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Date of Birth: May 24, 1940 Place of Birth: Ames, Iowa

**Education:** BA 1961 Swarthmore College PhD 1966 Massachusetts Institute of Technology

### Scholarships, Fellowships, Honors

Carnegie Fellowship for European Studies, 1960 Woodrow Wilson Fellowship, 1961-62 M.I.T. Fellowship, 1962-63 Research Fellow, Harvard Center for International Affairs, 1963-64 Ford Foundation Dissertation Fellowship, 1964-65 Member, IUSSP, 1972 - Present Director, Population Association of America, 1979-81 Fellow, American Association for the Advancement of Science, 1980 Hooker Distinguished Visiting Professor, McMaster University, 1983 Member, Conference on Income and Wealth, NBER, 1984-90 Director, Society for the Study of Social Biology, 1986-90 Senior Research Fellow, Institute for Policy Reform, USAID, Washington, D.C., 1990-94 President, European Society for Population Economics, 1997; Council. 1992-2004 Board of Trustees, Economic Research Forum for Arab Countries, Iran and Turkey, 1993-2001 Research Fellow, Institute for the Study of Labor (IZA), Bonn, Germany, 1999. National Associate, National Academies of Sciences, Engineering and Medicine, December 2001. Senior Fellow. Bureau for Research and Economic Analysis of Development. November 2002. Irene B. Taeuber Award for Research by the Population Association of America, March 2007. Scientific Committee, RIAD; Advisory Committee, Economic Research Forum for Arab Countries, Iran and Turkey, 2009-. Econometrics Society Fellow, 2010

### **Professional Employment**

Intern, Council of Economic Advisers, Washington, DC, Summer, 1962 Consultant with Joint Economic Committee, Washington, DC, 1964 Economics Department, Rand Corporation, 1965-72 Director of Population Research, Rand Corporation, 1967-72

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**E-mail:** paul.schultz@yale.edu http://www.econ.yale.edu/~pschultz/ Professor of Economics, University of Minnesota, 1972-75 Professor of Economics, Yale University, 1974-Emeritus Malcolm K. Brachman Professorship, Yale University, 1977- Emeritus Director of Economic Growth Center, Yale University, 1983-92, 1993-96

#### Advisory and Other Professional Activities

- 1968-71 Research Advisory Panel, Center for Population Research, National Institute of Child Health and Human Development, NIH,
- 1974-78 Population Research Committee Chairman 1977-78
- 1986 Five Year Review DBSB
- 1970-71 Ad Hoc Committee of Experts on Programmes in Demographic Aspects of Economic Development for the UN,
- 1971-78 Steering Group, World Employment Project, ILO,
- 1970-74 Social Science Advisory Committee, Planned Parenthood World Population
- 1969-71 National Academy of Sciences, Study Group on Population Change and Their Implications for National and International Policy,

Consultant: Rockefeller Foundation, World Bank, AID, Ford Foundation, ILO, NIH, IADB

- 1972-75 Executive Committee, Economic Development Center, University of Minnesota,
- 1972-77 Ford-Rockefeller Population Policy Program Reader Advisor,
- 1972-76 Smithsonian Institution Population Research Program, Reader and Editorial Board,
- 1974-75 Member Program Committee, Third World Congress of Econometric Society,
- 1975 Executive Committee, Yale Economic Growth Center,
- 1976 AAUP advisory group to oversee a comprehensive review of staffing problems in the academic community
- 1976-77 National Academy of Sciences World Food and Nutrition Study--lead analyst and member of study team on Population Health Interactions
- 1976-79 NBER-Trade and Employment Strategies Project, USAID, A.O. Krueger, Director,
- 1976-79 Research Advisory Council--Rand/Yale/USAID project on Studies in Income Distribution in Less Developed Countries,
- 1977-79 Yale University, Chairman-Committee on the Economic Status of the Yale Faculty
- 1977-80 AAUP advisory group, Committee Z
- 1977-81 ECIEL Advisor, Program of Joint Studies of Latin American Economic Integration, Labor Force Participation, Rio de Janeiro, Brazil,
- 1979-81 AAUP advisory group Special Committee on Retirement
- 1979-81 Advisor to Office of Technology Assessment Project on Technology and World Population,
- 1979-81 Population Association of America, Finance Committee Chairman
- 1979-82 Social Science Research Council, Subcommittee on Population Studies and Latin America,
- 1978-82 National Advisory Committee of the 1940 and 1950 U.S. Census Public Use Sample Project, NSF
- 1979-86 Social Science Advisory Committee, Population Resource Center,
- 1979-86 Yale University, Committee on Sponsored Research
- 1979-91 Population Association of America, Public Affairs Committee;
- 1980-86 U.S. Bureau of the Census Advisory Committee on Population Statistics
- 1981-88Editor for Economic Demography, in the Encyclopedia of Economics and Fundamentals<br/>of Pure and Applied Economic Research
- 1981-96 Editor, <u>Research in Population Economics</u>, JAI Press
- 1984-85 U.S. Bureau of the Census Advisory Committee on Population Statistics, Chairman
- 1984-85 Population Association of America Nominating and Tauber Award Committees

