos, April 2005.

United Kingdom, London, Visiting Fellow, Institute of Fiscal Studies, University College London, March 2005.

Guatemala, Project Meeting at INCAP for NIH/Fogarty, July 2001, April 2002, December 2002, August 2003, February 2004, September 2004.

Philippines, Office of Population Studies, San Carlos University, Cebu, Early Childhood Development Project, 1998-2005.

Brazil, Latin American Family Network (Red Latinoamericana de Familia) Working Meeting, Campinas, December 2004.

Denmark, Expert Assessment Committee of Faculty of Social Sciences, Aalborg University, for Ph.D. thesis submitted by Bj rg Colding entitled "Education and Ethnic Minorities in Denmark," October 2004, Aalborg

Korea, Korea Development Institute School and Maeil Newspaper International Policy Forum with Maeil Newspaper, Seoul, 12-14 October 2004.

Denmark, "From Parent to Child' Workshop with Jere Behrman," June 7-8, 2004, Aarhus School of Business, Aarhus, Denmark and 9-10 June 2004 AMID & CAM, University of Copenhagen, Copenhagen, Denmark

Denmark, "Copenhagen Challenge," 23-5 May 2004.

London, UK, External Examiner, University College London, March 2004.

Hong Kong, Wei Lun Visiting Professor, Chinese University of Hong Kong, April 2004.

Uruguay, Meeting of Latin American Family Network (Red Latinoamericana de Familia) on "Family Diversity and Child Well-being in Latin America: A Comparative Study," 15-16 December 2003.

Brazil, Second Meeting of the Inter-American Development Bank Social Policy Monitoring Network, *Health and Nutrition*, November 6-7, 2003, Rio de Janeiro.

Mexico, International Union of the Scientific Study of Population (IUSSP) Panel on Population and Poverty and and Universidad Iberoamericana Seminar on "Poverty, Programs and Demographic Outcomes," CIDE, Mexico City, 21-22 November 2003

Mexico, Consulting on Social Project Evaluation, April 2002, December 2002, July 2003, November 2003.

Mexico, Puebla, Inter-American Development Bank Research Network Meetings on "Child Health and Nutrition," October 2003.

United Kingdom, UCL/IFS-IDB Social Network, November 2002.

Mexico, National Academy of Science/National Research Council Panel on Transitions to Adulthood Meeting, February 2002.

Costa Rica, Advisory Committee, International Food Policy Research Institute, SPIA Phase 2 Study of the Impact of Agricultural Research on Poverty, San Jose, February 2002.

Japan, Asian Development Bank Institute, Tokyo, Visiting Scholar, January 2002.

Brazil, NIH/Fogarty and Global Development Network Meetings, December 2001.

Chile, five lectures on recent research at Universidad de Chile, December 2001.

Mexico, Mexico City, Inter-American Development Bank Research Network Meetings on "Social Exclusion," July 2001

United Kingdom, London, Invited Keynote Speech on "The Social Benefits of Education: Conceptual and Measurement Issues," Conference on "Wider (non-economic) Benefits of Learning," Institute of Education, London, July 2001.

Malawi, field research on social networks, family planning and AIDS, June 2001.

Thailand, Consultant for Thailand Development Research Institute, August 1999 and July 2000.

Philippines, World Bank Mission on Early Child Development, May 1999 and May 2000.

Philippines, Workshop on the Role of Education Decentralization in Promoting Effective Schooling in Selected Asian Countries," Manila: Asian Development Bank, June 1999 and July 2000.

Mexico, International Food Policy Research Institute (IFPRI)-Progresa Evaluation Project, August, November 1998; February 1999, March 2000, November 2000.

Bolivia, World Bank Mission on Early Child Development, July 1997, July 1999.

Colombia, World Bank Mission on financing education, Ministry of Education, Colombia, October 1997; June 1998.

Tanzania, training course on social sector analysis, July-August 1997.

Zimbabwe, keynote speech at seminar on SADC Food Security Training Programme: Roles for Government in Health, Nutrition and Food Security December 1996 in Harare, implemented by Southern African Regional Institute of Policy Studies (SARIPS) in collaboration with Commonwealth Regional Health Community Secretariat for Eastern and Southern Africa (CRHCS-ECSA).

Vietnam, Asian Development Bank-Abt Team on Social Sectors, 1995-6.

Pakistan, World Bank Mission on "The Pakistan 2010 Report," Islamabad, Pakistan, 30 April - 11 May 1995.

Bolivia, Consultant for Unidad de Analisis de Politicas Economicas/Grupo Social and Harvard Institute for International Development on information and analysis for social policies, 1992, 1992, 1993, 1994.

Thailand, Consultant for Thailand Development Research Institute and Harvard Institute International Development, 1987, 1988, 1989, 1990, 1991.

Philippines, Consultant for the Asian Development Bank project on "Priority Issues and Policy Measures to Alleviate Rural Poverty," 1990, 1991.

Jamaica, World Bank Team to evaluate structural adjustment program, 1988.

Malaysia, Consultant on International Labor Organization-Economic Planning Unit/Prime Minister's Office Project on Employment and Human Resources, 1988-1989.

China, Visiting Scholar, Institute of Agricultural Economics, Chinese Academy of Social Sciences (CASS)- Committee on Scholarly Communication with the People's Republic of China (CSCPRC) Visiting Scholar Exchange Program, 1987 (declined), 1988 (accepted).

Indonesia, Boston Institute of Development Economics (BIDE)-Development Alternatives Incorporated (DAI)-Ministry of Planning (BAPPENAS) Development Studies Project II, Jakarta Indonesia 1987, 1988.

International Rice Research Institute (IRRI)-Rockefeller Foundation project on impact of modern rice technology on favorable and unfavorable producing areas, Los Banos, Philippines, 1987-1988.

Bangladesh, Nepal and Pakistan, Fulbright 40th Anniversary Distinguished Fellow Lectureship, 1987.

India: ICRISAT (International Crops Research Institute for the Semi-Arid Tropics), Hyderabad, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987; Ford Foundation-NCAER, 1980.

Morocco, Member of World Bank Mission on Compensating Measures to Reduce Food Subsidies, 1985.

Tunisia, Visiting Professor at Institute Supérieur de Gestion and Faculté de Droit et des Sciences Economiques, Technology Transfer Project, Academy for Educational Development and Ministry of Higher Education and Scientific Research, 1985.

Botswana, Consultant on mid-plan review and general policy, Ministry of Finance and Development Planning, 1982.

England, Academic Visitor, London School of Economics, 1979-1980, 1981.

Chile, Office of National Economic Planning (ODEPLAN), resident research associate, 1968-1969.

Thailand, Ph.D. thesis research, 1964-1965.

Ghana, work camp project (with Operations Crossroads Africa), 1963.

Hong Kong, Teaching English as a Second Language (sponsored by Williams College Haystack Program), 1962.

U.S.S.R., Russian Language Study Tour (under Cultural Exchange Agreement), 1961.

Conferences, talks, and consulting trips: Philippines, Costa Rica, England, Mexico, Brazil, Chile, Pakistan, India, Panama, Nicaragua, Guatemala, Colombia, Indonesia, France, Jordan, Sri Lanka, Nepal, Bangladesh, Argentina, Germany, Botswana, Switzerland, Japan, Malaysia, Thailand, Finland, Bolivia, Austria.

### **Books and Monographs:**

- 1) *Towards a Better Global Economy: Policy Implications for Global Citizens in the 21<sup>st</sup> Century* (with Franklin Allen, Nancy Birdsall, Shahrokh Fardoust, Dani Rodrik, Andrew Steer, and Arvind Subramanian), 2014, Oxford: Oxford University Press.
- 2) *The Right Skills for the Job? Rethinking Effective Training Policies for Workers* (edited with Rita Almedia and David Robalino), 2012, Washington, DC: Social Protection, Human Development Network, World Bank.
- 3) *Encuesta de Protección Social 2006: Presentación General y Principales Resultados* (with David Bravo, Javiera Vásquez, Olivia S. Mitchell and Petra E. Todd), Santiago, Chile: Universidad de Chile, 2008.
- 4) *Chronicle of a Myth Foretold: The Washington Consensus in Latin America* 2006, *Annals of the American Academy of Political and Social Science* 606 (July) special issue (edited with Douglas S. Massey and Magaly Sanchez R).
- 5) *The Changing Transitions to Adulthood in Developing Countries: Selected Studies*, National Research Council and Institute of Medicine, panel on Transitions to Adulthood in Developing Countries, Cynthia B. Lloyd, Jere R. Behrman, Nelly Stromquist and Barney Cohen (eds.), Washington, DC: National Academies Press, 2005.
- 6) *Growing Up Global: The Changing Transitions to Adulthood in Developing Countries*, National Research Council and Institute of Medicine, panel on Transitions to Adulthood in Developing Countries, Cynthia B. Lloyd (ed.), Washington, DC: National Academies Press, 2005.

- 7) *Who's In and Who's Out: Social Exclusion in Latin America and the Caribbean* (edited with Alejandro Gaviria and Miguel Székely), Washington, DC: Johns Hopkins University Press for Inter-American Development Bank, Latin American Research Network, 2003.
- 8) *The Effects of the Thai Economic Crisis and of Thai Labor Market Policies on Labor Market Outcomes* (with Anil B. Deolalikar, Pranee Tinakorn and Worawan Chandoevrit), Bangkok: Thailand Development Research Institute, 2000.
- 9) *Restructuring Asian Economies for the New Millennium* (ed. with Manoranjan Dutta, Steven L. Husted, Pitayanon Sumalee, Chirathivat Suthipand and Pattoon Wiboonchutikula), Amsterdam-London-New York-Oxford-Paris-Shannon-Tokyo: JAI for Elsevier Science, Research in Asian Economic Studies, Volumes 9A, 9B, 2001.
- 10) *Causes, Correlates and Consequences of Death Among Older Adults: Some Methodological Approaches and Substantive Analyses* (with Robin C. Sickles and Paul Taubman), Norwell, MA: Kluwer Academic Publishers, 1998.
- 11) *The Social Benefits of Education* (Co-Editor with Nevzer Stacey), Ann Arbor: University of Michigan Press, 1997.
- 12) *Human Resources in Latin America and the Caribbean*, Baltimore: The Johns Hopkins University Press for the Inter-American Development Bank, 1996.
- 13) *Demographic Changes, Poverty and Income Distribution*, Washington, DC: Overseas Development Council Occasional Paper No. 4, 1996.
- 14) *Handbook of Development Economics*, Volumes 3A and 3B (Co-Editor with T.N. Srinivasan), Amsterdam: North-Holland Publishing Co., 1995.
- 15) *From Parent to Child: Intrahousehold Allocations and Intergenerational Relations in the United States* (with Robert A. Pollak and Paul Taubman), Chicago: University of Chicago Press, 1995.
- 16) *The Economic Rationale for Investing in Nutrition in Developing Countries*, Washington, DC: United States Agency for International Development, Printed by VITAL, 1992.
- 17) *Population and Economic Development in Thailand: Some Critical Household Behavioral Relations* (with Chalongsob Sussangkarn, Yongyuth Chalamwong, Mathana Phananimai, and Prapon Pattamakitsakul), Bangkok: Thailand Development Research Institute, Research Monograph No. 7, 1991.
- 18) *The Action of Human Resources and Poverty on One Another: What We Have Yet to Learn*, Washington, D.C.: Population and Human Resources Department, Living Standards Measurement Study Working Paper No. 74, World Bank 1990.
- 19) *Human Resource Led Development?* New Delhi, India: ARTEP/ILO, 1990.
- 20) *Nutrient Intakes and Income: Tightly Wedded or Loosely Meshed?* Ithaca, NY: Cornell University, Pew Memorial Trusts and Cornell Food and Nutrition Policy Program Lecture, 1988.
- 21) *International Trade, Investment, Macro Policies and History: Essays in Memory of Carlos F. Diaz- Alejandro* (ed., with Pranab Bardhan and Albert Fishlow), Amsterdam: North Holland, 1987.
- 22) *Commodity Exports and Economic Development: The Commodity Problem and Policy in Developing Countries* (with F.G. Adams), Lexington, Mass.: Lexington-Heath, 1982.
- 23) *Socioeconomic Success: A Study of the Effects of Genetic Endowments, Family Environment and Schooling* (with Z. Hrubec, P. Taubman, and T.J. Wales), Amsterdam: North-Holland Publishing Company, 1980 (Contributions to Economic Analysis, No. 128).
- 24) *Short-Term Macroeconomic Policy in Latin America*, ed. (with James A. Hanson), Cambridge, Mass.: Ballinger Publishing Company, 1979 (NBER, Other Conference Series No. 14).
- 25) *Econometric Modeling of World Commodity Policy*, ed. (with F.G. Adams), Lexington, Mass.: Lexington-Heath Publishing Company, 1978.
- 26) *Development, the International Economic Order and International Commodity Agreements*, Reading, Mass.: Addison-Wesley, 1978 (Perspectives on Economics Series).
- 27) *Macroeconomic Policy in a Developing Country: The Chilean Experience*, Amsterdam: North-Holland Publishing Company, 1977 (Contributions to Economic Analysis, No. 106).
- 28) *International Commodity Agreements: An Evaluation of the UNCTAD Integrated Commodity Programme*, Washington: Overseas Development Council, 1977.
- 29) *Foreign Trade Regimes and Economic Development: Chile*, New York: Columbia University Press for NBER, 1976 (Special Conference Series on Foreign Trade Regimes and Economic Development, Vol. 8).
- 30) *Econometric Models of World Agricultural Commodity Markets: Coffee, Cocoa, Tea, Wool, Cotton, Sugar, Wheat, Rice* (with F.G. Adams), Cambridge: Ballinger Publishing Company, 1976.
- 31) *Seven Models of International Commodities* (with F.G. Adams), Philadelphia: University of Pennsylvania, Report to United Nations Committee on Trade and Development, 1974.
- 32) *Stockpile Disposal Simulations with an Econometric Model of the World Rubber Market* (with F.G. Adams), Philadelphia: University of Pennsylvania, Report to General Services Administration, 1971.

33) *Forecasting Properties and Prototype Simulations of a Model of the Copper Market*, Philadelphia: University of Pennsylvania, Report to General Services Administration, 1970.

34) *An Econometric Study of the World Rubber Market*, Philadelphia: University of Pennsylvania, Report to I.B.R.D., 1969.

35) *Supply Response in Underdeveloped Agriculture: A Case Study of Four Major Annual Crops in Thailand 1937-1963*, Amsterdam: North-Holland Publishing Co., 1968 (Contributions to Economic Analysis, no. 55).

#### **Published Professional Papers in Journals or Books:**

Complete publications list online in a publicly accessible database: <http://www.pop.upenn.edu/bio/641/publications>

1) "Teacher Quality in Public and Private Schools Under a Voucher System: The Case of Chile" (with Michela Tincani, Petra E. Todd, Kenneth I. Wolpin), *Journal of Labor Economics* (Impact Factor 1.6) 2016; DOI: 10.1086/683642.

2) "Intergenerational Transmission of Poverty and Inequality: Parental Resources and Schooling Attainment and Children's Human Capital in Ethiopia, India, Peru, and Vietnam" (with W. Schott, S. Mani, B.T. Crookston, K.A. Dearden, L.T. Duc, L.C.H. Fernald, A.D. Stein, and The Young Lives Determinants and Consequences of Child Growth Project Team) *Economic Development and Cultural Change* (Impact Factor 0.9) 2016. NIHMSID: NIHMS674254.

3) "The Effects of Community Income Inequality on Health: Evidence from a Randomized Control Trial in the Bolivian Amazon" (with Eduardo A. Undurraga, William R Leonard, Ricardo A Godoy), *Social Science & Medicine* 149 (Impact Factor 2.7) (2016), 66-75.

4) "Early Life Height and Weight Production Functions with Endogenous Calorie and Protein Inputs for Guatemala and the Philippines" (with Esteban Puentes, Fan Wang, Flavio Cunha, Linda Adair, Judith Borja, John Hoddinott, John Maluccio, Reynaldo Martorell, Aryeh D. Stein), *Economics and Human Biology* (Impact Factor 2.9), 2016

5) "Early Childhood Nutrition is Positively Associated with Adolescent Educational Outcomes: Evidence from the Andhra Pradesh Child and Parents Study (APCAPS)" (with Arindam Nandi, Ashvin Ashok, Sanjay Kinra, and Ramanan Laxminarayan), *Journal of Nutrition* (Impact Factor 3.9) 2016; doi: 10.3945/jn.115.223198.

6) "Growth Trajectories from Conception to Middle Childhood and Cognitive Achievement at Age 8 Years: Evidence from Four Low- and Middle-Income Countries" (with Andreas Georgiadis, Liza Benny, Benjamin T Crookston, Le Thuc Duc, Priscila Hermida, Subha Mani, Tassew Woldehanna, Aryeh D Stein, and the Young Lives Determinants and Consequences of Child Growth Project Team), *Social Science & Medicine: Population Health* 2 (2016), 43-54, NIHMSID [766009](https://pubmed.ncbi.nlm.nih.gov/366009/), Publ.ID: SSMPH14

7) "The First 1000 Days and Catch-Up Growth," John Komlos, ed., *Handbook of Economics and Human Biology*, Oxford University Press, 2016.

8) "Twins Studies in Economics," John Komlos, ed., *Handbook of Economics and Human Biology*, Oxford University Press, 2016.

9) "The Human Capital and Productivity Benefits of Early Childhood Nutritional Interventions" (with Sonia Bhalotra, Anil B. Deolalikar, Ramanan Laxminarayan and Arindam Nandi), Chapter 3 in *Disease Control Priorities 3* (DCP3), 2016.

10) "Physical Growth and Child Development" (with Harold Alderman, Lia Fernald, Paul Glewwe, Susan Walker), Chapter 4 in *Disease Control Priorities 3* (DCP3) Volume 8, Part II on "Causal Links between Risk Factors, Interventions, and Outcomes at Different Stages of Child and Adolescent Development," 2016.

11) "Does pre-school improve cognitive abilities among children with early-life stunting? A longitudinal study for Peru" (with Santiago Cueto, Juan León, Alejandra Miranda, Kirk Dearden, Benjamin T. Crookston), *International Journal of Educational Research* 75 (2016), 102–114 (Impact Factor 0.9).

12) "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" (with Susan W. Parker, Petra E. Todd, Kenneth I. Wolpin), *Journal of Political Economy* (Impact Factor 3.6) 123:2 (April 2015), 325-364.

13) "Cross-sectional and longitudinal associations between household food security and child anthropometry at ages 5 and 8 y in Ethiopia, India, Peru, and Vietnam" (with Debbie L. Humphries, Kirk A. Dearden, Benjamin T. Crookston, Lia C. Fernald, Aryeh D.Stein, Tassew Woldehanna, Mary E. Penny, on behalf of The Young Lives Determinants and Consequences of Child Growth Project team), *Journal of Nutrition* 2015, 1924-1933 (Impact Factor 3.9).

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#### **Other Professional Activities:**

- Jury Member for Klaus J. Jacobs Research Prize honouring groundbreaking achievements in child and youth development, 2014-2016.
- Global Human Development Intervention Research Network LAMIC Advisory Committee 2013-  
*Latin American Economic Review* Editorial Board, 2013-
- Jobs Knowledge Platform, Editorial Board 2012-
- World of Labor, Associate Editor 2012-
- PEPFAR Combination Prevention Group (PCPG) Executive Committee 2011-  
Editorial Board, *Journal of the Asia Pacific Economy* 2009-
- Editorial Board, *National University of Sciences and Technology (NUST) Journal of Social Sciences and Humanities*, 2015-
- Committee on Population, National Research Council, National Academies of Science 2012-2018.
- International Outreach Committee (IOC), Population Association of America, 2011-2019 (Chair 2015-).
- Invited Senior Commentator, Jacobs Foundation Conference 2016 on Economizing Education Policy: Tradeoffs, Incentives, and Generalizing from Evidence, Marbach, 27-29 April 2016.
- Expert Roundtable on Achieving Value for Money on Girls' Education Projects, CHARGE: Collaborative Harnessing Ambition and Resources for Girls' Education, Millennium Challenge Corporation (MCC), Brookings Institution,

Clinton Global Initiative, Care, Plan International, Population Council; Millennium Challenge Corporation, Washington, DC 30 July 2015.

National Institutes of Child Health and Development (NICHD) Global Health Consultation Meeting (GHCM) Working Group, 2015.

Reviewer for Scientific Program Committee for the Ninth Annual Population, Reproductive Health and Economic Development Conference, Addis Ababa. 2015

National Institutes of Child Health and Development (NICHD) Panel to Review Contraceptive Research, 2014-2015.

International Advisory Panel for Monitoring and the Evaluation of Policies and Programs, Budget Office, Ministry of Finance, Government of Chile 2008-2011

International Committee, Chilean Center for Advanced Studies in Education, project led by the University of Chile in association with the Catholic University of Valparaíso and the University of Concepción, 2008-

Social Advisory Board (SAB), Spectron Desarrollo, S.C., Mexico City, Mexico 2007-

Editorial Board, *Demography* 2007-

External Advisory Body (EAB) of the USC-Office of Population Studies Foundation, Inc. (OPS), Cebu, Philippines, 2002-

Expert Research Committee for DFID Adolescent Girls Initiative – Action Research Programme’ (AGIARP), 2014-2019.

Commentator, “Economizing Education Policy: Tradeoffs, Incentives, and Generalizing from Evidence,” 26-29 April 2016, Jacobs Foundation, Marbach Castle, Germany.

National Institutes of Health and Child Development Council 2011-2015.

Standing Member of Peer Review Committee for the *Stars in Global Health*, Grand Challenges Canada and the Canadian Institutes of Health Research (CIHR), 2013-2014

Advisory Editorial Board, *International Economics Journal*, 2005-.

Editorial Board, *The Journal of Development Studies*, 2004-2019

Editorial Board, *Economics and Human Biology*, 2003-

Stars in Global Health, Grand Challenges Canada, Review Committee 2012-2013

National Institutes of Health Social Sciences and Population Studies (SSPS) Study Section, 2007-2011.

Scientific Review Board, *Demographic Research* 2002-

Steering Committee and North American Chair, Inter-American Development Bank, Social Policy Monitoring Network, 2002-

Member, Advisory Group of the Center for Global Development, 2003-

Editorial Advisory Board, *Educational Economics*, 1991-

Board of Trustees, American Committee on Asian Economic Studies, 1997-

Executive Editor, *Journal of Asian Economics*, 1996-

Advisory Panel, *Asia-Pacific Journal of Rural Development*, 1991-

Editorial Board, *The Malaysian Journal of Economic Studies*, 1988-.

International Board of Editors, *The Pakistan Development Review*, 1987-.

Honorary Advisor, Institute for High Intelligence Education, Hong Kong, 1995-

Referee, National Science Foundation, 1973 –

Launch of **CHILE Inclusive** (**CHILE: Capital Humano Intervenciones Longitudinal Evaluaciones**) (**CHILE: Human Capital Interventions Longitudinal Evaluations**), Santiago, Chile 10-17 July 2016.

Young Lives Program, Oxford University, Oxford UK, 12-14 June 2016.

EDEPO/IDB conference on "The early years: child well-being and the role of public policy", British Academy (10-11 Carlton House Terrace, London, SW1Y 5AH), 9-10 June 2016.

Participant in “Evidence for Scale: Research Methods to support the Implementation of Quality Education and Early Childhood Development Programs at Large Scale in Global Contexts” Conference, March 1-2, 2016, New York University Abu Dhabi.

External Reviewer for Faculty Promotion, School of Economics, Quaid-i-Azam University, Islamabad, Pakistan, 2016.

Review Panel Member, 3ie Replication Programme, Post-Award Workshop for Replication Window 3, HIV Prevention, 16 November 2015, University of Nebraska Medical Center, Omaha Nebraska

Confidential report reviewer, National Academies of Science, Engineering, and Medicine’s Board on Children, Youth, and Families report on the Use of Economic Evidence to Inform Investments in Children, Youth, and Families, 2015.

Report Coordinator, Committee on Population (CPOP), National Academies of Sciences, Engineering, and Medicine workshop summary on recent trends in fertility in sub-Saharan Africa, 2015.

Participant and Presenter, Ministerial Breakfast and Foro/Taller Intersectorial “Nutrición, Salud, Capital Humano y Sostenibilidad del Desarrollo Económico y Social: Perspectivas y Desafíos para El Salvador”, San Salvador, El Salvador, 7-10 July 2015.

Participant in discussion on economics, evaluation and human resources, Universidad de El Salvador, San Salvador, El Salvador, 9 July 2015.

Reviewer, Ninth Annual PopPop Conference on Population, Reproductive Health, and Economic Development, June 24-26, 2015, Addis Ababa, Ethiopia.

Young Lives Round 5 (R5) Planning Meeting 20-26 June 2015, Oxford University, Oxford UK.

New Cohort Study planning meeting 28 June 2015, Oxford University, Oxford UK.

NICHD-GCC-BMGF project meetings 29 June – 1 July 2015, Oxford University, Oxford UK.

UNICEF Expert Round Table on “Using Longitudinal Data to Support Measurement of the Sustainable Development Goals, Oxford University, Oxford UK, 1 July 2015.

Chair, Panel on “Family and Social Transfer” workshop on Strengthening the Scientific Foundation for Policymaking to Meet the Challenges of Aging in Latin America and the Caribbean, National Academy of Medicine in Mexico City (Academia Nacional de Medicina de México, ANMM), 28-29 May 2015.

Member, National Academy of Sciences-National Research Council Steering Committee for the Workshop on Priorities for Strengthening the Scientific Foundation for Policymaking to Meet the Challenges of Aging in Latin America, 2014-2015.

Economics/Social Science member of the National Institutes of Health (NIH)/National Institute of Child Health and Development (NICHD) National Advisory Council for 2011-15.

Program Committee, “Demographic Perspectives on Inequality”, International Sociological Association, Research Committee 28 (Social Stratification and Mobility), University of Pennsylvania, August 17-19, 2015.

External Examiner, Ph.D. dissertation, Department of Economics, Gomal University, Dera Ismail Khan, Pakistan, 2014.

External Reviewer, Comisión Sectoral de Investigación Científica (CSIC), Universidad de la República Uruguay, 2014.

External Reviewer, 3ie Replication Studies, 2014.

External Advisory Committee, Gender, Agriculture, & Assets Project (GAAP), International Food Policy Research Institute (IFPRI), 2010-2014.

Planning Committee, “Human Development and Behavior”, World Bank, 2012-.

“Formative Childhoods: A Path to Peace?” Ernst Strüngmann Forum, Frankfurt Institute for Advanced Studies, Frankfurt am Main, Germany, 13-18 October 2013.

External Dissertation Examiner, University College London, London, UK, 6 June 2013.

Reviewer, Grand Challenges Canada Stars in Global Health Program, 2013.

Poster Session Judge, Population Association of America Annual Meetings, New Orleans, LA, 11 April 2013.

Discussant at Economic Demography Workshop, session on “Investments in Children in Developing Countries” paper on “More Schooling and More Learning? Effects of a 3-year Conditional Cash Transfer Program in Nicaragua after 10 Years” (by Tania Barham, Karen Macours and John Maluccio), New Orleans, LA, 10 April 2013.

Participant in conference on “Every Child's Potential: Integrating Nutrition, Health, and Psychosocial Interventions to Promote Early Childhood Development,” The Sackler Institute for Nutrition Science at the New York Academy of Sciences, April 3 and 4, 2013.

External Advisory Committee Participant and Discussant, Gender, Agriculture, & Assets Project (GAAP) Technical Workshop, International Livestock Research Institute (ILRI), Addis Ababa, Ethiopia, 9-12 January 2013.

International Editorial Board, *Asian Development Review* 2002-2012

Outside Reviewer, Ph.D. thesis by Rummana Shah entitled “Economics of Education in Pakistan: A Multiperspective Analysis,” Quaid-i-Azam University. Islamabad – Pakistan, 2011.

Discussant, Conference on “Impact of Financial Crises on the Human Capital Accumulation Process of Young People and how to Best Protect Such Investments” organized by the World Bank Human Development Network and the Jacobs Foundation, Marbach, Switzerland, May 5-6, 2011.

Invited Expert Panel Member, International Development Association (IDA), World Bank, optimal use of impact evaluation, 27-28 April 2011.

Invited International Expert Participant in “Foro Técnico Sobre la Atención Integral de la Primaria Infancia”, Presidential Program “de Cero a Siempre”, Presidential Palace-Universidad de Los Andes, Bogota, Colombia, 21 February 2011.

Discussant, Conference on “Education Policy in Developing Countries: What Do We Know, and What Should We Do to Understand What We Don't Know?” Minneapolis, MN: University of Minnesota, 4-5 February 2011.

Referee, Medical Research Council, United Kingdom, 2010.

Referee, European Research Council, 'ERC Advanced Grant 3rd Call - 2010'.

External Examiner, Ph.D. Thesis by R. Kalirajan entitled “Demand for quality Higher Education and Efficiency Inequality among Students in Salem District,” Department of Economics, Periyar University, Salem-636011, Tamil Nadu, India, 21 October 2010.

Discussant of paper by Gabriella Conti, Jim Heckman, Junjian Yi and Junsen Zhang titled "Early Health Shocks, Parental Responses and Child Outcomes", NBER Chinese Economy Working Group Meeting, Cambridge, MA, October 1-2, 2010

External Examiner Ph.D. in Economics, Man Kit Wong, Chinese University of Hong Kong, 20 July 2010.

National Institutes of Child Health and Development Center R24 Grant Special Study Section, Bethesda, MD, 24 March 2010.

*Journal of Development Effectiveness*, overall reviewer for 2010 special issue on: "CCTs: uncovering the black box."

Member, National Academy of Science, Committee on the Science of Research on Families: A Workshop, 2010.

The Global Child Development Group Meeting, Breezes Resorts and Spa, Rio Bueno, Jamaica December 8 - 11, 2009.

Planning Meeting on "The Effects of Early-Life Experiences on Later Life Outcomes," National Academy of Sciences, Committee on Population and Board on Children, Youth and Families, Washington, DC, 26 October 2009.

Impact Assessment Advisor, International Food Policy Research Institute (IFPRI), 2007-10

Discussant, "The Contours of Korean Education: Educational Challenges of Recent Economic and Demographic Changes," Center for Korean Studies, University of Pennsylvania, 3 August 2009.

Distinguished Editorial Panel on Behavioral and Social Sciences, National Institutes of Health, 21-22 July 2009.

Chair, Session on "Social Programs and Economic Well-Being in Developing Countries," Population Association of America Annual Meetings, Detroit, MI, 30 April 2009.

Population Association of America Nominating Committee (Elected) 2008-9

Steering Committee, United Nations Development Program, Human Development Report for Latin America and the Caribbean, 2008-9

Expert Roundtable on "Economic Incentives to Improve Linguistic Proficiency in Non-Native Languages, United Nations Development Program (UNDP)- Organization of Economic Cooperation and Development (OECD), UNDP New York, 27 February 2009.

External Reviewer, Ph.D. in Economics, Chinese University of Hong Kong, 2009.

Discussant, Session on "Marriage and Divorce," American Economic Association program at the ASSA meetings, San Francisco, 5 January 2009.

Chair, Session on "Nutritional and Behavioral Problems in Children and Adolescents," Econometric Society program at the ASSA meetings, San Francisco, 4 January 2009.

Discussant, Third Conditional Cash Transfer Seminar organized by FAO, CEPAL and UNDP FAO Regional Office, Santiago, Chile, 1 December 2008.

External Reviewer, Study for Human Development Report of UNDP, July 2008.

Social Policy Report Card Advisory Committee, Inter-American Dialogue, February 11th 2008.

External Reviewer, Quaid-I-Azam University, Islamabad, Pakistan, 2008

Society of Labor Economics (SOLE) program selection referee, 2007.

Invited Guest Co-Editor (with David Bravo) for special December 2007 (Volume 34, Issue 2) issue of *Estudios de Economía* to commemorate 50 years of Universidad de Chile Employment and Unemployment Survey.

Invited Expert Panel Member, Latin American Copenhagen Consensus, San Jose, Costa Rica, 22-24 October 2007.

Discussant, Commission on Growth and Development Workshop on Education, Washington, DC: World Bank, 19 October 2007.

Editorial Board, *Economics of Education Review*, 1999-2006

Member SEDESOL (Mexican Ministry of Welfare) Scientific Advisory Committee, 2002-6

Associate Editor, *International Economics Review*, 2004-6

Member, Research Program Committee, The International Centre for the Study of East Asian Development (ICSEAD), Kitakyushu, Japan 1998-2008.

Steering Committee, Robert Wood Johnson Foundation Health and Society Scholars Program, University of Pennsylvania, 2001-

External Assessor, Hong Kong Research Grants Council, 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008.

NICHD SPSS Special Emphasis Panel, 21 March 2007.

NIA Conference On Aging And Aids In Africa, University of Colorado at Boulder, Institute of Behavioral Science, 11-12 January 2007.

Board of Directors (elected) and Finance Committee, Population Association of America, 2004-6.

Technical Advisory Committee for Evaluation of *Oportunidades* (Mexican Human Resource and Anti-Poverty Program), 2002-2006

Member, Comité Académico Internacional del Centro de Microdatos del Departamento de la Universidad de Chile, Santiago, Chile, 2003-

Head, Board of Governors, *International Economic Review*, 1998-2004; member 2004-  
Advisory Board, InterAmerican Development Bank-World Bank-CEPAL program on "Improvement of Surveys and the Measurement of Living Conditions in Latin America and the Caribbean" (ISLC), 1997-  
Reviewer, Joint UK Department for International Development (DFID)-Economic and Social Research Council (ESRC) Scheme for Research on International Poverty Reductions, 2007.  
Center Commissioned External Review (CCER) Committee for Global Theme on Markets, Policy and Impacts (GT-MPI), and its Knowledge Management and Sharing (KMS), International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Hyderabad, India and Nairobi, Kenya, 9-20 November, 2006.  
Institutional Review Board (IRB), International Food Policy Research Institute (IFPRI), 2006-  
Participant and Discussant, "Effects of Birthweight: Biological and Behavioral Pathways," Johns Hopkins Population Center, 15 June 2006.  
Discussant, Fourth PIER-IGIER Conference on New Research on Human Capital Investment in Developing Countries, May 19-20, 2006, Bocconi University, Milan, Italy.  
Discussant, Colombia, Bogota, Seminario "Hacia un consenso para la prosperidad de Colombia," 35<sup>th</sup> Anniversary of FEDESARROLLO, 27 April 2006.  
Center for Scientific Review Special Emphasis Panel for the Population Research Infrastructure Program, National Institutes of Health, 11-12 April 2006.  
Center for Scientific Review Special Emphasis Panel, National Institutes of Health, 21 March 2006.  
United Nations Secretary-General's Second Annual Colloquium of University Presidents at Princeton University 14-15 February 2006, expert discussion of "Innovative Sources of Funding for Global Public Goods."  
External Reviewer, Austrian Science Fund, Humanities and Social Sciences 2006.  
World Food Programme's *LAC Knowledge Sharing Steering Committee to Support Hunger Eradication* 2005-6 (meeting 8-11 January 2006, Santiago, Chile)..  
Reviewer for Joint Department for International Development (DFID) and Economic and Social Research Council (ESRC) Scheme for Research on International Poverty Reduction, January 2006.  
Reviewer for Global Development Network (GDN), January 2006.  
International Union for the Scientific Study of Population (IUSSP) Seminar on "Interactions Between Poverty and HIV/AIDS" 12-13 December 2005, Cape Town, South Africa; Training program on 14 December 2005.  
Visiting Scholar, El Instituto Nacional de Salud Pública (INSP), Cuernavaca, Mexico 2-20 November 2005. Reunion Del Grupo Evaluador De Oportunidades, Instituto Nacional De Salud Pública-Sede Tlalpan, México D.F., 10-11 November 2005.  
Information Meeting for The External Evaluation Of IMSS Programs, Mexico City, IMSS (Mexican Institute of Social Security), November 9, 2005  
Keynote speaker, Symposium "Capital Humano, Crecimiento, Pobreza: Problemática Mexicana" Department of Economics, Monterrey, NL Mexico 13-14 October 2005.  
Pre-Conference Workshop on Evaluation of ECD Programs in LAC, Inter-American Development Bank, 27 September 2005.  
"Forming Families," International Policy Workshop on "Development for (and by) the Next Generation" in preparation of the *World Development Report 2007*, 11 - 13 September 2005, Berlin, Convened by the Development Policy Forum of InWent, Capacity Building International, Germany, in cooperation with the Federal Ministry for Economic Cooperation and Development (BMZ) and the World Bank  
World Food Programme's *LAC Knowledge Sharing Steering Committee to Support Hunger Eradication* meeting, Tufts University, Medford, MA 9-10 August, 2005.  
Workshop on Changes, Livelihoods and Policy Through Village Level Studies (VLS), Brown University, 23-24 July 2005.  
World Bank *World Development Report 2007* Workshop, July 26-28 2005, Annapolis Marriott Waterfront Hotel.  
Workshop on Human Capital Project, Emory University, Department of Global Health, 18-19 July 2005.  
Videoconference (Argentina-Chile-Mexico-Peru-US) on data quality in Latin American, World Bank-Interamerican Development Bank-Latin American Family Network-Network on Inequality and Poverty, May 4, 2005.  
External evaluation reviewer of IFPRI-BASIS project "The Long-Run Effects of Access to Financial Services on Asset Accumulation, Economic Mobility, and the Evolution of Well-Being: Revisiting Agricultural Commercialization in Bukidnon, 1984-2003," May 2005.  
NICHD Special Emphasis Panel. RFA HD-04-022 Demographic and Behavioral Sciences Branch (DBSB) "Population Research Infrastructure Program," 19-20 April 2005, Bethesda, MD.  
Reviewer of the Self-Evaluation of the Masters Program in Economics at the University of Chile for the Comision Nacional de Acreditacion de Postgrados (CONAP) of the Ministry of Education, March 2005.

Discussant, Session II on "From Theory to Practice," Wharton School of the University of Pennsylvania-International Finance Corporation/World Bank conference on "Private Health Insurance in Developing Countries," 15-16 March 2005.

Population Association of American *Ad Hoc* Committee on electronic publications and subscriptions fees for *Demography*, 2004-5.

Discussant, "Bargaining in Families," American Economic Association/ASSA Annual Meetings, Philadelphia, PA, 8 January 2005

Guest Editor (with Reynaldo Martorell, Ruben Grajeada, John Hoddinott), *Food and Nutrition Bulletin Supplement* on "The Human Capital 2002-04 Study in Guatemala A Follow-up of the INCAP Longitudinal Study 1969-77," 2005.

Latin American Family Network (Red Latinoamericana de Familia) Working Meeting, Campinas, Brazil, December 2-4, 2004

Guest Editor (with Emmanuel Skoufias), Symposium of *Economics and Human Biology* on "Correlates and Determinants of Child Anthropometrics in Latin America: Background," 2004.

Expert Assessment Committee of Faculty of Social Sciences, Aalborg University, for Ph.D. thesis submitted by Bj rg Colding entitled "Education and Ethnic Minorities in Denmark," October 21, 2004, Aalborg, Denmark

Discussant, World Knowledge Forum, Korea Development Institute School and Maeil Newspaper International Policy Forum with Maeil Newspaper, Seoull Korea, 12-14 October 2004.

NIH/NICHD Special Emphasis Review Panel member, August 25, 2004.

MacArthur Foundation Meeting on Population-Poverty-Economic Growth Linkages, 28-9 July 2004, New York.

Reviewer, MacArthur Foundation Research Applications on Technological Change and Global Security and Sustainability, 2003, 2004

Outside Examiner, Ph.D. Dissertation by Syed Nisar hussain Hamdani entitled "Religious Orientation as a Factor in Time Allocation: Evidence from Cross Sectional Pakistani Data," Quaid-i-Azam University, Islamabad, Pakistan, 2004.

Referee, post-doctoral field research in Risk and Development, Program on Applied Economics, Social Science Research Council, 2004.

Session Chair and Discussant, "Economic Reforms, Human Development and Governance in India: Changes in Institutional Structures and Incentives since 1991" June 13-15, 2004, The Center for the Advanced Study of India, University of Pennsylvania.

External Dissertation Examiner, University College London, London, UK, March 23, 2004.

Member, NIH Study Section ZRG1 HOP, Bethesda, MD, March 5, 2004.

Member, Panel on "Evaluación del Desempeño del Sistema de Pensiones en Chile," 2003-4.

Co-Editor (with Susan Watkins, Eliya Zulu and Hans-Peter Kohter), "Social Interactions and HIV/AIDS in Rural Africa" Special Collection of Articles, *Demographic Research*, September 2003.

National Academy of Sciences-National Research Council Ad Hoc Committee on "Transitions to Adulthood in Developing Countries," 2001-3.

Participant and Speaker, Millennium Challenge Account Evaluation Design Working Session, Washington, DC: USAID, September 10, 2003

National Academy of Sciences-National Research Council Reviewer of *Monitoring International Labor Standards: Toward Better Techniques and More Reliable Sources of Information*, 2003.