- 1984-86 Yale University, Committee on Senior Appointments in the Division of Physical Sciences and Engineering 1984-86 National Academy of Sciences: Working Group on Population Growth and Economic Development, Under Committee on Population 1984-88 NSF, Panel member, Measurement, Methods and Data Improvement Program Co-editor, Johns Hopkins University Press, Economic Development Series 1984-00 National Academy of Sciences, Working Group on Causes and Consequences of 1985 Demographic Change, Under Committee on Basic Research in the Behavioral and Social Sciences 1985-90 American Association for the Advancement of Science, member Committee on Population, Resources and the Environment National Academy of Sciences, Committee on Population 1986-89 American Association for the Advancement of Science Nominations committee for 1987-89 Social. Economic and Political Science electorate 1988-90 American Economics Association Commission on Graduate Education in Economics 1989-91 Philippines Institute for Development Studies, Research Advisory Committee 1989-92 Yale University, Executive Committee of the Graduate School 1990-93 National Academy of Sciences, Committee on Population Technical Advisory Group to the Evaluation Project, Carolina Population Center, Chapel 1991-96 Hill. North Carolina 1991-2001 Editor, Journal of Population Economics; Associate Editor, 2002- Present Associate Editor, Economics of Education Review 1993-2004 1994-2005 Associate Editor, China Economic Review 2002-Present Associate Editor Economics and Human Biology 2003-Present Associate Editor, Economic Development and Cultural Change 1995 AEA Program Committee San Francisco Yale University, Senior Appointments Committee Biological Sciences and Medical 1995-96 School 1995-97 Yale University, Committee on Faculty Retirement Issues **AEA Nominations Committee** 1996-97 1996-03 National Academy of Sciences, Commission on Behavioral and Social Sciences and Education; changed name to Division Committee for the Behavioral and Social Sciences and Education (DBASSE). 1996-2000 External Advisory Committee, International Food Policy Research Institute 1997-2000 Technical Advisory Group to the Evaluation Project, Carolina Population Center, Chapel Hill. North Carolina 1999-2002 Scientific Advisory Board of the Heidelberg University Interdisciplinary Research Program on Tropical Medicine, Germany
- 2001-2003 Yale, Appointments and Promotions Committee for Epidemiology and Public Health.

# **Publications**

<u>The Distribution of Personal Income</u> study for the Joint Economic Committee, Congress of the United States, GPO, Washington, D.C., December 1964.

Family Planning Hypothesis: Some Empirical Evidence from Puerto Rico, RM-5405, The Rand Corp., Santa Monica, CA, 1967.

"Secular Equalization and Cyclical Behavior of Income Distribution," <u>Review of Economics and</u> <u>Statistics</u>, 50:2(1968). Returns to Education in Bogota, Colombia, RM-5645, The Rand Corp., Santa Monica, CA, 1968.

"Secular Trends and Cyclical Behavior of Income Distribution in the United States: 1944-1965" in <u>Six</u> <u>Papers on the Size Distribution of Wealth and Income</u> (ed.) L. Soltow, <u>Studies in Income and Wealth</u>, No. 33, National Bureau of Economic Research, New York 1969.

Population Growth and Internal Migration in Colombia, RM-5765, The Rand Corp., Santa Monica, CA, 1969.

"Demographic Conditions of Economic Development" in <u>Latin America: Problems in Economic</u> <u>Development</u>, New York: Free Press, 1969.