Advisory Committee, International Food Policy Research Institute, SPIA Phase 2 Study of the Impact of Agricultural Research on Poverty, 2001-3

Latin American Family Network (Red Latinoamericana de Familia) Working Meeting, Montevideo, Uruguay, December 14-16, 2003.

Advisory Committee, Committee on Global Development Index on Developed Country Policies towards Development, Washington, DC, December 12, 2003.

Participant, Fogarty International Center of the National Institutes of Health, Public Meeting on strategic planning, Bethesda, MD, NIH, December 12, 2003.

Peer Reviewer, Social Sciences and Population Studies Study Section (aka Social Sciences, Nursing, Epidemiology and Methods 3, SNEM-3), National Institutes of Health, 26-7 June 2003.

Reviewer, John D. and Catherine T. MacArthur Foundation Research and Writing Competition Round 26, June 2003.

Discussant, NIH/Fogarty Meeting, San Francisco, CA: 15 June 2003.

Participant, Michigan Retirement Research Center (MRRRC) Conference, Washington, DC, 15-16 May 2003.

Discussant, Population Association of America Session on "The Impact of Crises and Long-Term Malnutrition on Child Health," Minneapolis, MN, 1 May 2003

Member, National Academy of Sciences-National Research Council Ad Hoc Meeting on Twins Studies, 7-8 January 2003.



First Meeting of the Inter-American Development Bank Social Policy Monitoring Network on "Conditional Cash Transfers Programs," Institute for Fiscal Studies, London, UK, 20-21 November 2002.

Co-Organizer (with Hans-Peter Kohler and Susan Cotts Watkins), conference on "Research on Demographic Aspects of Hiv/aids in Rural Malawi," Philadelphia, PA: Population Studies Center, University of Pennsylvania.

Discussant, Session on Fertility, New England Universities Development Conference (NEUDC), Williamstown, MA: Williams College, October 26, 2002.

Reviewer, ICRIER (New Dehli, India), 2002.

Reviewer, Israel Science Foundation, 2002.

Organizing Committee for Annual Workshops on Poverty, Instituto Tecnológico Autónomo de México (ITAM), Mexico, 2002-

Chair and Discussant, Panel on "'Health Policy, Economic Policy," Population Association of America Annual Meetings, Atlanta, May 10, 2002.

Chair, Panel on "Economic Analysis of HIV/AIDS," Population Association of America Annual Meetings, Atlanta, May 9, 2002.

NICHD Special Emphasis Panel RFA HD-01-010, 12-13 March 2002, Bethesda, MD.

Reviewer, The Spencer Foundation, 2002.

Discussant, American Economic Association Session on "Nature and Nurture," 4 January 2002, ASSA Annual Meetings, Atlanta, GA.

Discussant, Committee on the Status of Women in the Economics Profession Session on "'Determinants of Child Outcomes," 6 January 2002, ASSA Annual Meetings, Atlanta, GA.

Economía Panel Member (journal of the Latin American and Caribbean Economic Association, LACEA), 2001 (initial meeting 27 April 2001, Harvard University, Cambridge, MA; final meeting, Montevideo Uruguay, 18-20 October 2001).

Workshop Co-Coordinator, Inter-American Development Bank Network on Social Exclusion, CIDE Mexico City, 16-7 July 2001.

Inaugural Workshop, National Institutes of Health/Fogarty project on "Early Nutrition, Human Capital and Economic Productivity," INCAP, Guatemala City, Guatemala, 11-13 July 2001.

Population Association of American Annual Meeting Organizing Committee 2001.

Population Association of American Annual Meeting, Poster Section Judge, Washington, DC 2001.

Population Association of American Annual Meeting, Organizer and Chair of Session on "Work and School: Tradeoffs and Transitions," Washington, DC 2001.

Planning Meeting on Transitions from Childhood to Adulthood in Developing Countries, Committee on Population,, National Academy of Science , National Research Council, Washington D.C., January 26, 2001.

Co-Coordinator, Inter-American Development Bank Latin American and Caribbean Research Network on "Social Exclusion: Who is In, Who is Out and Why Does it Matter?" 2000-2001 (Initial Seminar 10-11 October 2000, Rio de Janeiro; Final Seminar 12-13 July 2001, Mexico City)

Reviewer, Smith-Richardson Foundation, 2000.

Peer Reviewer, Social Sciences, Nursing, Epidemiology and Methods 3 (SNEM-3) Study Section, National Institutes of Health, 26-7 October, 2000.

Peer Reviewer, United States Department of Agriculture, Food Assistance and Nutrition Research Program, 2000.

Peer Reviewer, National Institutes of Health Special Section, 2000.

Reviewer for Social Science Research Council Program in Applied Economics Fellowship Program, 1999, 2000.

Participant, "Technical Consultation on Low Birthweight," Jointly organized by the United States Department of Agriculture (USDA), the Human Development Network of the World Bank, and UNICEF, March 30-31, 2000, UNICEF, New York.

Participant, International Food Policy Research Institute (IFPRI)/MOST (The USAID Micronutrient Project) Roundtable on Micronutrients, International Science and Technology Institute, Arlington, VA, 14 March 2000.

Discussant on analysis of health, American Economic Association Annual Meetings, Boston, MA, January 2000.

*Panel of Distinguished Advisers* for the thematic chapter, under the 11<sup>th</sup> Workshop on Asian Economic Outlook, Asian Development Bank. 1999.

Discussant and session chair at World Bank conference on Policy Research Report on Gender and Development, Oslo, Norway, 23-25 June 1999.

Discussant on country studies for Bangladesh, Indonesia and the Philippines at Asian Development Conference on "The Role of Education Decentralization in Promoting Effective Schooling in Selected Asian Countries," Manila: Asian Development Bank, 13-14 June 1999.

Discussant at Session on Intra-Household Allocations, Population Association of America Annual Meetings, New York, New York, March 26, 1999.

Discussant at Inter-American Development Bank-Inter-American Dialogue conferences on "Facing up to Inequality in Latin America," Inter-American Development Bank, Washington D.C., January 29, 1999.

Fellowship Applicant Reviewer, Woodrow Wilson International Center for Scholars, 1990, 1992, 1996, 1997, 1998.

Discussant at Woodrow Wilson Center-Tinker Foundation-University of Wisconsin/Milwaukee Conference on "Distributional Mobility in Latin America: Evidence and Implications for Public Policy," 15 October 1998.

Discussant on "Economics of Nutrition and Health" at USDA Economic Research Service-National Cancer Institute- The Farm Foundation-Cornell University/Division of Nutritional Sciences Conference on "Towards Convergence on the Dietary Guidelines: Research and Policy Needs," Washington, DC, 13-14 October 1998.

Outside Examiner, Ph.D., Indian Statistical Institute, Calcutta, 1998.

Special Reviewer, Biological and Physiological Sciences Special Emphasis Panel, Center for Scientific Review, National Institutes of Health, 13 August 1998.

Special Reviewer, Behavioral Medicine Study Section, Division of Research Grants, National Institutes of Health, 29 April 1998.

Discussant, "Employment in Latin America: What is the Problem and How to Address It?," Washington, DC: Inter-American Dialogue-InterAmerican Development Bank Conference, 14 May 1998.

Reviewer, The Micronutrient Initiative, International Development Research Centre, Ottawa, CA, 1996, 1998.

Referee, The Wellcome Trust, Population Studies, 1998.

Discussant, Allied Social Science Annual Meeting Session on Intergenerational Relations (AEA), Chicago, 4 January 1998.

Chair, Allied Social Science Annual Meeting Session on "Issues in the Economics of Postsecondary Education," Chicago, 4 January 1998.

External Review Committee on the Program in Economic Policy Management (PEPM) at Columbia University, 1997.

Discussant, Allied Social Science Annual Meeting, New Orleans, 4-6 January 1997.

Program Associate, Overseas Development Council, 1994-6.

Ph.D. Thesis Examiner, Department of Humanities and Social Science, University of Roorkee, Roorkee, India, 1996.

NIH "Workshop on Population and Environment," 28-29 October 1996, NIH Campus, Bethesda, MD.

International Food Policy Research Institute, External Review Committee, 1996.

Member, Board of Examiners, Ph. D. degree, Sri Venkateswara University, Tirupati, Andhra Pradesh, India, 1996.

Referee, Social Sciences and Humanities Research Council of Canada, 1996.

Co-Editor, *Journal of Development Economics*, 1985-1995.

Member, Joint Committee on Latin American Studies, Social Science Research Council, 1992-1995.

Board of Senior Scholars, National Educational Research and Development Center on the Educational Quality of the Workforce, Institute for Research on Higher Education, University of Pennsylvania, 1991-5.

Editorial Board, *Journal of Development Economics*, 1976-1995.

National Academy of Science, Panelist on "Improving Urban Labor Markets" for Position Paper on Megacities for United Nations' Conference on Human Settlements (Habitat II) June 1996, Istanbul, 1995-6.

Academic Referee, Hong Kong Research Grants Council, 1995.

Participant in SSRC-Princeton Conference on "Neoliberal Experiments: Winners and Losers," Princeton University, 8-9 December 1995.

Outside Expert Examiner on Ph.D. Thesis, The University of New England, Armidale, Australia, 1995.

Outside Expert Examiner on Ph.D. Thesis, Mysore University, Mysore, Karnataka, India, 1995.

Co-organizer (with Nevzer Stacey) of conference sponsored by Office of Research, U.S. Department of Education on "Social Benefits of Education," 4-5 January 1995, Washington, D.C.

International Expert, United Nations Industrial Development Organization, on Social Summit, 1994-5.

Screening Panel, International Predissertation Fellows, Social Science Research Council, 1991, 1993, 1994, 1995.

Chair, External Review Committee, Program on Economic Policy Management (PEPM), Columbia University, 1994.

Pd.D. thesis examiner, University of Roorkee, Roorkee, India, 1993.

Discussant, Overseas Development Council Project on Population and Development, 1993.

Outside Reviewer, Connaught Committee, University of Toronto, 1993.

Review Panel, Overseas Development Council Project on "Population and Development," 1993.

Discussant, "Labor Force Participation, Schooling and Health," Population Association of America Annual Meetings, Cincinnati, 2 April 1993.

Co-coordinator (with T.N. Srinivasan and M. Quibria), First Annual Asian Development Bank Conference on Economic Development, Manila, 12-15 October 1992.

Discussant at Brookings Institution conference on "Poverty and Inequality in Latin America," 16-17 July 1992, Washington.

Discussant at World Bank Conference on Targeting of Public Expenditures, 17-19 June 1992, Washington.

Chair, Session on "Third World Health Issues," Northeast Universities Development Consortium Conference, Cambridge, MA: HIID, 4-5 October 1991.

Discussant and Panel Chair, Econometric Society North American Summer Meeting, Philadelphia: University of Pennsylvania, 28-30 June 1991.

Expert Meeting on the Economic Consequences of Health Care Programs in Developing Countries, National Academy of Sciences, Washington, D.C., 25-26 June 1990.

NIH Social Sciences and Population Study Section, June 1990.

Economics External Review Committee, University of Southern California, 25-27 April 1990.

External Examiner in Applied Economics, University of Malaya, 1987-1990.

Editorial Committee, *Abstracts of Working Papers in Economics*, 1986-.

International Food Policy Research Institute Workshop on Nutrition/Agricultural Linkages, Washington, D.C., 30 November 1989

External Ph.D. examiner, McMaster University, 1989.

External Ph.D. examiner, LaTrobe University, 1989.

Guest Participant at First World Bank Conference on Economic Development, 27-28 April 1989.

Editorial Board, *International Organization*, 1986-1988.

Editorial Board, *Journal of Applied Econometrics*, 1985-1988.

Discussant, Yale University Economic Growth Center 25th Anniversary Symposium on "The State of Development Economics: Progress and Perspectives," 11-13 April 1986, New Haven, Conn.

Editorial Board, *International Journal of Developing Planning Literature*, 1985-.

Editorial Committee, IFPRI-FAO-AID conference volume on Seasonal Causes of Household Food Insecurity, Policy Implications, and Research Needs, 1985-6.

Discussant, United Nations University Conference on "New Directions in Development Theory," 17-19 January 1985, M.I.T. Center for International Studies, Boston.

Discussant on Issues in Agricultural Economics, American Economic Association Annual Meetings, Dallas, 28 December 1984.

Economics Committee for the Council of International Exchange of Scholars (CIES) - Fulbright Program, 1984-7.

Editorial Board, *Demography*, 1984-7.

Member, UNCTAD Expert Group on Compensatory Financing, 1984.

Member, Working Group on Methods of Measuring Intrahousehold Allocation of Resources, Tufts University School of Nutrition, 23-26 October 1984.

PAA Annual Meetings, Organizing Committee, and organizer of session on intrafamilial allocations, Minneapolis, 3-5 May 1984.

Co-Organizer, Conference on "The Economics of the Family," Philadelphia, University of Pennsylvania, 12-14 April 1984.

Member of Expert Steering Committee, UNCTAD South-South Trade Project, 1983-1984.

NICHD Review Team, RAND Corporation, 6-8 July 1983.

Discussant on the current role of the service economy, ARA/Wharton Conference on the Future of the Service Economy, University of Pennsylvania, Philadelphia, November 1982.

Rockefeller Foundation Referee, 1982.

Book Review Editor, *Journal of Development Economics*, 1982-5.

External Examiner, The Australian National University, 1982.

Discussant, session on capacity utilization, Eastern Economic Association Meetings, Philadelphia, April 12, 1981.

Discussant, world copper market and Chilean policies and development, INTAL seminar on "Políticas comerciales optimas," Buenos Aires, 22-24 June 1981.

Econometric Society Fellows Nominating Committee, 1981.

External Examiner, University of the West Indies, 1981, 1982.

External Examiner, Birkbeck College, University of London, 1980.

Referee, Latin American Program, The Woodrow Wilson Center, 1980.

Council on Foreign Relations, Discussant on United States Foreign Policy, September 10, 1980, New York.

Discussant, Population Association of America, Session on Population and Development, Washington, March 26, 1980.

Discussant, Population Association of America, Session on Time Use in Developing Countries, Washington, March 28, 1980.

Chairperson, session on economics and fertility, Population Association of America, April 25, 1979.

Expert participant, OECD Development Center Meeting on Processing National Resources in Developing Countries, Paris, February 14-15, 1979.

Referee, Social Science Federation of Canada, 1979.

Participant in Overseas Development Council "brainstorming" session on positive sum gains for international interaction between developing and developed nations, Princeton, E.T.S. Center, September 22-24, 1978.

Organizer, American Economic Association session on International Commodity Markets, Chicago, August 29, 1978.

Referee, Ford Foundation Competition on International Economic Order, 1977-1979.

Discussant, MSSB conference on "The Family and the Subsequent Development of the Child," Stanford University, March 24-26, 1977.

Discussant, Symposium on Nicaraguan macroeconomic model, Managua, March 30, 1976.

Chairperson, Annual Meeting of Chairpersons of Economics Departments, Dallas ASSA Meetings, 1975.

Organizer (with James Hanson) of NBER-ILPES Ministry of Planning of Panama Conference on "Short- Term Policy in Latin America," in Panama, October 30-November 2, 1975.

Discussant, Session on Comparisons of Economic Structure, American Economic Association Annual Meetings, Dallas, 1975.

Chairperson of Econometric Society Session on Economic Development, December Meetings, San Francisco, 1974.

Outside Reader, Delhi University, 1974, 1976, 1980.

Discussant on paper presented by Robert Evenson on "The Green Revolution and Development Experience," at the December Meetings of the American Agricultural Economic Society, New York, 1973.

National Endowment of the Humanities, 1978.

Discussant on papers on "Structural Characteristics and Theoretical Interpretations of Village-Level Product and Input Markets," Conference on "Adapting Cooperatives and Quasi-Cooperatives to the Market Structures and Conditions of Underdeveloped Areas," Agricultural Development Council, University of Kentucky, Lexington, April 26-30, 1967.

#### **Ph.D. Dissertation Supervisor:**

1. Suk Bum Yoon, Ph.D. 1971, "A Macroeconometric Analysis of the Impacts of Foreign Capital Investment in an Underdeveloped Economy: The Case of Korea" (Economics)
2. Mitchell Harris Kellman, Ph.D. 1972, "World Population Growth and Food Production -- A Malthusian Inquiry" (Economics)
3. Ricardo Lira, Ph.D. 1974, "The Impact of an Export Commodity in a Developing Economy: The Case of the Chilean Copper 1956-1968" (Economics)
4. Derek James Ford, Ph.D. 1976, "Coffee Supply, Trade, and Demand: An Econometric Analysis of the World Market, 1930-1969" (Economics)
5. Mohammed Ali Ghetmiri, Ph.D. 1977, "Higher Oil Prices and the Optimal Development of the Iranian Economy" (Economics)
6. Zeti Akhtar Aziz, Ph.D. 1978, "Commercial Bank Portfolio Behavior in an Open Developing Economy: The Malaysian Case" (Economics)
7. Pranee Tinakorn, Ph.D. 1978, "An Empirical Evaluation of the UNCTAD Integrated Commodity Program" (Economics)
8. Chukwuma F. Obidegwu, Ph.D. 1980, "The Impact of Copper Price Movements and Variability on the Zambian Economy: A Dynamic Analysis" (Economics)
9. Oscar Adolfo Rufatt, Ph.D. 1980, "Mexico: Economic Policy Analysis, 1978-83 A Macroeconomic Model of Mexico and Control Theory Applications" (Economics)
10. James Douglas Gordon, Ph.D. 1982, "A Study of International Soybean Production, Trade and Shortage, and the Prospects for Price Stabilization" (Economics)
11. Lee-Ying Soon, Ph.D. 1984, "Some Aspects of Household and Labor Market in a Developing Country with Emphasis on Self-Employment" (Economics)
12. Stephen Vosti, Ph.D. 1984, "Simultaneous Equations for Nutrition, Health and Wages for India" (Economics)
13. Joseph Lim, Ph.D. 1985, "Testing Monetarist and Structuralist Theories of Inflation in the Philippines" (Economics)
14. Laurie May, Ph.D. 1985, "The Returns to Schooling and the Demand for Education in Brazil" (Economics)
15. Eduardo Gonzalez, Public Policy and Management, Ph.D. 1990, "Health, Education and Family Planning in the Philippines: Governmental Initiatives and Household Choice" (Economics)
16. Juan Rafael Vargas, Ph.D. 1988, "A Macroeconometric Model for Panama" (Economics)
17. Vijayendra Rao, Ph.D. 1990, "Birth, Marriage and Death: Three Essays in Demographic Economics" (Economics)
18. Lori Bollinger, Ph.D. 1991, "Diffusion, Fertility and Labor Force Participation" (Economics)
19. Mohamud Quidar, Ph.D. 1991, City and Regional Planning, "An Econometric Study of the Impact of Pakistan's Industrial, Urban and Regional, and International Trade Policies on Multinational Enterprise Strategic Planning and Investment Determinants" (Economics)

20. Alberto Pasco-Font, Ph.D. 1993, "Macro and Micro Implications of a Commodity Buffer Fund: The Case of Peru" (Economics)
21. Osvaldo Larañaga, Ph.D. 1994, "Adjustment, Fiscal Policy and Income Distribution" (Economics)
22. Kyu-Hwang Lee, Ph.D., 1994, "Empirical Analysis of Selected Topics in the Korean Construction and Land Markets" (Economics)
23. Russell Lamb, Ph.D. 1994, "Off-Farm Labor Markets and Modern Inputs in Developing Country Agriculture" (Economics)
24. Leah Gutierrez, Ph.D. 1998, "Children's Health Shocks and Households' Time Allocations" (Economics)
25. Alejandro Grisanti, Ph.D. 2000, "External Shocks, Fiscal Stabilization and Political Constraint" (Economics)
26. Fannie Tseng, Ph.D. 2000, "Exploring the Causes of Intergenerational Welfare Reciprocity" (Economics)
27. Helmut H. Franken, Ph.D. 2002, "Three Essays on the Chilean Banking and Financial System" (Economics)
28. Dorabawila, Vajeera, 2002, "Cohorts in Child Work, Education and Adult Employment Returns, Peru from 1985 to 1997" (Demography)
29. Shengchao Yu, 2004, "Childhood Immunization in India: Roles of Family Structure, Women's Autonomy, and Village Health Environment" (Demography)
30. Erica Soler-Hampejsek 2008, "Three Essays on the Determinants of Family Formation and the Importance of Education in Guatemala" (Demography)
31. Manhong Feng, 2009, "Unveiling Housing Price Inflation" (Economics)
32. Maria Cecilia Calderon, 2009, "Gender Inequalities, Human Capital and Development in Guatemala" (Demography)
33. Brian Chin 2011, "Essays on poverty, health, and mortality in rural Malawi" (Demography).
34. Jadhav, Apoorva, 2014, "Linkages among Fertility, Migration, and Aging in India: Changing marriage patterns and timing of first birth; internal migration, remittances, and contraceptive use; and feminization of aging" (Demography)
35. Marshall, Daniela (Demography), 2015, "Family Determinants of Early Childhood Well-Being: Three Studies on Chile"
36. Wang, Fan (Economics), 2015, "The Impact of Financial Deepening on Village Economies with Informal Credit Markets"

**Ph.D. Dissertation Committee:**

1. Thomas Merrick, Ph. D. 1967, "Population Redistribution and Economic Growth, an International Comparison" (Economics)
2. James L. McCabe, Ph.D. 1969, "Two Non-Linear Planning Models of Turkey" (Economics)
3. Muhammad Nurul Islam Bhuiyan, Ph.D. 1971, "An Econometric Model of Financial Behavior in Pakistan" (Economics)
4. Vishwanath Pandit, Ph.D. 1971, "Sources of Inflation in Developing Economies, A Case Study of Colombia, India, Korea and Taiwan" (Economics)
5. Virabongsa Ramangkula, Ph.D. 1972, "A Policy Simulation Model for the Development of the Economy of Thailand" (Economics)
6. Peter Gottschalk, Ph.D. 1972, "An Empirical Comparison of Marginal Productivity and Income by Occupation" (Economics)
7. Alassane D. Ouattara, Ph.D. 1972, "Trade Effects of the Association of African Countries with the Common Market" (Economics)
8. Fernando E. Naranjo, Ph.D. 1973, "A Macroeconometric Model of Fiscal Policy for Costa Rica" (Economics)
9. Barbara Goody Katz, Ph.D. 1973, "A Quantitative Evaluation of the Economic Impact of the Great Purges on the Soviet Union" (Economics)
10. Abel Beltran-del-Rio, Ph.D. 1973, "A Macroeconometric Forecasting Model for Mexico: Specification and Simulations" (Economics)
11. Mercedes Pedrero-Nieto, Ph.D. 1973, "Labor Force in Mexico A Study of Regional Variations, 1950- 1960" (Economics)
12. Barbara L. Wolfe, Ph.D. 1973, "A Socio-Economic Analysis of Family Building Behavior" (Economics)
13. Hunt Howell, Ph.D. 1974, "Machinery-Labor Substitution in an Irrigated Agricultural Area of Central Mexico" (Economics)
14. John F. Wilson, Ph.D. 1974, "Yet Another Econometric Model of U.S. Imports, 1958-1971, Disaggregated by End-Use Commodity Groups and Region of Origin" (Economics)

15. Yen-Kyun Wang, Ph.D. 1975, "A Macroeconometric Analysis of the Balance of Payments of Korea and Policy Implications" (Economics)
16. Ana Maria Jul, Ph.D. 1976, "A Macroeconometric Forecasting Model for Brazil" (Economics)
17. Isaiah Ihimodu, Ph.D. 1977, "The Impacts of Government Taxation and Control of the Marketing of Five Major Agricultural Exports of Nigeria" (Economics)
18. Fatholla Mirza-Bagheri, Ph.D. 1978, "Distributional Impacts of Macroeconomic Fluctuations on the Structure of Earnings: A Longitudinal Approach" (Economics)
19. Romualdo A. Roldan, Ph.D. 1978, "The Technology of Multinational Corporations: A Statistical Analysis of their Factor Intensities" (Economics)
20. Charles Ross Anthony, Ph.D. 1979, "Health, Population, and Income: A Theoretical and Empirical Investigation Using Survey Data from Rural Nepal" (Economics)
21. Miranda Xafa, Ph.D. 1979, "EEC and Greece: An Econometric Analysis of the Effects of Association on Imports of Manufactures, 1962-1972" (Economics)
22. Boediono, Ph.D. 1979, Business Economics, "Econometric Models of the Indonesian Economy for Short Run Policy Analysis" (Economics)
23. Michael James Haley, Ph.D. 1979, "A Dynamic Theory of a Firm that Learns by Doing" (Economics)
24. Chul Hong, Ph.D. 1979, "A Study of Physical Capital Investment in Korea" (Economics)
25. Pichai Kanivichaporn, Ph.D. 1979, "An Econometric Study of the Asian Rice Economies (1956-1975)" (Economics)
26. Morton Owen Schapiro, Ph.D. 1979, "An Economic Model of Fertility and Migration in Nineteenth Century America" (Economics)
27. Raaj Kumar Sah, Ph.D. 1980, "Essays in Public Economics" (Economics)
28. Bijou Yeh, Ph.D. 1981, "A Global Economic Model of a Three Region World" (Economics)
29. Frederic P. Slade, Ph.D. 1981, "Labor Supply and Health Incentives Under Disability Insurance" (Economics)
30. Eduardo Conesa, Ph.D. 1982, "Optimal Trade Policies for Argentina" (Economics)
31. Kimiko Uno, Ph.D. 1982, Regional Science, "Multiple Labor Input Considerations in the Estimation of Regional Translog Production and Cost Functions"
32. Kazuo Ogawa, Ph.D. 1982, "Expectations and Price Stabilization Policy of Primary Commodities" (Economics)
33. Ting Seng Ho, Ph.D. 1983, "An Economic Study of Export Fluctuations and Stabilization Policy in Malaysia" (Economics)
34. Oh-Seok Hyun, Ph.D. 1984, "A Macroeconomic Model of Korea Simulation Experiments with a Large Scale Model for a Developing Country" (Economics)
35. Qaiser Mahmood Khan, Ph.D. 1984, "A Model of Endowment Constrained Demand for Food in an Agricultural Economy" (Demography)
36. Haideh Salehi-Esfahani, Ph.D. December 1985, "'Dutch Disease': The Perverse Effects of a Resource Boom in a Small Open Economy" (Economics)
37. Kua Wongboonsin, Ph.D. 1985, "Fertility Patterns and Their Determinants in Thailand, 1969-1979: Results from Cross-Sectional and Longitudinal Studies" (Demography)
38. Edward Gullason, Ph.D. 1986, "Essays on the Private Returns to Schooling" (Economics)
39. Allen L. Schirm, Ph.D. 1986, "Assortative Mating: An Economic Analysis of Who Marries Whom" (Economics)
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41. Tayyeb Shabir, Ph.D. 1987, "Across and Intrahousehold Effects in a Model of Earnings and Schooling with Controls for Latent Factors" (Economics)
42. Martha Chen, Ph.D. 1989, "Coping with Seasonality and Drought" (Economics)
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49. Dwiantini Joyodipuro-Fergus, Ph.D. 1992, "Job Search Behavior of the Labor Force in Java: An Empirical Study" (Regional Science)
50. Viktoria Dalko, Ph.D. 1992. "Endogenous Fertility and Human Capital Investment" (Economics)

51. Innwon Park, Ph.D. 1993, "Static, Dynamic, and Trade-Linked Computable General Equilibrium Model Estimations of Regional Economic Integration: The ASEAN Illustration" (Economics)
52. Elaina Rose, Ph.D. 1993, "Ex Ante and Ex Post Labor Supply Responses to Risk in a Low Income Area" (Economics)
53. Laurel Adams, Ph.D. 1993, "Are Export Promotion Policies Enough? A Focus on Infrastructure and Export Sector Performance" (Economics)
54. Al-Hassan Conteh, Ph.D. 1994, "Migration and Household Structure in Liberia" (Regional Science)
55. A.S. Senhadji, Ph.D. 1994, "Crowding Out Effect of Foreign Debt" (Economics)
56. Jill Constantine, Ph.D. 1994, "Measuring the Effect of Attending Historically Black Colleges and Universities on Future Wages of Black Students" (Economics)
57. Nancy Brooks, Ph.D. 1994, "The Effects of Community Characteristics on Community Social Behavior" (Economics)
58. Sauwalak Kittiprapas, Ph.D. 1995, "Regional concentration and the Location Behavior of Manufacturing Firms in the Electronics and Automobile Industries in Thailand" (Regional Science)
59. Michele McLennan, Ph.D. 1995, "Essays on Labor Market Discrimination" (Economics)
60. Juan Pablo Cordoba, Ph.D. 1996, "The Impact of Demographic Development and Household Structure on Personal Savings" (Economics)
61. Sara Solnick, Ph.D. 1996, "New and New Questions in Labor and Household Behavior" (Economics)
62. Chul Hun Lee, Ph.D. 1996, "Essays on Credit Rationing and Endogenous Economic Growth" (Economics)
63. Aiting Goh, Ph.D. 1996, "Essays on Trade and Development" (Economics)
64. Daniel Dorsainvil Ph.D. 1996, "Moral Hazard in Credit Relations" (Economics)
65. Anne Kerttula, Ph.D. 1996, "A Dynamic Model of Welfare Participation" (Economics)
66. Eugenio Anessi-Pessina Ph.D., 1996, "The Effect of User Charges on the Utilization of Prescription Medicines in the Italian Health Service" (Public Policy and Management)
67. Leticia Fernandez Ph.D., 1997, "Can Fathers Influence Their Children's Health by Migrating? Paternal Migration and Child Health in Mexico" (Demography)
68. Mathieu-C. Koumoin Ph.D., 1997, "Energy Policies and Population Planning: An Investigation of the Optimal Economic Strategy to Mitigate CO<sub>2</sub> Emissions in Urban Sub-Saharan Africa -- the Empirical Evidence in Dakar and Abidjan" (City and Regional Planning)
69. Masakazu Watanuki Ph.D., 1998, "Regional Economic Consequences of Tariff Reforms and Public Investment in Indonesia: An Interregional Computable General Equilibrium Approach" (Regional Science)
70. Dapeng Hu Ph.D., 1998, "Trade, Production Agglomeration and Regional Disparities in Developing Countries" (Regional Science)
71. Randall S. Kuhn, Ph.D. 1999, "The Logic of Letting Go: Family and Individual Migration from Rural Bangladesh" (Demography and Sociology)
72. Weibin Xu, Ph.D. 2000, "Education and Economic Growth: Evidence from China and Policy Implications" (Education)
73. Reuven Shnaps, Ph.D., 2001, "Estimating the Effect of Smoking on Birth Weight in a Dynamic Model When Fertility is a Choice" (Economics)
74. Nauman Ilias, Ph.D., 2001, "Networks, Families and Firms: Labor Market Distortion in Sialkot's Surgical Cluster" (Economics)
75. Oktorialdi, Ph.D., 2002, "Balanced Regional Economic Development in Indonesia: A Multiregional Econometric Approach" (Regional Science)
76. Li-Wei Chao, Ph.D., 2002, "Pill versus Condom: Lovers in Unity or the Battle of the Sexes?" (Health Care Management)
77. Mariano Sana, 2003, "Economic Theories of International Migration and Family Structure" (Demography)
78. Michael D.S. Morris, 2003, "Choices of Savings, Having Children and Spending on College Education in a Life-Cycle Model" (Economics)
79. Henry Doctor (Demography), 2003, "Mortality in Twentieth-Century Malawi"
80. Murat G. Kirdar (Economics), 2004, "An Estimable Dynamic Model of Asset Accumulation and Return Migration"
81. Sankar Mukhopadhyay (Economics), 2005, "The Effects of the 1978 Pregnancy Discrimination Act on Female Labor Supply"
82. Jeffrey Yau (Economics), 2005, "Analyzing the Impact on Educational Achievement of School Vouchers, Private Schooling, and Early Childhood Intervention"



83. Maria Aysa-Lastra (Demography), 2005, "Selection, Adaptation and Vulnerability of Internal Forced Migrants: A Case Study in Bogota, Colombia"
84. Fernando Riosmena, (Demography) 2005, "Within, Between and Beyond Space-Time: Three Essays on Latin America-US Migratory Dynamics"
85. Jorge Gallardo-Garcia (Economics), 2006, "Health Insurance and Pregnancy Outcomes: An Analysis of Fertility, Prenatal Care and Employment in Mexico"
86. Claudio Lucarelli (Economics), 2006, "An Analysis of the Medicare Prescription Drug Benefit"
87. José Carlos Rodríguez Pueblito (Economics), 2006, "Essays on the Political Economy of Public Infrastructure and Economic Development in Regional Economies: Internal Migration, Political Cycles and Child Mortality"
88. Solveig Argeseanu (Demography), 2006, "Who Promotes Child Well-Being? Essays on the Importance of the Household for Child Well-Being."
89. Sandile E. Simelane (Demography), 2007, "Poverty in Post-Apartheid South Africa: Measurement, Trends and the Demography of the Poor"
90. Philip Anglewicz (Demography), 2007, "Migration, HIV Infection and Risk Perception in Malawi"
91. Francis Obare Oyango (Demography), 2007, "Response to Population-Based Voluntary Counseling and Testing (VCT) for HIV: Cross-Sectional and Longitudinal Analysis using Data from Rural Malawi"
92. Katherine Bartley (Demography), 2007, "New Migratory Dynamics, North of the Border, Across the Border, and Below the Border: Three Essays Examining Internal and Mexico-U.S. Migration"
93. Nicola Tosini (Economics), 2008, "The Socioeconomic Determinants and Consequences of Women's Body Mass"
94. Monica Grant (Demography) 2009, "Education, HIV Risk Perceptions, and Adolescent Sexual Behavior in Rural Malawi"
95. Viviana Vélez-Grajales (Economics) 2009, "Reforms to an Individual Account Pension System and their Effects on Work and Contribution Decisions: The Case of Chile."
96. Michaela Gulemetova Swan (Economics), 2009, "Evaluating the impact of *Oportunidades* on timing of first sex, marriage and fertility among urban adolescents."
97. Shalini Roy, 2009, "Awareness Campaigns, Parental Decisions, and Early Childhood Outcomes in the Philippines" (Economics)
98. Pearl Kyei (Demography), 2010, "Essays on the Economic and Social Demography of Households"
99. Ruben Castro (Demography), 2011, "Three Essays on Mortality and Fertility"
100. Gil Shapira (Economics), 2011, "The Effect of Beliefs About Own HIV Status on Fertility"
101. Whitney Schott (Demography), 2011, "Returning to Work: The Effects of Family Policy, Motherhood, and Schooling on Women in the Workforce"
102. Blueshtein, Moran (Economics), 2013, "Racial Disparities in Schooling: Evidence from Cape-Town, South Africa"
103. Choi, Jaesung (Economics), 2013, "Essays on Private Tutoring and Single-Sex Schooling"
104. Appiah-Yeboah, S. Afua (Demography), 2013, "Three Essays on the Role of Household Wealth, Family Transfer Behaviors and Maternal Social Capital on Children's Human Capital in Rural Malawi"
105. Chae, Sophia (Demography), 2013, "Essays on Family Structure and Marriage In Sub-Saharan Africa"
106. Saabneh, Ameer (Demography) 2013, "Three Essays on Health Disparities"
107. Joshi, Priyadarshani (Graduate School of Education) 2013, "The Public Sector Response to Private Competition *Actions, Causes, Outcomes, and Implications* (The Case of Nepal)"
108. Corker, Jamaica (Demography), 2014, "Urbanization and Demographic Change in sub-Saharan Africa: Three essays on fertility, mortality and population growth in African cities"
109. Fedor, Theresa M (Demography), 2014, "Changes in HIV/AIDS Knowledge, Attitudes and Behaviors in Malawi"
110. Vala-Haynes, Emily (Demography), 2014, "Reproductive Health, Sexual Behaviors and the Impact of Schooling in Latin America"
111. Visaria, Abhijit (Demography), 2015, "Religion and Son Preference in India and Bangladesh: Three Essays on Comparing Hindus and Muslims on Son Preference and Sex Differentials in Child Health"
112. Sohn, Heeju (Demography), 2015, "Health Insurance and its Social and Demographic Consequences"
113. Hu, Li-Chung (Demography), 2015, "Three Essays on Health, Family and Social Stratification in China"

#### **Ph.D. Students Still Registered in Ph.D. Programs:**

1. Muyan, Ekim Cem (Economics) "Estimating Voter Preferences through Randomized Control Trials."
2. Costa, Megan (Demography)
3. Sudharsanan, Nikkil (Demography), "Poverty, health, and mortality in low to middle income countries"

4. O'Keeffe-O'Donovan, Rossa (Economics)
5. Ng, Carmen (Demography)
6. Abufhele-Milad, Alejandra (Demography)

**Presentations on:**

- “Nutrition trajectories over the lifecourse: implications for adolescents’ health and for the next generation” (with Elizabetta Aurim Whitney Schott) for the Conference on *Adolescence, Youth and Gender: Building Knowledge for Change*, 8-9 September 2016, Margaret Hall, University of Oxford, Oxford, UK.
- “Improving Children’s Chances: Evidence on Early-Life Investments & Economic Inequality”, Invited plenary speaker, conference on "Building Good Economies", Francis & Ann Curran Center for American Catholic Studies, Fordham University, Manhattan, NY, 21 April 2016.
- “Research and funding application ideas for Estudio META” (with John Hoddinott, John Maluccio), Institute for Nutrition in Central America and Panama (INCAP), Guatemala City, Guatemala, 10-13 March 2016.
- “Achieving Value for Money on Girls’ Education Projects,” CHARGE: Collaborative Harnessing Ambition and Resources for Girls’ Education, Millennium Challenge Corporation (MCC), Brookings Institution, Clinton Global Initiative, Care, Plan International, Population Council; Millennium Challenge Corporation, Washington, DC 30 July 2015.
- “Nutrición durante los primeros años de vida y sus consecuencias,” Foro/Taller Intersectorial sobre “Nutrición, Salud, Capital Humano y Sostenibilidad del Crecimiento Económico de Largo Plazo: Perspectivas y Desafíos.” San Salvador, El Salvador, 8-9 July 2015.
- “Young Lives Nutrition Research: Key Findings to Date and Priorities for 2015-17” (with Andreas Georgiadis, Paul Glewwe, and Mary Penny), London, UK: Department for International Development, 24 June 2015.
- “Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools, ”Keynote Speech, The Navarra Center for International Development of the University of Navarra a workshop on Development Economics, IESE Campus, Madrid, Spain 1 June 2015.
- “Invirtiendo en nutrición en la infancia temprana: Evidencia reciente”, Instituto de Investigación Nutricional, Lima Perú, 6 March 2015 and Chagas Research Team Meetings, Arequipa, Perú, 11 March 2015.
- “Transmisión Intergeneracional de la Pobreza e Inequidad: Niños del Milenio” (Intergenerational Transmission of Poverty and Inequality: Parental Resources and Schooling Attainment and Children’s Human Capital in Ethiopia, India, Peru, and Vietnam)" (with W. Schott, S. Mani, B.T. Crookston, K.A. Dearden, L.T. Duc, L.C.H. Fernald, A.D. Stein, and The Young Lives Determinants and Consequences of Child Growth Project Team), GRADE, Lima Perú, 5 March 2015.
- “Bargaining Power in the Household and Child Outcomes: An Exploration in Four Developing Countries” (with Priscila Hermida and Whitney Scott) in session on “Gender Equality, Microfinance and Development” (sponsored by International Association for Feminist Economics), Allied Social Science Associations January 3, 2015, Boston, Ma
- “Impact of the NREGS on Schooling and Intellectual Human Capital” (with Subha Mani, Shaikh Galab and Prudhvikar Reddy) in session on “Assessing the Effectiveness of India's Largest Public Works Program - National Rural Employment Guarantee Scheme,” Allied Social Science Associations January 4, 2015, Boston, MA.
- “Population Quantity, Quality and Mobility,” Session on “Building Equity through Social and Economic Policies,” Global Network of Science Academies (IAP)Workshop “Science for Poverty Eradication: a Call for Action”, hosted by the Brazilian Academy of Sciences and organized by the IAP Science for Poverty Eradication Committee, Manaus/Brazil, 3-5 December 2014.
- Invited presentation on “IFPRI and the Mexican PROGRESA Anti-Poverty and Human Resource Investment Conditional Cash Transfer Program” at IFPRI-PIM-SPIA Workshop on Best Practice Methods for Assessing the Impact of Policy Oriented Research, International Food Policy Research Institute (IFPRI), Washington, DC, 12-13 November 2014.
- “Payoffs from Early Interventions”, 2014 Grand Challenges Meeting, Seattle, WA, 6 October 2014.
- “Intergenerational Transmission of Poverty and Inequality: Parental Resources and Schooling Attainment and Children’s Human Capital in Ethiopia, India, Peru, and Vietnam” Duke Population Research Institute (DuPRI), Duke University, Durham, NC 11 September 2014.
- “Workshop on the Evidence from Skills and Livelihoods Programming for Adolescent Girls: Why young people, and why girls?” Washington: World Bank, 26 June 2014.
- “Intergenerational Transmission of Poverty and Inequality: Young Lives,” Public Health Foundation of India, New Delhi, India, 15 May 2014.
- “Intergenerational Transmission of Poverty and Inequality: Young Lives,” Population Association of America Annual Meetings, Boston, MA, 30 April-3 May 2014.
- “Maternal Mental Health and Child Growth and Developmental Outcomes in Four Developing Countries” (with Ian Bennett, Whitney Schott, Sofya Krutikova), Population Association of America Annual Meetings, Boston, MA, 30 April-3 May 2014.