"An Economic Model of Family Planning and Fertility," <u>Journal of Political Economy</u>, 77:2(1969) (reprinted in <u>The Economics of the Family</u> (ed.) N. Folbre, London: Edward Elgar Pub.).

<u>Colombian Development Policy</u> (with R.R. Nelson and R.L. Slighton), R-461, The Rand Corp., Santa Monica, CA, 1969.

"Population Growth: Investigation of a Hypothesis," P-4056-1, The Rand Corp., Santa Monica, CA, 1969.

"Effectiveness of Family Planning in Taiwan: A Proposal for a New Evaluation Methodology." (Presented at the Population Association of America, Atlantic City Meetings, April 10, 1969).

"Evaluation of Population Policies: A Framework for Analysis and Its Application," P-4253, The Rand Corp., Santa Monica, CA, 1969. (Presented at the American Association for the Advancement of Science Meetings, Boston, December 1969).

"Discussion of Papers on the Personal Distribution of Income," <u>American Economic Review</u>, 60:2(1970).

Love and Life between the Censuses: A Model of Family Decision-Making in Puerto Rico (with Marc Nerlove), RM-6322, The Rand Corp., Santa Monica, CA, 1970.

<u>Analysis of Demographic Change in East Pakistan: A Study of Retrospective Survey Data</u> (with Julie DaVanzo), R-564, The Rand Corp., Santa Monica, CA, 1970.

<u>Structural Change in a Developing Economy: Colombia</u> (with R.R. Nelson and R.L. Slighton), Princeton, N.J.: Princeton University Press, 1971.

"The Economics of Population Policy: A Neglected Field of Priority Research," P-4637, The Rand Corp., Santa Monica, CA, 1971 (Published by Population Crisis Committee).

"Rural-Urban Migration in Colombia," Review of Economics and Statistics, 53:2(1971).

"Discussion on 'Does Population Adjust to the Environment,' by Richard Easterlin," <u>American Economic</u> <u>Review</u>, 61:2(1971).

Evaluation of Population Policies: A Framework for Analysis and its Application to Taiwan's Family Planning Program, R-643, The Rand Corp., Santa Monica, CA, 1971.

"An Economic Perspective on Population Growth," in <u>Rapid Population Growth</u>, National Academy of Sciences, Baltimore MD: Johns Hopkins University Press, 1971).

"A Framework for Analysis and Its Application to Taiwan's Family Planning Program," P-4674, The Rand Corp., Santa Monica, CA, 1971. (Presented at the Symposium on Statistical Problems of Population Research, Honolulu, August 2-6, 1971).

"Factors Affecting Fertility and Statistical Inference: A Comment," P-4691, The Rand Corp., Santa Monica, CA, 1971. (Presented at Symposium cited in the preceding entry P-4674).

"The Effectiveness of Population Policies Alternative Methods of Statistical Inference," P-4663, The Rand Corp., Santa Monica, CA, 1972. (Presented at the Fourth Conference on the Mathematics of Population, Honolulu, July 28-August 1, 1971).

"Long Term Change in Personal Income Distribution: Theoretical Approaches Evidence and Explanation," abstracted in <u>American Economic Review</u>, 62:2(1972). Also P-4667, January 1972.

"An Information Strategy for Improving Population Policy in Low-Income Countries" (with William Butz), P-4802. The Rand Corp., Santa Monica, CA, 1972.

"The Decline of Fertility and Child Mortality in Bangladesh," <u>Demography</u>, 9:3(1972)415-430.

"Changing Balance in Births and Death: A Comment," in <u>Are Our Descendants Doomed: Technological</u> <u>Change and Population Growth</u>, New York: Viking Press, 1972.

"Estimating the Regional Impact of Federal Income Maintenance Programs," The Rand Corp., Santa Monica, CA, P-4818, 1972. (Presented at conference published by Economic Development Administration).

<u>A Population Projection Model: Description of a Computer Program and Illustrations of Its Policy</u> <u>Applications</u> (with K. Maurer), R-953, The Rand Corp., Santa Monica, CA, 1972.

<u>Disequilibrium and Variation in Birth Rates Over Space and Time: A Study of Taiwan</u>, R-1079, The Rand Corp., Santa Monica, CA, 1972.

<u>Fertility Patterns and Their Determinants in the Arab Middle East</u>, RM-5978-FF, The Rand Corp., Santa Monica, CA, 1970; also in <u>Economic Development and Population Growth in the Middle East</u>, (eds.) C.A. Cooper and S.S. Alexander, New York: American Elsevier, 1972.