- "Early Life Height and Weight Production Functions with Endogenous Calorie and Protein Inputs for Guatemala and the Philippines" (with Esteban Puentes, Fan Wang, Flavio Cunha, Linda Adair, Judith Borja, John Hoddinott, John Maluccio, Reynaldo Martorell, Aryeh D. Stein), Population Association of America Annual Meetings, Boston, MA, 30 April-3 May 2014.
- "Impact of the NREGS on Schooling and Intellectual Human Capital" (with Subha Mani, Shaikh Galab, P. Prudhvikar Reddy), Population Association of America Annual Meetings, Boston, MA, 30 April-3 May 2014.
- Invited Lecture on "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" at Economic Development Seminar, Dartmouth University, 30 April 2014.
- "Early Child Development in Developing Countries," National Public Radio "Public Health Minute" hosted by Dr. William Latimer, April 2014
- Invited presentation on "Costs of Inaction versus Costs of Action" at The Board on Children, Youth, and Families of the Institute of Medicine (IOM) and National Research Council (NRC), in collaboration with the IOM's Board on Global Health Forum on Investing in Young Children Globally Workshop on the Cost of Inaction April 17- 18, 2014.
- Invited presentation on "Post-Infancy Growth and Associations with Cognitive Achievement", Bill and Melinda Gates Foundation, Seattle, WA, 10 March 2014.
- Invited presentation on "Physical Growth and Child and Adolescent Development" (with Harold Alderman), at workshop for Disease Control Priorities 3 ( DCP3) Volume 3, Part II on "Causal Links between Risk Factors, Interventions, and Outcomes at Different Stages of Child and Adolescent Development," Palm Springs, CA, 11-13 February 2014.
- Invited Lecture on "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" at Applied Micro Seminar, World Bank Research Department, Washington, DC, 20 November 2013.
- Invited Lecture on "Intergenerational Transmission of Poverty and Inequality: Young Lives," Discussion Panel on Social Mobility organized by Centro de Estudios Espinosa Yglesias, Latin American and Caribbean Economic Association Annual Conference, Mexico City, Colegio de Mexico, 31 October – 2 November 2013.
- "Quantity and Quality of the Population" at Global Citizens Foundation Project on Towards a Better Global Economy High-Level Conferences, Geneva, Switzerland, 11-13 July 2013.
- Invited Plenary Lecture on "Intergenerational Transmission of Poverty and Inequality: Young Lives," Conference on "Inequalities in Children's Outcomes in Developing Countries," St Anne's College, Oxford, UK. 8-9 July 2013.
- Invited Lecture on "Aligning Learning Incentives of Students and Teachers: Results from a Social Experiment in Mexican High Schools" at conference on Human Resources and Economic Development, June 24-25, 2013 at Hong Kong University of Science and Technology, supported by HKUST's Department of Economics, Division of Social Science, Institute for Advanced Studies, and Institute for Emerging Market Studies.
- "Impact of Early Childhood Growth Failure over Life Course, Benefit/Costs, and Post-Infancy Recovery and Faltering," Grand Challenges Canada Saving Brains Community Meeting, Calgary, Canada, 15 June 2013.
- "The Economic Rationale for Investing in Stunting Reduction," Poster Presentation for Grand Challenges Canada Community Meeting, 16-19 June, Calgary Canada.
- "Disciplinary differences in what is considered observable and issues of endogeneity," Session on Conceptual and Methodological Considerations and Challenges in Cross-disciplinary, Cross-professional, Cross-cultural, Cross-national Research, Preconference of Society for Research in Child Development on "Interventions for Children and Youth in Low- and Middle-Income Countries: New Opportunities and Challenges for Developmental Science," Seattle, WA 17 April 2013.
- "Catch-up effects in health outcomes – Linear and Quantile Regression Estimates from four Countries" (with Subha Mani, Andreas Georgiadis), Population Association of American Annual Meetings, Session on "Cross-Cultural Studies of Child Development," New Orleans, 11 April 2013.
- "Child Growth from Ages 1 to 5 and 5 to 8 Years in Ethiopia, India, Peru and Vietnam: Key Distal Household and Community Factors (with Whitney Schott, Benjamin Crookston, Elizabeth Lundeen, Aryeh D. Stein), Population Association of American Annual Meetings, Session on "Determinants of Maternal and Child Health in Developing Countries," New Orleans, 12 April 2013.
- "La primera infancia: perspectivas internacionales" presented at seminar on "Desarrollo en la Primera Infancia: Evidencia longitudinal," Universidad de Chile, Santiago 21 March 2013.
- "Grand Challenges Canada Project on Economic Returns to Saving Brains," COHORTS meeting, Antigua, Guatemala, 10 March 2013.
- "Population Quantity, Quality and Mobility," Global Citizens Foundation Project on Towards a Better Global Economy Workshop, University of Pennsylvania, Philadelphia, PA, 1-3 March 2013.
- "Some Very Simple Econometrics," Bill and Melinda Gates Foundation-National Institute of Child Health and Development Project Meeting, Oxford University, Oxford, UK, 20 February 2013.
- "Measuring Human Capital," Grand Challenges Canada Community Meeting, 11 December 2012.

- "Team1000+ Economic Returns to Mitigating Early Life Risks," Grand Challenges Canada Community Meeting, 10 December 2012.
- "The Quantity and the Quality of the Population," Global Citizens Foundation Project on Towards a Better Global Economy Workshop, Geneva, Switzerland, 1 December 2012.
- "Lessons from Randomized Controlled Trials" at Latin American and Caribbean Economic Association Annual Meetings 1-3 November 2012, Lima Peru.
- "Child Growth Trajectories and Primary School Education in Eithiopia, India, Peru and Vietnam," Health Policy and Management Colloquium in Health Services Research, Yale School of Public Health. 26 September 2012.
- "Wealth Gradients in Early Childhood Cognitive Development in Five Latin American Countries," Conference on "Early Childhood Development and Human Capital Accumulation" hosted by University College London , EDePo@IFS, 3ie and the Institute for New Economic Thinking, at University College London, London UK 25-26 June 2012.
- "Way Forward for Research," Children and Youth in Crisis Launch & Learning Event, World Bank, Washington DC, June 18 2012
- "Shocks, Family Transfers and Youth Transitions in Rural Malawi (with Iliana V. Kohler, Hans-Peter Kohler, Linda Kalilani-Phiri), San Francisco, CA, Population Association of America Annual Meetings 2012, 3-5 May 2012.
- "The Impact of Learning HIV Status on Marital Stability and Sexual Behavior within Marriage in Malawi" (with Theresa Marie Fedor and Hans-Peter Kohler), San Francisco, CA, Population Association of America Annual Meetings 2012, 3-5 May 2012.
- "Not Only the First 1000 Days: Growth Recovery and Faltering from Ages 1 to 8 Years," Chicago Initiative for Economic Development and Early Childhood (CEDEC), University ofChicago, Chicago, 20-21 April 2012.
- "Intergenerational Wealth, Educational, and Occupational Mobility in Mexico" (with Viviana Vélez-Grajales), Mexico City, Centro de Estudios Espinosa Yglesias (CEEY) project on Social Mobility, 17 April 2012.
- "Aligning Learning Incentives to Improve Upper Secondary School Student Achievement in Mathematics in Mexico: ALIneando Incentivos para el Aprendizaje (ALI)" (with Susan W. Parker, Petra E. Todd and Kenneth I. Wolpin), Center for Demography and Ecology, University of Wisconsin, Madison, Wisconsin, 20 March 2012.
- Invited lecture on "From Macro Econometric Analysis to Early Childhood Development," Doctor Honoris Causa of the Universidad de Chile, 13 December 2011,
- Invited Lecture on "Making Early Childhood Interventions Effective" at El Impacto del Desarrollo de la Primera Infancia en las Education y er Mercado Laboral" at the University of Chile on 8 November 2012
- Invited Lecutre on "Cognitive and Non-Cognitive Patterns in Chilean Early Childhood Development: Associations with Income and Other Factors" at Latin American and Caribbean Economic Association Annual Meetings 9-12 November at Adolfo Ibanez University, Santiago Chile.
- "Cost-Effectiveness/Benefit-Cost Analysis," "Frontiers Session" World Bank Conference on the Policy Implications of Recent Evaluations of CCT Programs, Washington, DC, World Bank, October 24-25<sup>th</sup> 2011.
- "Primera Infancia: una inversión en el desarrollo humano," Foro: Primera Infancia: Asegurando el Futuro Hoy (Early Childhood Development Forum), Sponsored by H.S. Marta Linares de Martinelli, Primera Dama de la República y Presidenta del Consejo Asesor de la Primera Infancia, Ministerio de Desarrollo Social and Inter-American Development Bank, Panama City, Panama 20 October 2011.
- "Aligning Learning Incentives to Improve Upper Secondary School Student Achievement in Mathematics in Mexico: ALIneando Incentivos para el Aprendizaje (ALI)" (with Susan W. Parker, Petra E. Todd and Kenneth I. Wolpin), *International Workshop on Poverty and individual decisions in developing countries: what do we learn from microeconometrics?* 13 October 2011, World Trade Center Marseille Provence, France.
- "Copenhagen Consensus on HIV/AIDS in Sub-Saharan Africa: Assessment Paper on the Prevention of Sexual Infection (with Hans-Peter Kohler), Washington, DC: Georgetown University, Copenhagen Consensus on HIV/AIDS in Sub-Saharan Africa Project, 27 September 2011.
- "(1) Schooling and Gradients; (2) Long-Run Impacts of Early-Life Nutrition," First Workshop of the Health Inequality Network (HINet), University of Chicago, 15 September 2011.
- "Health, Nutrition, Education and Equity," Invited Lecture at World Bank Conference on "Equity, Development and Policy: Evidence, New Ideas & Future Directions," Washington, DC: World Bank, 10 June 2011.
- "Shocks, Family Transfers, and Youth-Transitions in Rural Malawi" (with Iliana V. Kohler, Hans-Peter Kohler and Linda Kalilani-Phiri), Conference on "Impact of Financial Crises on the Human Capital Accumulation Process of Young People and how to Best Protect Such Investments" organized by theWorld Bank Human Development Network and the Jacobs Foundation, Marbach, Germany, May 5-6, 2011.
- "Children and Youth in Crisis: Conceptual Framework" (with Larry Aber, Mattias Lundberg, Melisa Morales, Rainer Silbereisen, Alice Wuermli), Conference on "Impact of Financial Crises on the Human Capital Accumulation Process

- of Young People and how to Best Protect Such Investments" organized by the World Bank Human Development Network and the Jacobs Foundation, Marbach, Germany, May 5-6, 2011.
- "Incentives for Students and Papers" (with Susan W. Parker and Petra Todd), Conference on "Education Policy in Developing Countries: What Do We Know, and What Should We Do to Understand What We Don't Know?" Minneapolis, MN: University of Minnesota, 4-5 February 2011.
- "Good Intentions, Bad Outcomes: A Closer Look at Market and Government Failures in Skills Development," Washington, DC: World Bank 2011 Human Development Forum, 1 March 2011.
- "Causal Effects of Single-Sex Schools on Students' STEM (Science, Technology, Engineering, and Math) Outcomes by Gender and Parental SES" (with Hyunjoon Park and Jaesung Choi), Washington, DC: Population Association of America Annual Meetings, 1 April 2011.
- "Research Evidence on Early Education Investment Returns," Invited Lecture at Meeting on "Desarrollo de la Primera Infancia: Evidencia internacional, políticas públicas y nuevo datos para Chile", Santiago, Chile 13 December 2010.
- "Impacts of Early-Life Nutrition into Adulthood and Across Generations: Recent Evidence from the INCAP Guatemalan Nutritional Intervention," Invited Lecture at Latin American Population Association (ALAP) fourth Congress, Hotel Nacional, Havana, Cuba, November 16-19, 2010.
- "Aligning incentives for learning high school mathematics; Results from a new experiment," Invited Lecture at Latin American and Caribbean Economic Society (LACEA) Annual Meetings, Medellin, Colombia 11-13 November 2010.
- "Aligning Learning Incentives to Improve Upper Secondary School Student Achievement in Mathematics in Mexico: ALIneando Incentivos para el Aprendizaje (ALI)" (with Susan W. Parker, Petra E. Todd and Kenneth I. Wolpin), Conference on "Advances with Field Experiments 2010," The Wharton School – University of Pennsylvania, October 15/16 - 2010
- "Impact Analysis and Program Evaluation" (with David Bloom), 2010 VCTR Planning Meeting, Genetic and Heritable Biocontrol Strategies for Control of Vector-borne diseases, Foundation for the National Institutes of Health, 9650 Rockville Pike, Hitchings Room, Bethesda, MD, 28 April 2010
- "Capabilities and Early Life Nutrition," Conference on Creating Capabilities: Sources and Consequences for Law and Social Policy April 23 - 24, 2010, University of Chicago Law School, Chicago, IL
- "Gender Matters: Causal Effects of Single-Sex Schools on College Attendance" (with Hyunjoon Park) in Population Association of America Annual Meeting, Dallas, TX 14-17 April, 2010.
- "Mothers' Perception of HIV Risk and the Quantity and Quality of Children: The Case of Rural Malawi" (with Ruben Castro, Hans-Peter Kohler), in Population Association of America Annual Meeting, Dallas, TX 14-17 April, 2010.
- "Patterns and Determinants of Intergenerational Transfers in Rural Malawi" (with Iliana V. Kohler, Hans-Peter Kohler and Philip Anglewicz) in Population Association of America Annual Meetings, Dallas, TX 14-17 April, 2010.
- "Brain and Brawn in Labor Markets in the Tropics: Estimates from Guatemala Using Over Three Decades of Data," Invited speaker, Princeton University, 11 January 2010.
- "Economic Considerations and Implications," The Global Child Development Group Meeting, Breezes Resorts and Spa, Rio Bueno, Jamaica December 8 - 11, 2009.
- "Brain and Brawn in Labor Markets in the Tropics: Estimates from Guatemala Using Over Three Decades of Data," Invited speaker, Latin American and Caribbean Economic Society Annual Meetings, Buenos Aires, Argentina, 2 October 2009.
- "Cómo evaluar el impacto de programas y políticas?: La revolución que han generado los diseños experimentales y cuasi - experimentales," Evaluando el Impacto de las Políticas Públicas, Reunión-Desayuno, 12 de Agosto 2009, Hotel Crowne Plaza, Santiago, Chile.
- "Brain and Brawn in Labor Markets in the Tropics: Estimates from Guatemala Using Over Three Decades of Data," Invited keynote speaker, Society of Labor Economics (SOLE) Annual Meetings, 6-9 May 2009, Boston, MA.
- "Impact Evaluation and Evidence on Young Life Investment Returns," Young Lives Global Symposium, 12-13 December 2008, St Peter's College, Oxford University, Oxford, United Kingdom.
- "Educational Policies and Evaluations in Developing Countries: Some Recent Examples," public inauguration and open seminar, Center of Advanced Research in Education (Centro de Investigación Avanzada en Educación), Santiago Chile, 2-3 December 2008.
- "Commentary on IFPRI and IFS Studies," III Seminario Internacional Transferencias Condicionadas, Erradicación del Hambre y la Desnutrición Crónica, FAO-RLC, Santiago de Chile, 1 December 2008.
- "What you don't know can hurt you – or at least mislead you: Family behaviors, unobserved heterogeneity and the determinants of and impacts of human resources," Carlos Diaz-Alejandro Prize Invited Lecture at Latin American and Caribbean Economic Society (LACEA) Annual Meetings, Rio de Janeiro, Brazil, 20-22 November 2008.
- "Research Evidence on Early Education Investment Returns," Invited Keynote Speaker, International Seminar on "The Impact of Early Education" sponsored by Chilean Board of National Day Care Centers (JUNJI), 5-7 November 2008.

- “Thoughts on Possible Urban *Oportunidades* Evaluation in 2009”, Seminar for Evaluación Externa del Programa de Desarrollo Humano *Oportunidades* 2007-2008, Instituto Nacional de Salud Pública (INSP), Mexico City, Mexico, 20 September 2008.
- “Longer-Run Effects After Almost a Decade on Child Development, Education and Nutrition of Exposure of Infants and Toddlers to *Oportunidades* in 1998-9” (with Lia Fernald, Paul Gertler, Lynnette M. Neufeld and Susan Parker), Seminar for Evaluación Externa del Programa de Desarrollo Humano *Oportunidades* 2007-2008, Instituto Nacional de Salud Pública (INSP), Mexico City, Mexico, 18-19 September 2008.
- “What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala” Williamstown College, Williamstown, MA 12 September 2008.
- “*ALIneando Incentivos para el Aprendizaje (ALI):* Aligning Learning Incentives (ALI) to Improve High School Student Achievement in Mathematics” (with Susan Parker and Kenneth Wolpin), Washington, DC: Inter-American Development Bank, 1 July 2008.
- “Investing in Nutrition in Early Childhood: How Can the Impacts be Measured?” Invited Keynote Speaker, session on “Seguimiento, Monitoreo y Evaluación” at Regional Technical Conference on “Hacia la eradicación de la Desnutrición Infantil en América Latina y El Caribe,” El Gobierno de Chile, el Programa Mundial de Alimentos de las Naciones Unidas para América Latina y el Caribe (PMA), y el Programa de Naciones Unidas para el Desarrollo (PNUD) en representación del Sistema de las Naciones Unidas, Santiago de Chile, 5 y 6 de mayo de 2008.
- “What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala,” London: Department of Economics, University College London, 30 April 2008.
- “Economic Context for the International Healthy Start to Life Project,” Wellington, New Zealand, Royal Society of New Zealand Conference Centre, Meeting of The International Healthy Start to Life Project, 18 April 2008.
- “Investing in nutrition in early childhood: How can the returns be measured?” Wellington, New Zealand, Royal Society of New Zealand Conference Centre, Meeting of The International Healthy Start to Life Project, 18 April 2008.
- “Aligning Learning Incentives,” Ministry of Education, Mexico City, Mexico, 7 February 2008.
- “IFPRI and the Mexican *PROGRESA* Anti-Poverty and Human Resource Investment Conditional Cash Transfer Program,” Policy on Research Impact Assessment (PORIA) Case Study,” Philippines: Los Baños, International Rice Research Institute, Policy-Oriented Research Impact Assessment meeting, 11 December 2007 (via video participation).
- “Evaluación de Programas Sociales: El Caso de Progresas/Oportunidades,” Mexico City, Mexico, 7 December 2007 (Penn Mexico Club).
- “What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala,” Facultad de Economía, Universidad de los Andes, Bogota, Colombia, 29 November 2007.
- “Designing State of the Art Research on Strengthening Women’s Assets,” IFPRI Consultation on Strengthening Women’s Control of Assets for Better Development Outcomes, November 13-14, 2007, Washington, DC.
- “Lessons from Empirical Network Analyses on Matters of Life and Death in East Africa” (with Hans-Peter Kohler and Susan Watkins), Conference on “Network-based Strategies and Competencies,” Wharton School of Business and Commerce, University of Pennsylvania, 8-9 November 2007.
- “IFPRI and the Mexican *PROGRESA* Anti-Poverty and Human Resource Investment Conditional Cash Transfer Program,” Washington, DC: International Food Policy Research Institute, 6 November 2007.
- “Educational Policy in Developing Countries: Discussion on Four Selected Points,” Education Workshop, Commission on Growth and Development, Washington, DC: World Bank, 19 October 2007.
- “Nutrition, Health, Education, Productivity and Benefit-Cost Estimates,” Health and Growth Workshop, Commission on Growth and Development, Washington, DC: World Bank, 16 October 2007.
- “Las decisiones de los hogares: capital humano y salud,” Workshop on Colombian Longitudinal Survey of Wealth, Income, Labor and Land (CLA-WILL), Centro de Estudios Sobre Desarrollo Económico, Facultad de Economía, Universidad de los Andes, Bogota, Colombia, 8-9 August 2007.
- “Selected Studies on Improved Nutrition and Economic Benefits in Developing Countries,” Wyeth Nutrition, Collegeville, PA, 17 July 2007.
- Invited Keynote Speaker on “A Researcher’s Viewpoint on Policy Issues Relating to ‘What have we learned, and what’s next?’ on the MDGs,” Policy Conference on Reaching the MDGs, Sixth General Poverty and Economic Policy (PEP) Research Network Meeting, Sheraton Lima Hotel, Paseo de la Republica 170, Lima, Peru, 9-16 June 2007.
- “What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala,” Washington University of St Louis, 30 April 2007.
- “What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala,” Baltimore: The Johns Hopkins University, 25 April 2007.
- “Consequences of Height on Wages in Developing Countries when Height Reflects Previous Investments,” Workshop on Guatemala, Middlebury College, Middlebury, Vermont, 15-17 March 2007.