"Love and Life Between the Censuses" (with Marc Nerlove), <u>Structural Equations Models in the Social</u> <u>Sciences</u> (eds.) A. Goldberger and O.D. Duncan, New York: Seminar Press, 1973.

"Explanations of Birth Rate Change over Space and Time: A Study of Taiwan," <u>Journal of Political</u> <u>Economy</u>, 81:2, pt. II,(1973)S238-S274.

Marriage, Fertility and Labor Force Participation of Thai Women: An Econometric Study (with R. Ratajczak and K. Maurer), R-829, The Rand Corp., Santa Monica, CA, 1973.

"A Preliminary Survey of Economic Analysis of Fertility," <u>American Economic Review</u>, 63:2(1973). <u>Fertility Determinants: A Theory Evidence and an Application to Policy Evaluation</u>, R-1016, The Rand Corp., Santa Monica, CA, 1974. "Comments on Tomas Frejka's The Future of Population Growth," <u>Demography</u>, 11:2(1974)359-360.

"La Distribucion del Ingreso Urbano en una Economia Dual," (with R.R. Nelson and R.L. Slighton), in <u>Lecturas Sobre Desarrollo Economico Colombiano</u>, (eds.) H. Gomez Otalora and E. Wiesner Duran, FEDESARROLLO, Bogota, Colombia, 1974.

<u>The Estimation of Labor Supply Functions For Married Women</u>, R-1265, The Rand Corp., Santa Monica, CA, 1975.

"What Are Appropriate Criteria for Allocating Education Resources in Colombia," 24th Latin American Conference on <u>Population Growth and Human Productivity</u>, University of Florida Press, 1975.

"Internal Migration in Venezuela: An Application of the Polytomous Logistic Model," paper presented at Third World Congress of the Econometrics Society, Toronto, August 1975.

"Comment on James Heckman's Estimates of a Human Capital Production Function Embedded in a Life Cycle Model of Labor Supply," in <u>Household Production and Consumption</u>, (ed.) N.E. Terleckyj, Income and Wealth Conference No. 40, National Bureau of Economic Research, New York: Columbia University Press, 1975.

"Long Term Change in Personal Income Distribution: Theoretical Approaches, Evidence and Explanations," in <u>The Inequality Controversy</u>, (eds.) D.M. Levine and M.J. Bane, New York: Basic Books, 1975.

"Determinants of Fertility: A Micro Economic Model of Choice," in <u>Economic Factors in Population</u> <u>Growth</u>, (ed.) A.J. Coale, International Economic Association, New York: Halsted Press, 1976.

"Interrelationships between Mortality and Fertility," in <u>Population and Development: The Search for</u> <u>Selective Interventions</u>, (ed.) R.G. Ridker, Baltimore, MD: Johns Hopkins University Press, 1976.

"The Influence of Fertility on the Labor Force Behavior of U.S. Married Women," Technical Analysis Paper, ASPER, Dept. of Labor, 1977, reprinted in <u>Research in Labor Economics</u>, Vol. II, (ed.) R.G. Ehrenberg), Greenwich, CT: JAI Press, pp. 273-351, 1978.

"Bhagwati's Brain Drain Taxation Proposal," review, Journal of Development Economics, 4:2(1977).

"Sources of Income Variation in Colombia: Personal and Regional Effects," (with Gary S. Fields), Economic Growth Center Discussion Paper No. 262, 1977.

"Estimating Labor Supply Functions for Married Women,"in <u>Female Labor Supply; Theory and</u> <u>Estimation</u>, (ed.) J.P. Smith, Princeton, New Jersey: Princeton University Press, 1980.

"Fertility and Child Mortality Over the Life Cycle," American Economic Review, 68:2(1978)208-215.

"Current Developments in the Economics of Fertility," International Union for the Scientific Study of Population Conference, (Helsinki, August 1978), <u>Economic and Demographic Change</u>, Liege, Belgium: Ordina Publishing, 1978.

"Fertility Differences between Working and Nonworking Wives," paper presented at Population Association of America Meeting, Atlanta, April 1978.

"Regional Inequality and Other Sources of Income Variation in Colombia," (with G.S. Fields), <u>Economic</u> <u>Development and Cultural Change</u>, 28:3(1980)447-467.