- "CCT Impacts on Schooling, Health and Nutrition: Reviewing the Evidence," Technical Workshop on Tackling Poverty in the Short and Long Run: An Assessment of the Experience of CCT. Washington, DC: World Bank, 26 February 2007.
- "Transfers out of Poverty: Research Insights, Policy Progress, and Positive Outcomes," Washington, DC: IFPRI, PORIA Case Studies: Methods & Planning Workshop, 20 February 2007.
- "The Burden Of Disease And Health Of The Elderly" presented at Conference on Aging and Aids in Africa, University of Colorado at Boulder, Institute of Behavioral Science, January 11, 2007
- "What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala" University of Chicago, 4 January 2007.
- "How Much Might Human Capital Policies Affect Earnings Inequalities?" Invited Speaker, Inter-American Development Bank (IDB)-University of Chile Workshop on "Income Inequality" 11-12 December 2006, University of Chile, Santiago, Chile.
- Invited Panelist, International Workshop on "Movilidad Social Y Politicas Publicas En America Latina," Corporacion de estudios para Latinamerica (CIEPLAN), Santiago, Chile 13 December 2006.
- "What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala" University of Arizona, 1 December 2006.
- "Out of Sync? Economic Research on Health and Development and Health Conditions in Developing Countries," Invited Speaker on Panel on Health, Latin American Meeting of the Econometric Society (LAMES) and the Annual Meeting of the Latin American and Caribbean Economic Association (LACEA), ITAM Mexico City, 2-4 November, 2006.
- "Malnutrition and Hunger" presented at "Copenhagen Copenhagen Consensus 2006: A United Nations Perspective," New York, United Nations UNICEF House 28 October 2006.
- "What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala" Syracuse University, 17 October 2006.
- "Where Should UNU-WIDER Place Their Bets? Some Considerations for Prioritizing Economic Research on Health and Development," Invited Keynote Speaker, United Nations University (UNU)-World Institute for Development Economics Research (WIDER) Conference on Health Deprivation and Inequality, 29-30 September 2006, Helsinki, Finland.
- "Consequences of height on wages in developing countries." Princeton conference on "Height, Health and Living Standards," Session IV on Economic consequences of height, Princeton: Princeton University, 19 July 2006.
- "What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala" Palo Alto, CA: Stanford Institute for Theoretical Economics (SITE) 2006 Summer Workshop on Health and Economic Development, June 26-28, 2006
- "Malnutrition and Hunger" presented at "Copenhagen Copenhagen Consensus 2006: A United Nations Perspective," Georgetown University, 16 June 2006.
- "Reflections on Modeling and Estimating the Consequences of Birth Weight," Conference on "Consequences of Birth Weight," Baltimore, MD: Johns Hopkins School of Public Health, 15 June 2006
- "What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala" University of Chicago, 21 April 2006.
- "The Impact of Nutrition and School Quality on Primary School Enrollment in the Philippines" (with Sharon J. Ghuman, Socorro Gultiano, Elizabeth King), Annual Meetings of the Population Association of America, Los Angeles, CA, 30 March-1 April 2006.
- "Schooling Differentials and Hospitalization and Mortality in Denmark: Does Schooling Have Direct Effects or is Schooling Primarily a Marker for Background Differentials?" (with Hans-Peter-Kohler, Vibeke Jensen, Dorthe Pedersen, Inge Petersen, Paul Bingley, Kaare Christensen), Annual Meetings of the Population Association of America, Los Angeles, CA, 30 March-1 April 2006.
- Does Schooling Increase and Schooling Gender Gaps Decline with Increases in Parental Schooling and Wealth? New Evidence from over a Quarter Century in Rural Guatemala" (with Yount, Kathryn M., John Hoddinott, John Maluccio, Alexis Murphy and Usha Ramakrishnan), Annual Meetings of the Population Association of America, Los Angeles, CA, 30 March-1 April 2006.
- "ECD Evaluations: Some Methodological Aspects -Impact Evaluation, Costs, Discounting," UNICEF (Meeting for Lancet articles), 13 January 2006.
- "What Do (Can) We Learn from Panel Data in Understanding HIV/AIDS and Poverty?" International Union for the Scientific Study of Population (IUSSP), Workshop on Data and Methodology, 14 December 2005, Cape Town, South Africa.
- "Resultados de evaluación de Oportunidades en el área de educación," Instituto Nacional de Salud Pública (INSP), Cuernavaca, Mexico 4 November 2005.



- "Resultados de evaluación de Oportunidades en el área de educación," Keynote speaker, Symposium "Capital Humano, Crecimiento, Pobreza: Problemática Mexicana" Department of Economics, Monterrey, NL Mexico 13-14 October 2005.
- "What Determines Adult Skills? Impacts of Pre-School, School-Years and Post-School Experiences in Guatemala" Columbia University, New York, NY 3 October 2005.
- "Early Childhood Development Evaluations in Bolivia, Guatemala and Mexico: Some Methodological Aspects and Results," Inter-American Development Bank, 27 September 2005.
- "Forming Families," International Policy Workshop on "Development for (and by) the Next Generation" in preparation of the *World Development Report 2007*, 11 – 13 September 2005, Berlin, Convened by the Development Policy Forum of InWent, Capacity Building International, Germany, in cooperation with the Federal Ministry for Economic Cooperation and Development (BMZ) and the World Bank.
- "The Impact of Experimental Nutritional Interventions on Education into Adulthood in Rural Guatemala" (with John Hoddinott, John A. Maluccio, Agnes Quisumbing, Reynaldo Martorell and Aryeh D. Stein), World Congress of Econometric Society, London: University College London, 19-24 August 2005.
- "School Subsidies, Achievement and Work in Mexico" (with Susan W. Parker and Petra E. Todd), World Congress of Econometric Society, London: University College London, 19-24 August 2005.
- "Schooling in the next generation—*Longitudinal analysis*," Workshop on Changes, Livelihoods and Policy Through Village Level Studies (VLS), Brown University, Providence, RI, 23-24 July 2005.
- "What Determines What Adults Know? Impacts of Pre-School, School-Years and Post-School Experiences," Department of Global Health, Emory University, Atlanta, GA, 19 July 2005.
- "School Subsidies, Achievement and Work in Mexico" (with Susan W. Parker and Petra E. Todd), Symposium on "Poverty, Inequality, and Policy in Latin America" organized by the Ibero-America Institute of the University of Göttingen, Göttingen, Germany, July 14-16, 2005.
- "Impacto del Programa Oportunidades en la Escolaridad de los Niños Beneficiarios en Zonas Rurales y Urbanas," *Seminario de Reflexión: Evaluación de Oportunidades, 2004*, Mexico City, Programa Oportunidades y el Instituto Nacional de Salud Pública (INSP), 6-7 June 2005.
- "The Impact of Early Nutrition Over the Life Cycle in Guatemala and the U.S." University of California-Riverside, 18 May 2005.
- "Hunger and Malnutrition Among Global Priorities: The Copenhagen Consensus," Campus-Wide Public Policy Seminar Series, University of California-Riverside, 19 May 2005.
- "School Subsidies, Achievement and Work in Mexico" (with Susan W. Parker and Petra E. Todd), Washington, DC: World Bank, 27 April 2005.
- "Impacto del Programa Oportunidades en la Escolaridad de los Niños Beneficiarios en Zonas Rurales y Urbanas," Sesión Académica Evaluación a Oportunidades, Salón Adolfo López Mateos, Residencia Oficial de los Pinos, Mexico City, Mexico, April 18 2005.
- "Evaluating the Early Childhood Development Program in the Philippines," (with Paulita Duazo, Sharon Ghuman, Socorro Gultiano, Elizabeth M. King, Nanette Lee, and The Office of Population Studies, University of San Carlos ECD Team), Washington, DC: World Bank, 5 April 2005.
- "The Impact of Early Nutrition Over the Life Cycle" Institute of Fiscal Studies -University College London, London, 7 March 2005.
- "How Parents Really Affect Their Children's Economic Options: Some Selected Examples," International Center for the Study of East Asian Development (ICSEAD), Kitakyushu, Japan, January 27, 2005.
- "Hunger and Malnutrition Among Global Priorities: The Copenhagen Consensus," Department of International Health, The Rollins School of Public Health, Emory University, Atlanta, GA, 10 November 2004.
- "The Impact of Early Nutrition Over the Life Cycle," Minnesota Population Center, University of Minnesota, Minneapolis, MN, 1 November 2004.
- "The Evidence for Investing in Nutrition" (with Harold Alderman and John Hoddinott), "The Economics of investing in Nutrition," Seminar co-Sponsored by the Nutrition Thematic group and PREM-VP, Washington, DC: World Bank, October 26, 2004.
- "Understanding How Parents Affect Children: A General Perspective and Some Selected Examples," Hopkins Population Center, Bloomberg School of Public Health, 25 October 2004.
- "Understanding How Parents Affect Children: A General Perspective and Some Selected Examples," Korea Development Institute (KDI), Seoul, Korea, 12 October 2004.
- "Marriage: Levels, Correlates, and Differences in Human and Physical Assets Brought into Marriages by Young Guatemalan Adults," 7<sup>th</sup> Progress Meeting: Early Nutrition, Human Capital and Economic Productivity Project; 2<sup>nd</sup>

- Meeting: Education, Life Course and Health in Guatemala; 2<sup>nd</sup> Meeting: Resource Flows among Three Generations in Guatemala, Antigua, Guatemala, September 11-13, 2004.
- "Hambre y Desnutrición entre las Prioridades Globales: El Consenso de Copenhague," Session on "Estrategias para lograr la esanza primaria universal", Reunión Científica LVAniversario de INCAP, Guatemala City, Guatemala, September 9, 2004
- Understanding How Parents Affect Children -- A General Perspective and Some Particular Examples, "From Parent to Child' Workshop with Jere Behrman," AMID & CAM, University of Copenhagen, 9-10 June 2004, Copenhagen, Denmark.
- "Understanding How Parents Affect Children: A General Perspective and Some Particular Examples," Workshop on "Analyses of Intergenerational Issues," June 7-8, 2004, Aarhus School of Business, Aarhus, Denmark
- "Malnutrition and Hunger," Copenhagen Challenge, Copenhagen, Denmark, 24 May 2004.
- "How Parents Really Affect Their Children's Economic Options: Some Selected Examples," Hong Kong, Chinese University of Hong Kong, Public Lecture, 19 April 2004.
- "The Impact of Early Nutrition Over the Life Cycle in Guatemala and the U.S.," Hong Kong, Chinese University of Hong Kong, Department of Economics, 16 April 2004.
- "The Influence of Cross-Gender Conversational Networks on Responses to AIDS in Rural Malawi" (with Hans-Peter Kohler and Susan Watkins), Boston, MA: Annual Meetings of Population Association of America, 9 April 2004. "A Better Start in Life? The Early Childhood Development Program in the Philippines" (with Socorro Gultiano and ECD Team-Office of Population Studies and Elizabeth M. King), Boston, MA: Annual Meetings of Population Association of America, 8 April 2004.
- "The Impact of Experimental Nutritional Interventions on Education into Adulthood in Rural Guatemala: Preliminary Longitudinal Analysis" (with John Hoddinott, John A. Maluccio, Agnes R. Quisumbing, Reynaldo Martorell, Aryeh D. Stein), Boston, MA: Annual Meetings of Population Association of America, 8 April 2004.
- "Causal Effects of Schooling on Adult and Child Health," NIH Meeting of Awardees for RFA on Pathways Linking Education to Health, Crystal City, Va, March 4, 2004.
- "Evaluación del Programa Oportunidades, México," 55 Aniversario del INCAP, 2<sup>a</sup>. Reunión Científica, Ciclo de Conferencias 55 Aniversario, "Seguridad Alimentaria Nutricional e Inversión Social" Guatemala, 5 de febrero del 2004.
- "Evaluaciones Actuales de (1) Oportunidades - Rural, (2) Oportunidades -Urbano, y (3) Jóvenes con Oportunidades," at workshop on "Resultados y Perspectivas del Programa Oportunidades," Washington, DC: Inter-American Development Bank, November 25, 2003.
- "Early Childhood Development in the Philippines: Family Background-Service Provider Interactions" (with Elizabeth King, Judith B. Borja, Sharon J. Ghuman, Socorro Gultiano), International Union of the Scientific Study of Population (IUSSP) Panel on Population and Poverty and Universidad Iberoamericana Seminar on "Poverty, Programs and Demographic Outcomes," CIDE, Mexico City, 21-22 November 2003.
- "Returns to Birthweight," Williams College, Williamstown, MA, November 11, 2003.
- "The Impact of Experimental Nutritional Interventions on Education into Adulthood in Rural Guatemala: Preliminary Longitudinal Analysis," Center for Development Economics, Williams College, Williamstown, MA, November 11, 2003.
- "The Impact of Experimental Nutritional Interventions on Education into Adulthood in Rural Guatemala: Preliminary Longitudinal Analysis," Second Meeting of the Inter-American Development Bank Social Policy Monitoring Network, *Health and Nutrition*, November 6-7, 2003, Rio de Janeiro, Brazil
- "Interactions Among Health, Education and Nutrition (HEN) and the Potential Benefits of Intervening Simultaneously in All Three," Round Table: Synergies from intervening simultaneously in nutrition, health and schooling, Second Meeting of the Inter-American Development Bank Social Policy Monitoring Network, *Health and Nutrition*, November 6-7, 2003, Rio de Janeiro, Brazil
- "The Impact of Experimental Nutritional Interventions on Education into Adulthood in Rural Guatemala: Preliminary Longitudinal Analysis," Latin America and the Caribbean Economic Association (LACEA) Annual Meetings, 9-11 October 2003, Puebla, Mexico.
- "Experience with Project Evaluation," Millennium Challenge Account Evaluation Design Working Session, Washington, DC: USAID, September 10, 2003
- "Returns to Birthweight," Carolina Population Center Workshop, Chapel Hill, NC, 5 September 2003.
- "Returns to Birthweight," University of North Carolina at Chapel Hill Triangle Health Economics Workshop, 5 September 2003.
- "Returns to Birthweight," Santiago, Chile: Universidad de Chile, 14 August 2003
- "Educational Sector Study: Pro-Poor Economic Growth Effects of Policies and Activities," Washington, DC., meeting on Pro-Poor Economic Growth Research Studies Project, implemented by Development Alternatives, Inc, (DAI) and

- Boston Institute for Developing Countries (BIDE) and funded by the Bureau for Economic Growth, Agriculture and Trade, U.S. Agency for International Development (USAID), 1 July 2003.
- "Returns to Birthweight," Seattle, WA: University of Washington, 30 May 2003.
- "Early Childhood Development in the Philippines: Family Background-Service Provider Interactions" (with Elizabeth King, Judith B. Borja, Sharon J. Ghuman, Socorro Gultiano), Session on Child Health and Education in Developing Countries, Annual Meetings of Population Association of America, Minneapolis, MN 2 May 2003.
- "The Returns to Female Schooling Revisited" (with Piyali Sengupta), Washington, DC: World Bank, 16 April 2003.
- "Increasing Birthweight," Mini-conference on Economic Demography in Memory of George Stolnitz (Population Institute and Department of Economics), Bloomington, IN: Indiana University, 3-4 April 2003.
- "Parental Wealth and Adult Children's Welfare in Marriage," Los Angeles, University of Southern California, 26 February 2003.
- "Parental Wealth and Adult Children's Welfare in Marriage," Los Angeles, UCLA, 25 February 2003.
- "Progressing through PROGRESA: An Impact Assessment of Mexico's School Subsidy Experiment" (with Piyali Sengupta and Petra Todd), The International Centre for the Study of East Asian Development (ICSEAD), Kitakyushu, Japan, 24 January 2003.
- "The Use of Twins in Economics," National Academy of Sciences-National Research Council Ad Hoc Meeting on Twins Studies, 7-8 January 2003.
- "Social Safety Nets for More-Adaptive Labor Markets in Developing Countries" (with John Hoddinott), U.S. Department of Labor ILAB Research Symposium, Bureau of Labor Statistics Conference Center, Washington D.C. 6 January 2003.
- "Progressing through PROGRESA: An Impact Assessment of Mexico's School Subsidy Experiment" (with Piyali Sengupta and Petra Todd), First Meeting of the Inter-American Development Bank Social Policy Monitoring Network on "Conditional Cash Transfers Programs," Institute for Fiscal Studies, London, UK, 21 November 2002.
- "Progressing through PROGRESA: An Impact Assessment of Mexico's School Subsidy Experiment" (with Piyali Sengupta and Petra Todd), First Annual Instituto Tecnológico Autónomo de México Workshop on Poverty, Mexico City, May 23, 2002.
- "Krueger's Simple 'Two-by-Two' Taxonomy for Policies as They Relate to Poverty Alleviation and Economic Growth," Tokyo: Asian Development Bank Institute, January 23, 2002.
- "Economic Policy and Wage Differentials in Latin America" presented at joint American Economic Association-Korea/America Economic Association Session on "Education and Development," 6 January 2002, ASSA Annual Meetings, Atlanta, GA.
- "In-Law Resources, Parental Resources and Distribution Within Marriage," Santiago, Chile: Universidad de Chile, 11 December 2001.
- "Economic Policy and Wage Differentials in Latin America," Santiago, Chile: Universidad de Chile, 11 December 2001.
- "Progressing through PROGRESA: An Impact Assessment of Mexico's School Subsidy Experiment," Santiago, Chile: Universidad de Chile, 10 December 2001.
- "Does Increasing Women's Schooling Raise the Schooling of the Next Generation?" Santiago, Chile: Universidad de Chile, 7 December 2001.
- "The Returns to Increasing Body Weight," Santiago, Chile: Universidad de Chile, 6 December 2001.
- "Economic Policy and Wage Differentials in Latin America," Washington, DC: World Bank Research Department Seminar, 3 October 2001
- "Human Capital Investments, Health and Nutrition," Symposium on "Nutrition and Human Capital Formation," INCAP-Sponsored Meeting, Holiday Inn, Guatemala City, Guatemala on "Early Nutrition, Human Capital and Economic Productivity," July 12, 2001
- "The Social Benefits of Education: Conceptual and Measurement Issues," Key-Note speech at Inaugural Conference on "Wider Benefits of Learning," Institute of Education, London, 3 July 2001.
- "Social Protection and Targeting: What Do We Know About the Tradeoffs?" Inter-American Development Bank, Washington, DC, 11-12 June 2001
- "Family Background, Schooling Determination and Policy Implications: Some Selected Aspects from Various Countries," Jerome Levy Economics Institute, Bard College, 4-5 June 2001.
- "Intergenerational Schooling Mobility In Latin America" (with Alejandro Gaviria and Miguel Székely), *Economia* Panel, Harvard University, Cambridge, MA, April 27, 2001.
- "Progressing through PROGRESA: An Impact Assessment of Mexico's School Subsidy Experiment" (with Petra Todd), Princeton University, Princeton N.J., 25 April 2001.
- "Re-examining Some Conventional Wisdom with Control for Genetic Endowments Through Using Identical Twins: (1) Does Increasing Women's Schooling Raise the Schooling of the Next Generation and (2) The Returns to Increasing

- Body Weight," Seminar Series on Poverty, Household Economics and Rural Development, World Bank, Washington, DC, February 21, 2001.
- "The Returns to Increasing Body Weight" (with Mark R. Rosenzweig), Health Promotion and Disease Prevention Council, University of Pennsylvania Health System, January 31, 2001.
- "The Returns to Increasing Body Weight" (with Mark R. Rosenzweig), Session on "The Economics of Obesity," Annual Meetings of American Economic Association, Allied Social Science Associations, New Orleans, LA, 8 January 2001.
- "Progressing through PROGRESA: An Impact Assessment of Mexico's School Subsidy Experiment" (with Petra Todd), National Bureau of Economic Research (NBER)-Universidad de Costa Rica "Inter-American Seminar on Economics, San Jose, Costa Rica, 16-17 November, 2000.
- "Human Resources, Household Behaviors, Demographic Outcomes and Markets in Developing Countries," University of Costa Rica," San Jose, Costa Rica, 14-15 November, 2000.
- "Evaluation of the Impact of PROGRESA on Child Growth," Workshop on PROGRESA, CIDE, Mexico City, 13 November 2000.
- "Conceptual Framework for Evaluation of PROGRESA," Workshop on PROGRESA, CIDE, Mexico City, 13 November 2000.
- "Intergenerational Schooling Mobility in Latin America: Some Preliminary Estimates" (with Miguel Szekely), Workshop on Mobility, Brookings Institution Center on Social and Economic Dynamics/InterAmerican/Carneige Endowment for International Peace, Washington, DC, 9 November 2000.
- "Decentralization of Education in Asia: Synthesis of Studies for Bangladesh, Indonesia and the Philippines," 24 July 2000, Manila: Asian Development Bank.
- "General Plan, Design and Methodology for IFPRI Evaluation of *PROGRESA*," *PROGRESA*, Mexico City, Mexico, 21 April 2000.
- "Does Increasing Women's Schooling Raise the Schooling of the Next Generation?" Duke University, Durham, NC, March 29, 2000
- "We Are All Getting Older: A World Perspective on Aging and Economics" (with Suzanne Duryea and Miguel Székely), Invited Lecture for Population Association of America Annual Meetings, Los Angeles, 24 March 2000.
- "Poverty Research: Selected Examples Using Household Survey Data from Viet Nam" International Round Table 3.on Urban Poverty Research, Nha Trang, Viet Nam, 13-16 December 1999, sponsored by The Institute of Social Sciences, Ho Chi Minh City (ISSHO) and the Social Science Research Council (SSRC), New York.
- "In-Law Resources, Parental Resources and Distribution Within Marriage," Institute of Social and Economic Research, Osaka University, Osaka, Japan, 18 November 1999.
- "We Are All Getting Older: A World Perspective on Aging and Economics," Invited Lecture for Tenth Anniversary of ICSEAD, Kitakyushu, Japan, 17 November 1999.
- "Economic Analyses of Population and Reproductive Health Program Approaches" (with Jim Knowles)," Washington, DC: World Bank (Core Course on Adapting to Change: Population, Reproductive Health and Health Sector Reform), 24 September 1999.
- "Population Change and Economic Performance in LAC," Breakout Session for World Bank's PREM Week 99 session on "It's Not Just Sex: Why Economists should be interested in the Population Debate" -- *A Balloon Debate on Population and Economic Development*, University of Maryland, College Park, Maryland, 14 July 1999.
- "The Impact of Development Policies and Programs on Poverty and Human Development: Framework and General Perspective," World Bank's PREM Week 99 session, University of Maryland, College Park, Maryland, 14 July 1999.
- "Issues Paper on the Role of Education Decentralization in Promoting Effective Schooling in Selected Asian Countries," Manila: Asian Development Bank, 13-14 June 1999.
- "The Intergenerational Benefits of Improved Post-Secondary School Quality: Does Increasing the Quantity and Quality of Women's or Men's Schooling Increase the Schooling of the Next Generation?" (with Mark R. Rosenzweig), Jerusalem, Israel: Department of Economics of Hebrew University Conference on School Reform, 24-26 May 1999.
- "Human Capital in Latin America around the End of the Century" (with Suzanne Duryea and Miguel Szekely) Washington, DC; Inter-American Development Bank Conference on IPES 2000, April 27-8, 1999.
- "In-Law Resources, Parental Resources and Distribution Within Marriage," University of Washington, Seattle, April 23, 1999.
- "In-Law Resources, Parental Resources and Distribution Within Marriage," Washington University, St. Louis, April 19, 1999.
- "Social Structure and Fertility Decisions: Evidence from S. Nyanya District, Kenya" (with Hans-Peter Kohler and Susan Cotts Watkins), Population Association of America Annual Meetings, New York, New York, March 25, 1999.
- "Gaps in Knowledge and Research Priorities Related to Poverty and Human Capital," Cambridge, MA: Harvard-ILO Transition Team Workshop Harvard Center for International Development, January 21-22, 1999.

- "Schooling in Asia: Selected Micro Evidence on Determinants and Effects and Policy Implications," American Committee on Asian Economic Studies-Chulalongkorn University International Conference, 16-18 December 1998, Bangkok, Thailand).
- "General Conceptual Framework for Micro Analysis of *PROGRESA* Impact" presented at IFPRI-*PROGRESA* Workshop on *PROGRESA* Evaluation 18 November 1998, *PROGRESA*, Mexico City
- "Why Micro Matters: Why a Micro Perspective on Population Change and Economic Development is Essential for Good Conditional Predictions and Policy Formation and Evaluation," Symposium on Population Change and Economic Development Conference Co-Sponsored by Rockefeller Foundation, Packard Foundation and the United Nations Population Fund (UNFPA), Rockefeller Foundation's Bellagio Center, Lake Como, Italy, November 2-6, 1998.
- "Social Mobility: Conceptual and Measurement Issues," Washington, DC: Brookings Institution Center on Social and Economic Dynamics/InterAmerican Development Bank Workshop on Social Mobility at the Brookings Institution, 4-5 June 1998.
- "Schooling Gaps, Family Background, and Macro Conditions in Latin America" (with Nancy Birdsall and Miguel Szekely), Washington, DC: Brookings Institution Center on Social and Economic Dynamics/InterAmerican Development Bank Workshop on Social Mobility at the Brookings Institution, 4-5 June 1998.
- "Analytical Framework for Dealing with Potential Non-Randomization of the Intervention," Washington, DC: International Food Policy Research Institute Conference on *PROGRESA* evaluation, May 11, 1998.
- "Economic Considerations for Analysis of Child Development Programmes," Workshop on Early Childhood Development, Wye College, Kent, England, 4-7 April 1998, Organized by The Centre for International Child Health, Institute of Child Health, University College London Medical School; UNICEF; and Sub Committee on Nutrition and Mental Development of the International Union of Nutritional Sciences.
- "Family Planning Diffusion and Social Interactions: What Does the Kenyan DHS Imply?" (with Hans-Peter Kohler and Susan Cotts Watkins), Chicago: Population Association of America, 2-4 April 1998.
- "Women's Schooling, Home Teaching, and Economic Growth" (with Andrew Foster, Mark R. Rosenzweig and Prem Vashishtha), Chicago: Population Association of America, 2-4 April 1998.
- "Women's Schooling, Home Teaching, and Economic Growth," Departments of Economics and Agricultural and Applied Economics, Virginia Polytechnic Institute and State University, 5 November 1997.
- "Empirical Household Economics and Human Resources," Departments of Economics and Agricultural and Applied Economics, Virginia Polytechnic Institute and State University, 1-4 November 1997.
- "Labor Markets in Developing Countries," in Conference for *Handbook of Labor Economics*, Vol. 3-4, Princeton University, September 5, 1997.
- "Population and Reproductive Health: An Economic Framework for Policy Evaluation," Meeting on preparatory analysis for Cairo plus 5 meeting, Rockefeller Foundation, New York, 27 August 1997.
- "Implications of Economic and Political Change for the Design and Implementation of Food and Nutrition Interventions," keynote speech for seminar on SADC Food Security Training Programme: Roles for Government in Health, Nutrition and Food Security 9-11 December 1996 Harare, Zimbabwe implemented by Southern African Regional Institute of Policy Studies (SARIPS) in collaboration with Commonwealth Regional Health Community Secretariat for Eastern and Southern Africa (CRHCS-ECSA).
- "Impact of College Quality Choices on Wages: Are There Differences Among Demographic Groups?" (with Jill Constantine, Lori Kletzer, Michael McPherson and Morton Owen Schapiro), Williams Project on the Economics of Higher Education Sixth Annual Conference, Williamstown, MA, 30 July 1996.
- "Information Perceptions and Quality Differentials in Social Services," Second National Seminar of ABT/Asian Development Bank/Government of Vietnam Financing of Social Services Project, 5-6 June 1996, Hanoi.
- "Human Resources in Pakistan," Washington, DC: World Bank, South Asia - Country Department I, 29 March 1996.
- "Schooling and Development: Empirical Measurement and Policy Issues," 23 February 1996, Program in Economic Policy Management, Columbia University, New York.
- "Schooling, Technological Change and Growth: The Indian Agricultural Experience," American Economic Association Session on "The Education-Growth Relationship: Microeconomic Foundations," AEA Annual Meetings, San Francisco, CA, 6 January 1996.
- "Schooling and Development: Empirical Measurement and Policy Issues," November 9, 1995, Center for Economic Development, Williams College, Williamstown, MA.
- "The Contribution of Improved Human Resources to Productivity" and "The Impact of Distributive Policies, Governmental Expenditure Patterns and Decentralization on Human Resources," Brainstorming Meeting on the Human Development Report 1996, 6-7 October 1995, United Nations Development Programme, New York.
- "Policy Framework for Social Services," First National Seminar of ABT/Asian Development Bank/Government of Vietnam Financing of Social Services Project, 24 August 1995, Hanoi.

- "Individual Endowments, College Choice and Wages: Estimates Using Data on Female Twins," Williams Project on the Economics of Higher Education (WPEHE) Fifth Conference, Williams College, Williamstown Ma, 7 August 1995.
- "The Pakistan 2010 Report: Human Resource Development and Economic Development into the Next Century," Islamabad, Pakistan, 4 May 1995.
- "The Dynamics of Agricultural Production and the Calorie-Income Relationship," MIT, Cambridge, MA, 24 April 1995.
- "Child Health and Schooling Achievement: Association, Causality, and Intrahousehold Allocations," Annual Meetings of Population Association of America, San Francisco, CA, 8 April 1995.
- "Individual Endowments, College Choice and Wages: Estimates Using Data on Female Twins," University of Western Michigan, Kalamazoo, Michigan, 22 March 1995.
- "From Parent to Child: Intrahousehold Allocations and Intergenerational Relations in the United States," University of Western Michigan, Upjohn Lecture Series, Kalamazoo, Michigan, 22 March 1995.
- "Individual Endowments, College Choice and Wages: Estimates Using Data on Female Twins," Michigan State University, East Lansing, Michigan, 23 March 1995.
- "Individual Endowments, College Choice and Wages: Estimates Using Data on Female Twins," University of Michigan, Ann Arbor, Michigan, 24 March 1995.
- "Industry and Social Integration," UNIDO Expert Meeting, Vienna, 10 January 1995.
- "Social Benefits of Education: Introduction, Conceptual and Measurement Issues, and Policies," Conference sponsored by Office of Research, U.S. Department of Education on "Social Benefits of Education," 4-5 January 1995, Washington, DC.
- "College Quality, Wages and Endowments: Estimates Using Data on Female Twins" (with Mark R. Rosenzweig and Paul Taubman), National Science Foundation/*Review of Economics and Statistics* Conference on "School Quality and Educational Outcomes," Harvard University, Cambridge, MA, 15-16 December 1994.
- "Gender Issues and Employment in Asia" (with Zheng Zhang), Asian Development Bank (ADB), Development Round Table (DRT) on Employment Creation for Broadly-Based Growth, 12-14 October 1994, Manila, Philippines.
- "Latin American Education in International Perspective: How Much? What Effects? What Policy Implications?" Panel on Higher Education Reform, Universidad Nacional de Colombia, October 20, 1994.
- "Endowments and the Allocation of Schooling in the Family and in the Marriage Market: The Twins Experiment," 11 October 1994, University of the Philippines, Manila, Philippines.
- "Three Lectures on Education in the United States: Private versus Public Education, Training and Lifetime Education, and Funding of Private Education," Universidad de Belgrano, Buenos Aires, Argentina, 22-24 August 1994.
- "The Evaluation of the Impact of and the Determinants of Human Resources on the Basis of Behavioral Data," Universidad de Belgrano, Buenos Aires, Argentina, 23 August 1994.
- "Human Capital and Locational Competition" (with Mark R. Rosenzweig), Kiel Week Annual Conference on "Locational Competition in the World Economy," Kiel Institute of World Economics, Kiel, German, 22-23 June 1994.
- "Impact of Health on Education," World Bank Workshop on Social Service Delivery, Washington, DC, 18 May 1994.
- "Human Resources in Latin America," Latin American Studies Association Annual Meetings, Atlanta, 11 March 1994.
- "Analysis of Household Behavior and PIDI (Programa Integrada Desarrollo Infantil)," La Paz, Bolivia, 25 February 1994.
- "Household Behavior and Micronutrients: What We Know and What We Don't Know," International Food Policy Research Institute Workshop on "Food Policy and Agricultural Technology to Improve Diet Quality and Nutrition," Annapolis, Maryland, USA, 9-12 January 1994.
- "Education and Economic Development," Global Education in the 21st Century -- Six Country Conference, Graduate School of Education, University of Pennsylvania, Philadelphia, PA, 13 December 1993.
- "Endowments and the Allocation of Schooling in the Family and in the Marriage Market: The Twins Experiment," UCLA-Rand Seminar, 4 November 1993.
- "Child Health and Schooling Achievement: Association, Causality, and Household Allocations," University of Southern California, 3 November 1993.
- "Human Resources in Latin America," Inter-American Development Bank, Washington, D.C., 27 September 1993.
- "Measuring the Cost-Effectiveness of Schooling Policies: Revisiting Issues of Methodology," International Symposium on the Economics of Education, British Council Manchester Headquarters 18-21 May 1993 at symposium is co-sponsored by the World Bank, Britain's Overseas Development Administration (ODA), the Deutsche Gesellschaft fuer Technische Zusammenarbeit (GTZ), and the British Council.
- "Endowments and the Allocation of Schooling in the Family and in the Marriage Market: The Twins Experiment," Virginia Polytechnical Institute and University, Blacksburg, Va, 16 April 1993.
- "Child Health and Schooling Achievement: Causality or Association?," Conference on "Households' Human Capital Investments and Benefits from Social Services," Washington, DC, World Bank, 23- 24 October 1992.

- "The Effect of Structural Adjustment on Food Policy and Nutrition," International Union for the Scientific Study of Population Seminar on the "Demographic Consequences of Structural Adjustment in Latin America," Belo Horizonte, Brazil, 29 September - 2 October 1992.
- "America and the Global Economy," Seminar for Pennsylvania State Senators, Philadelphia, PA, 1 October 1992.
- "The Economic Rationale for Investing in Health and Nutrition," World Bank, *World Development Report* Seminar, 24 September 1992.
- "Health and Economic Growth: Theory, Evidence, and Policy," WHO International Conference on Macroeconomics and Health in Countries in Greatest Need, 24-26 June 1992, Geneva.
- "Public Schooling Expenditures in Rural Pakistan: Efficiently Targeting Girls and a Lagging Region" (with Harold Alderman, Shahrukh Khan, David R. Ross, and Richard Sabot), Washington, DC: World Bank Conference on Targeting of Public Expenditures, 17-19 June 1992.
- "How Do Endowments Affect Own and Spouse Schooling? A Variance Components Model with Twin Data," University of Illinois, Urbana-Champaign 3 April 1992.
- "Improving the Quality versus Increasing the Quantity of Schooling for Women in Rural Pakistan," University of Illinois, Urbana-Champaign, 2 April 1992.
- "What Governments Want: Understanding Government Objectives in Higher Education Expenditures" (with Michael S. McPherson and Morton Owen Schapiro), American Economic Association Session on "Issues on Higher Education Finance," 3-5 January 1992, New Orleans.
- "Improving the Quality Versus Increasing the Quantity of Schooling" (with David Ross, Richard Sabot, and Matthew Tropp), Northeast Universities Development Consortium Conference, Cambridge, MA, HIID, 4-5 October 1991.
- "What Governments Want: Understanding Government Objectives in Providing State and Local Education Appropriations," Williams Project on the Economics of Higher Education Second Research Conference, Williamstown, MA, 15 July 1991.
- "Human Capital: An International Perspective on Bolivian Performance and Policy Options," Seminar on Structural Adjustment and Growth sponsored by UDAPE-HIID-USAID/Bolivia, La Paz, Bolivia, 7-8 June 1991.
- "Investing in Female Education for Development: Women in Development Strategy for the 1990s in Asia and the Near East," Washington, D.C.: USAID-Futures Group-GENESYS Conference, 15-16 May 1991.
- "The Gender Gap in Human Capital Accumulation in a Poor Rural Economy," New Haven, CN: Yale University, 22 April 1991.
- "The Impact of Women's Schooling on Nonmarket Outcomes in Developing Countries," Williamstown, MA: Center for Development Economics, 18 April 1991.
- "The Gender Gap in Human Capital Accumulation in a Poor Rural Economy," Philadelphia, PA: University of Pennsylvania, 17 April 1991.
- "The Quality of Schooling in Brazil and Labor Market Outcomes: Some Further Explorations" (with Nancy Birdsall and Robert Kaplan), Rio de Janeiro, Brazil: World Bank-Mellon Foundation project conference on "Education, Growth, and Inequality in Brazil and "Brazilian Education in International Perspective," 25-6 March 1991.
- "The Gender Gap in Human Capital Accumulation in a Poor Rural Economy," Storrs, CN: University of Connecticut, Agricultural Economics and Economics, 20 March 1991.
- "Framework for Analysis of Female Paid Labor Supply in Islamic EMENA Countries" (with Robert Moffitt), Washington: World Bank 14 March 1991.
- "The Gender Gap in Human Capital Accumulation in a Poor Rural Economy," Cambridge, MA: Harvard University, Kennedy School and Harvard Institute of International Development, 13 March 1991.
- "Gender Issues in Labor Markets and Household Behavior," Williamstown, MA: Williams College, Interdisciplinary Faculty Seminar Series, Center for Humanities and Social Sciences, 26 February and 5 March 1991.
- "The Allocation of Federal and State Student Aid Among Institutions of Higher Education: The Equity- Productivity Tradeoff and Unequal Concern" (with Michael S. McPherson and Morton Owen Schapiro), Williamstown, MA: Williams College, 12 December 1990.
- "The Gender Gap in Human Capital Accumulation in a Poor Rural Economy" (with Harold Alderman, David R. Ross, and Richard Sabot), Williamstown, MA: Williams College, 28 November 1990.
- "Wealth Model of Intrahousehold Allocation: Efficiency and Equity within the Family," Williamstown, MA, Williams College, 24 October 1990.
- "Microeconomic Foundations of Human Capital Formation," Seminar on the "Economics of Human Resources and Development," Washington, D.C.: World Bank Training Session on the Economic Analysis of Human Resources, 3 October 1990.
- "Comments on World Bank-Supported Adjustment Programs and Living Conditions," Washington, D.C.: World Bank Conference on Adjustment Lending, 13-14 September 1990.



"Effects of Health Conditions on Human Capital Formation: Length of School, Absenteeism, Achievement," National Research Council, Expert Meeting on "Economic Consequences of Health Programs in LDCs," Washington: 25-26 June 1990.

"Human Resources and Development. What are the Issues?" Philadelphia: University of Pennsylvania 250th Anniversary Panel, 10 June 1990.

"Factor Productivity and Economic Growth," Washington, D.C.: World Bank, 19 June 1990.

"Wealth Model of Intrahousehold Allocation: Efficiency and Equity within the Family," Santa Monica, CA: RAND Corporation, 24 April 1990.

"Macroeconomic Policies and Rural Poverty: Issues and Research Strategies," Manila, Philippines, Asian Development Bank, 13-15 March and 14-16 November, 1990.

"The Wealth Model: Efficiency in Education and Distribution in the Family," Seminar Series Winter 1990, Center for Studies in Demography and Ecology, University of Washington, Seattle, WA, 19 January 1990.

"Poverty and Adjustment -- The Empirical Evidence on Jamaica," World Bank seminar on Social Costs of Adjustment, Annapolis, MD, 28 November 1989.

"Wealth Model of Intrahousehold Allocation: Efficiency and Equity within the Family," University of Delaware, 14 November 1989.

"New Research on Poverty and Malnutrition: What are Implications for Research and Poverty," World Bank-International Food Policy Research Institute Poverty Research Conference, Airlie, VA, 28 October 1989.

"Time Use and Land Tenure," Conference on the Family, Gender Differences and Development," Yale University 4-6 September 1989.

"General Perspective on Adjustment and Social Sectors and Poverty," Panel on "Poverty and Income Distribution Implications of Adjustment," Seminar on "Collaborative Approaches to Economic Adjustment," Economic Development Institute, World Bank, 13 June 1989.

"Pre-School Age Children, Nutrition, Households and Information," Beyond Child Survival, A Rockefeller Foundation Program to Enhance Child Growth and Nutrition, 5-7 June 1989, Cornell University.

"Nutrition and Income in Developing Countries," "Gender Differences in Labor Market Returns to Schooling," and "Parental Schooling and Child Outcomes," Williams College, 4-5 May 1989.

"Wealth Model of Intrahousehold Allocation," Boston University, 13 April 1989.

"Schooling and Development," University of California, Riverside, 26 January 1989.

"Nutrients and Income," International Food Policy Research Institute Conference, Washington, D.C., 20 December 1988.

"Socioeconomic Development, Structural Adjustment, and Child Health and Mortality in Developing Countries," Baltimore, MD: The Johns Hopkins University, School of Hygiene and Public Health, Institute of International Programs, Conference on "Child Survival Programs: Issues for the 1990's," 21-22 November 1988.

"Interactions Among Poverty and Human Resources: What Do We and Do We Not Know," Wye, MD: World Bank PHN meeting, 17 November 1988.

"Income and Nutrient Intakes: The Link Still Appears Weak," International Food Policy Research Institute Conference on Nutrients and Income, Washington, D.C., 19 December 1988.

"Productivity and Competitiveness in Developing Countries" (with F. Gerard Adams and Michael Boldin), Social Science Research Council "Conference on International Productivity and Competitiveness," Stanford University, November 1988.

"Structural Adjustment Programs and the Social Sectors in Jamaica" (with Anil B. Deolalikar), World Bank, Washington, D.C., 13 October 1988.

"Nutrient Intakes and Income: Tightly Wedded or Loosely Meshed?" Pew/Cornell Lecture, Cornell University, Ithaca, New York, 4 October 1988.

"Age-Specific Death Rates: Black-White Differences" (with Robin Sickles, Paul Taubman, and Abdo Yabeck), Population Association of America Annual Meeting, Session on "Demography of Black Americans," New Orleans, 21-23 April 1988.

"Time-Use Determinants for Philippine Farmers" (with Leonardo Lanzona), Meeting of IRRI-Rockefeller Foundation Project on Favorable and Unfavorable Rice Production Areas, Bangkok, 21 November 1987.

Leading Indicators, Thailand Development Research Institute (TDRI) Macroeconomic Conference, Cha Am, Thailand, 17 October 1987.

"Nutrition, Preferences, Prices and Income" International Rice Research Institute (IRRI), Los Banos, Philippines, 17 September 1987; Thammasat University, Bangkok, 26 November 1987; Kasetsart University, Bangkok, 30 November 1987.

- "Intrahousehold Allocation of Nutrients and Gender Effects," Conference on "Poverty, Undernutrition and Living Standards," World Institute of Development Economic Research, The United Nations University, Helsinki, Finland, 26-31 July 1987.
- "Macroeconomic Adjustment, Household Food Consumption, Nutrient Intakes, and Health Status," Workshop on "Analytical Methods for Estimating Short-Term Nutritional and Poverty Effects of Macroeconomic Adjustment Policies in Developing Countries," Cornell University, Ithaca, NY, 30 June-2 July 1987.
- Labor supply relations in rural India (with Anil B. Deolalikar), Population Association of America Annual Meetings, Chicago, 30 April-2 May 1987.
- Survival functions for the elderly (with Robin Sickles and Paul Taubman), Population Association of America Annual Meetings, Chicago, 30 April-2 May 1987.
- "Determinants of Nutrient Consumption and Health Status of Individual Family Members in Rural India: A Latent Variable Analysis" (with Anil B. Deolalikar), Economic Demographic Workshop, Population Association of America Annual Meetings, Chicago, 29 April 1987.
- "Nutrition, Preferences, and Development Policy Modeling," Harvard University, 21 April 1987.
- "Nutrition, Preferences and Development," Pakistan Institute of Development Economics, Islamabad, Pakistan, 4 March 1987; Tribhuvan University-Nepal Family Planning Association, Kathmandu, Nepal, 8 March 1987.
- "Schooling in Developing Countries: What are the Patterns and What is Impact?" United States Educational Foundation, Kathmandu, Nepal, 9 March 1987; United States Information Service, Dakha, Bangladesh, 11 March 1987.
- "Priorities in Schooling and Nutrition Research," New ERA, Kathmandu, Nepal, 9 March 1987.
- "Intrahousehold Allocations: Equity Issues," Center for Women in Development, Kathmandu, Nepal, 10 March 1987.
- "Primary Commodity Instability and Economic Goal Attainment in Developing Economies," Institute of Business Administration, Karachi, Pakistan, 5 March 1987.
- Variety, Food Expenditure, and Nutrient Consumption (with Anil B. Deolalikar), American Economic Association Annual Meetings, New Orleans, 26-28 December 1986.
- Intra and Intergenerational Determinants of Schooling (with Robert A. Pollak and Paul Taubman), American Economic Association Annual Meetings, New Orleans, 26-28 December 1986.
- "Nutrition, Preferences, and Development," Miami University, Oxford, Ohio, 17 October 1986.
- "Intrahousehold Issues in Health and Nutrition," South Asia Seminar on "Well-Being: Nutrition, Health and Healing in South Asia," University of Pennsylvania, 1 October 1986.
- "Economics of Households in Developing Countries," Swarthmore College, 1 October 1986.
- "On financing education in developing countries," World Bank Education and Training Department workshop, Annapolis, MD, 28-29 August 1986.
- "Schooling in Developing Countries: What Countries are the Under- and Over-Achievers and What is the Schooling Impact?" Conference on "Economics of Education; Tackling the New Policy Issues," Institute de Recherche sur L'Economie de L'Education, Dijon France, 23-25 June 1986.
- "The Impact of Macroeconomic Stabilization Adjustments on Health and Nutrition," Second Takemi Symposium on International Health: "Health, Nutrition and Economic Adjustment: Achieving Better Health and Nutrition in Developing Countries in a World of Recurrent Economic Crisis," School of Public Health, Harvard University, 21-22 May 1986.
- "Health and Nutrition Determinants in Developing Countries," Cornell University, Ithaca, NY, 2 May 1986.
- "Wages and Labor Supply in Rural India: The Role of Health, Nutrition and Seasonality" (with Anil B. Deolalikar), Economic Demography Conference, 2 April 1986, San Francisco.
- "Seasonal Demands for Nutrient Intakes and Health Status in Rural South India" and "Seasonality in Labor Market Productivity as Related to Seasonality in Nutrients and Health Status" IFPRI/FAO/AID workshop on "Seasonal Causes of Household Food Insecurity, Policy Implementations and Research Needs," 10-13 December 1985, Annapolis, Maryland.
- "Health, Nutrition and Basic Needs," Author's Conference for Handbook of Development Economics, 18- 19 October 1985, HIID, Cambridge, Mass.
- "Nutrient Determinants in Rural South India: Prices and Preferences," 13 July 1985, Center for Economic and Social Studies, Nizamia Observatory Campus, Hyderabad, India.
- "Is the Impact of Schooling in Developing Countries Misunderstood?" 4 July 1985, Thammasat University, Bangkok, Thailand and 28 June 1985, University of Malaya, Kuala Lumpur, Malaysia.
- Country risk management in international trade and investment and on risk management and measurement, International Research and Marketing Inc/Wharton Econometrics/Lauder Institute Executive Planning Seminars, Tokyo, 24-25 June 1985.

"The Effect of Number and Position of Siblings on Child and Adult Outcomes: An Economic Perspective" (with Paul Taubman), American Association for the Advancement of Science Annual Meetings, 24- 29 May 1985, Los Angeles.

IMF stabilization policies, macro modeling for developing economies, the impact of schooling in developing economies, and individual nutrient determinants in developing economies, Institute Supérieur de Gestion and Faculté de Droit et des Sciences Economiques, Tunis, Tunisia, 3-13 May 1985.

The returns to schooling in developing countries and on individual nutrient determinants in rural India, Williams College, Williamstown, Mass., 18-19 April 1985.

Individual nutrient determinants in rural India, Princeton University, Princeton, NJ, 9 April 1985.

Determinants of individual nutrient intakes, health and labor market behavior (with Anil B. Deolalikar), PAA Economic Demography Workshop, 27 March 1985, Boston.

CET-CES-Generalized Leontief Profit Functions for Indian Agriculture (with C.A.K. Lovell, R. Pollak and R. Sickles), Econometric Society Annual Meetings, Dallas, 28 December 1984.

Birth order and intrafamilial allocations (with Paul Taubman), conference on "The Family and the Distribution of Economic Rewards," Brigham Young University, Provo, Utah, 20-22 September 1984.

Sex and intrafamilial allocations (with Robert Pollak and Paul Taubman), conference on "Economics of the Family," University of Pennsylvania, Philadelphia, 12-13 April 1984.

Intrahousehold allocations, Economics Department, Oberlin College, 15 March 1984.

Intergenerational correlations in earnings (with Paul Taubman), Econometric Society Meetings, San Francisco, December 29, 1983.

Multiproduct cost functions for Indian agriculture (with C.A. Knox Lovell, Robert Pollak, and Robin Sickles), Econometric Society Meetings, San Francisco, December 28, 1983.

Biases in earning functions if school quality is excluded, University of California, San Diego, 4 November 1983.

International commodity issues at Conference on Normative Issues in the North-South Dialogue, Department of Philosophy, Simon Fraser University, 14 October 1983.

School quality and quantity, Simon Fraser University, 13 October 1983.

Determinants of women's health status and health-care utilization in a developing country using a latent variable approach, NBER Conference on Productivity in Health, 18-20 August 1983, Stanford, CA.

Whether schooling is being oversold, University of Toronto, 14 March 1983.

Modeling financial sector in Latin American economies (with Edward Buffie), Inter-American Bank, Washington, 22 February 1983.

Global trade negotiations, IERC/ICIER Conference on Rethinking Global Negotiations, 6-8 January 1983, New Delhi.

Dynamic impact of minimum wages on earnings for major race-sex groups (with R. Sickles and P. Taubman), Econometric Society Annual meetings, New York, 29 December 1982.

Biases in standard estimates of returns to schooling in developing countries, Boston University, 5 November 1982.

Assortative mating and returns to schooling (with B.L. Wolfe), Population Association of American annual meetings, San Diego, 1 May 1982.

Micro migratory determinants (with B.L. Wolfe), Population Association of America annual meetings, San Diego, 1 May 1982.

Simulations of international commodity markets and implications for producers, Economics Program, ICRISAT, Hyderabad, India, 22 January, 1981.

The commodity problem and developing country producers, Institute für Agrarökonomie, Universität Göttingen, Germany, 26 February 1981.

Socioeconomic characteristics of women and degrees of urbanization (with B.L. Wolfe), Population Association of America annual meetings, Washington, D.C., 27 March 1981.

The commodity problem and goal attainment in developing countries, International Economics Seminar, London School of Economics and Political Science, 7 May 1981.

Export-led growth, human capital investments and growth and distribution, past quarter century of development experience and prospects for the 1980's, recent developments in thought on economic development, and international commodity markets and goal attainment in developing countries in New Delhi (9-12 May) and Calcutta (12-15 May), India; Lahore (16-17 May), Islamabad (17-18 May) and Karachi (18-20 May), Pakistan; Kathmandu, Nepal (21-25 May); Dacca, Bangladesh (25- 27 May); and Colombo, Sri Lanka (29-31 May), May 1981.

Empirical analyses of segmented markets for Latin American primary commodity exporters, INTAL seminar on "Políticas comerciales optimas," Buenos Aires, Argentina, June 22-24, 1981.

Commodity problem and developing countries, CIEPLAN, Santiago, Chile, 25 June 1981.

Overrated role of income in nutrition determination, AID, Washington, 22 September 1981.

Parental preferences and investment in children, Bristol, England, Bristol University, October 20, 1981.

Income and nutrition in developing countries, Institute for Development Studies, University of Sussex, Brighton, England, October 28, 1981.

Dubious benefits for developing countries from international commodity policies, Overseas Development Institute, London, December 9, 1981.

Analysis of Indian semi-arid tropical agricultural markets (with K.N. Murty), ICRISAT, Hyderabad, India, 30 December 1981.

Processing raw material commodities in developing countries, OECD, Paris, January 15-17, 1980.

Parental preferences and intrafamilial allocations, London School of Economics, London, February 1, 1980.

Women's earnings determinants in a developing country, Hyderabad, India: ICRISAT, February 11, 1980.

Household nutrition determinants in a developing country, Hyderabad, India: ICRISAT, February 25, 1980.

Market scenario analysis and village level studies, Hyderabad, India: ICRISAT, February 28, 1980.

Intrafamilial allocations of human capital, University of Nottingham, England, March 12, 1980.

Primary commodity markets and Latin America, NBER/FIPE Conference on Trade Prospects Among the Americas, Sao Paulo, Brazil, March 23-26, 1980.

The impact of changing population composition on the distribution of income in a developing country (with D.M. Blau and B.L. Wolfe), Population Association Annual Meeting, Denver, Colorado, 10-12 April 1980.

International commodity markets and development, Heidelberg University, Heidelberg, Germany, July 7, 1980.

Modeling international commodity markets and on applications, University of Mannheim, Mannheim, Germany, July 8, 1980.

Parental preferences and provision for progeny (with R.A. Pollak and P. Taubman), Fourth World Econometric Society Congress, Aix-en-Provence, France, August 28-September 2, 1980.

The commodity problem and goal attainment in developing countries, National Council for Applied Economic Research, New Delhi, India, May 2, 1980.

Women's labor force participation and wages and on household nutrition demands, AID, Washington, June 12, 1980.

Differential returns to women's human capital across regions and across sectors, Yale University Economic Growth Center Seminar, November 17, 1980.

Parental preferences and provisions for progeny, Williams College, December 12, 1980.

International commodity agreements, Center for Latin American Development Studies, Boston University, March 14, 1979.

UNCTAD Integrated Commodity Program, Harvard University, April 19, 1979.

Fertility and health and nutrition in a developing metropolis (with B.L. Wolfe), Population Association of America Meetings, Philadelphia, April 26, 1979.

Health and nutrition and fertility in a developing metropolis (with B.L. Wolfe), Eastern Economic Association Meetings, Boston, May 10, 1979.

Developing countries in the world economy, SRI/IMEMO Symposium on "Long Term Prospects for Development of the World Economy and Soviet-American Relations," Moscow, June 4-8, 1979.

Latin American nonfuel primary products, Wilson Center Latin American Program - United Nations Economic Commission for Latin America meeting on "A New Latin America in a Changing World Economy," Belmont Conference Center, Maryland, June 25-26, 1979.

Women's Role in Economic Development, AID, State Department, Washington, October 5, 1979.

UNCTAD Integrated Commodity Program, Cornell University, February 22, 1978.

Women's fertility, health and nutrition, education, earnings, and labor force participation in an urban area of a developing country (with B.L. Wolfe), Western Economic Association, Hawaii, June 20-26, 1978.

International inequality, Northwestern University, Evanston, Illinois, June 12, 1978.

UNCTAD Integrated Commodity Program, University of California, Berkeley, April 19-20, 1978.

Impact of UNCTAD Integrated Commodity Program on Latin America (with Pranee Tinakorn), ESAN- NBER Conference on "Commodity Markets, Models and Policies in Latin America," Lima, Peru, May 11-13, 1978.

Impact of international commodity markets on developing economies, (with F.G. Adams and R. Roldan), American Economic Association Annual Meetings, Chicago, August 29, 1978. (1) interrelations between international commodity markets and goal attainment in developing economies and (2) model specification, AID, Washington, August 23, 1978.

International commodity policies and issues and proposals for reform, Washington, The Brookings Institution Advanced Study Program Seminar for Asia/Pacific Leaders on International Economic Interdependence, October 6, 1978.

Modeling interaction between international commodity markets and developing economies, Washington, Development Research Center, International Bank for Reconstruction and Development, October 16, 1978.

Benefits from international commodity market reforms to developing countries, University of Michigan, Ann Arbor, November 14, 1978.

UNCTAD IV proposals for international commodity agreements, International Economic Workshop, North Carolina State University at Raleigh, February 3, 1977.

International commodity agreements, McMaster University, Hamilton, Ontario, February 16-17, 1977.

The integrated commodity plan and common fund of UNCTAD, Ford Foundation Conference on "Stabilizing World Commodity Markets - Analysis, Practice, and Policy," Virginia, March 17-20, 1977.

UNCTAD International Commodity Program, Overseas Development Council, Washington, D.C., June 8, 1977.

New International Economic Order, Advanced Seminar for Asia/Pacific Leaders on International Economic Interdependence, The Brookings Institution, Washington, D.C., October 3, 1977.

Macroeconomic modeling in developing countries, Sir George Williams Campus, Concordia University, Montreal, March 5, 1976.

Controlling for and measuring genetic and environmental effects on equations for schooling and labor market success (with P. Taubman and T.J. Wales), MSSB conference on effects of family on labor market success, Williamstown, May 24-27, 1976.

Quarterly macroeconometric model of Panama, Ministerio de Plantificacion y Politica Economia, Panama, June 14-16, 1976.

Determinants of inter- and intra-generational distributions of earnings, education, and occupational status, Institute for Research on Poverty Seminar, University of Wisconsin, December 15, 1976.

Foreign-sector regimes and economic development in Chile, NBER-ECLA Conference, Bogota, Colombia, April 1975.

World econometric commodity market models (with F.G. Adams), Third World Congress of the Econometric Society, Toronto, Canada, August 20-26, 1975.

Problems in econometric modeling of Latin America (with James A. Hanson), NBER-ILPES-Ministry of Planning Conference on Short-Term Macroeconomic Policy in Latin America, Panama, October 31- November 2, 1975.

Intergenerational transmission of income and wealth (with Paul Taubman), American Economic Association Meetings, Dallas, December 1975.

Modeling stabilization policies in open developing economies, International Seminar in Public Economics - Federal Reserve Bank of Boston, Conference on International Aspects of Stabilization Policies, Williamstown, Massachusetts, June 9-12, 1974.

Econometric modeling of national income determination in developing countries, NBER-El Colegio de Mexico Conference on the Use of Econometric Models in Latin America, November 27-29, 1974.

Use of macroeconometric models of developing countries, Development Research Center Seminar, I.B.R.D., November 21, 1972.

Econometric model of Chile, Harvard University Seminar on Economic Development, April 12, 1971.

Short-run flexibility in a developing economy, Williams College, Economics Department Seminar, November 8, 1971.

Chilean macroeconometric model, semi-annual meetings of WEFA-Mexico project, Mexico City, August 3- 4, 1970.

Short-run flexibility in a developing economy, Second World Congress of the Econometric Society, Cambridge, England, September 8-14, 1970.

Sectoral econometric model of Chile, seminar on economic development, Department of Economics, Universidad Catolica, Santiago, Chile, May 1969.

Phillips' curves in an inflationary developing economy, Instituto de Economia, Universidad de Chile, July 1969.

Short-term stabilization model of Chile, ODEPLAN internal seminars, Santiago, Chile, April-May 1969.

"Econometric models of mineral commodity markets: uses and limitations," A.I.M.E. Meetings, February 26, 1968.

Thai model of economic growth, Economic Development Seminar, Cornell University, April 1968.

Thai agricultural supply response, Agricultural Economics Workshop, University of Chicago, January 17, 1967.

Intracountry agricultural variations in Thailand, panel on "Asian Agricultural Prospects: The Significance of Intracountry Variations," Association for Asian Studies, Chicago, March 22, 1967.

Economic aspects of U.S. involvement in Thailand, Conference on "U.S. Involvement in Thailand," Foreign Policy Roundtable, Washington University, St. Louis, May 5-6, 1967.

Thai agricultural supply response, panel on "Conference Studies in the History of the Modernization of Agriculture," International Congress of Orientalists, Ann Arbor, August 12-20, 1967 (abstract in Proceedings, (ed.), by Denis Sinor, 1971).

Peasant behavior and supply response, University of Minnesota, November 2, 1967.

Estimation of price elasticity of marketed surplus, Agricultural Development Council/University of Minnesota Seminar on "Supply and Market Surplus Relationships in Peasant Agriculture," Minneapolis, February 19-20, 1966.

Implications of possible international cocoa agreements, African Studies Association panel on "International Trade and Monetary Problems of African Development," Bloomington, Indiana, October 30, 1966.

Demand for cocoa, Econometric Society/American Farm Economic Association panel on "Measuring Supply and Demand in Underdeveloped Agriculture," Chicago, December 27-30, 1964.