"The Impact of Federal Retirement-Age Legislation on Higher Education," (with other authors), <u>AAUP</u> <u>Bulletin</u>, 64:3(1978).

"Demography and Development in the 1980s," (with N. Birdsall, J. Fei, S. Kuznets, and G. Ranis) in <u>World Population and Development</u>, (ed.) Philip Hauser, Syracuse: Syracuse University Press, 1979.

"Interpretation of Relations among Mortality, Economics of the Household, and the Health Environment," in <u>Socioeconomic Determinants and Consequences of Mortality Differentials</u>, Geneva: WHO, 1980.

"Women's Work and Their Status: Rural Indian Evidence of Labor Market and Environment Effects on Sex Differences in Childhood Survival," ILO Workshop, Geneva, November 1978, in <u>Women's Roles and Population Trends in the Third World</u>, (eds.) R. Anker, M. Buvinic and N. Youseff, London: Croom Helm Ltd. 1982.

"Effective Protection and the Distribution of Personal Income by Sector in Colombia" (Economic Growth Center Discussion Paper No. 316, 1979) in <u>Trade and Employment in Developing Countries</u>, (ed.) A. Krueger, National Bureau of Economic Research, Chicago: University of Chicago Press, 1982.

"El Retorno a la Educacion en Bogota", in <u>Economia y Educacion: Antologia de Estudios Colombianos</u>, (eds.) C. Rojas de Ferro and M. Ferro Calvo, Bogota, Colombia: Universidad de los Andes, 1980.

"An Economic Interpretation of the Decline in Fertility in a Rapidly Developing Country," in <u>Population</u> <u>and Economic Change in Developing Countries</u>, (ed.) R.A. Easterlin, Chicago: University of Chicago Press, 1980.

"Explorations of Taiwan Cohort Fertility," in <u>Rural Household Studies in Asia</u>, (eds.) H.P. Binswanger, R.E. Evenson, C.A. Florencio and B.N. White, Chapter 5, Singapore: Singapore University Press, 1980.

"Migrant and Native Fertility at Destination in Colombia in 1973: Are Migrants Selected According to Their Reproductive Preferences" (with H. Ribe), presented at Population Association of America meetings, Denver, April 1980, (Economic Growth Center Discussion Paper No. 355, 1980).

"Market Opportunities, Genetic Endowments and the Intrafamily Distribution of Resources: Child Survival in Rural India," (with M.R. Rosenzweig), <u>American Economic Review</u>, 72:4(1982)803-815.

"Household Sector and Population Projections: Methodological Issues," U.S. Census Bureau meeting on Demographic Econometric Analysis of Household Sector, Washington, D.C., October 3, 1980.

"Assessing the Causes and Consequences of the Incidence of Disease and Death," in Workshop on the Development of Guidelines to Assess the Social and Economic Consequences of Tropical Disease, World Health Organization, Geneva. TDR/SER/SWG(2)/80.WP7. October 1980.

Economics of Population, Reading, MA: Addison-Wesley Publishing Company, 1981.

"Specification Biases in Estimating the Influence of Child Mortality on Fertility," (with B.S. Lee) (Economic Growth Center Discussion Paper No. 369, 1981).

- "Child Mortality and Fertility in Colombia: Individual and Community Effects," (with M.R. Rosenzweig) <u>Health Policy and Education</u>, 2(1982):305-348.
- "Notes on the Estimation of Migration Decision Functions," in <u>Migration and the Labor Market in</u> <u>Developing Countries</u>, (ed.) R.H. Sabot, Boulder, Colorado: Westview Press, 1982.
- "Individual and Per Capita Family Income Inequality, and Family Market and Full Income," presented at IUSSP meetings, Honolulu, April 1981.
- "Age of Individuals and Family Composition as Factors Underlying the Distribution of Personal Income," Economic Growth Center Discussion Paper No. 383, 1981. Reprinted in <u>International Population</u> <u>Conference</u>, Manila, Solicited Paper, Vol. 3, IUSSP, Liege, Belgium, 1981.
- "The Behavior of Mothers as Inputs to Child Health," (with M.R. Rosenzweig) in <u>Economic Aspects of</u> <u>Health</u>, (ed.) Victor Fuchs, Chicago: University of Chicago Press, 1982.
- "Education and the Household Production of Child Health," (with M.R. Rosenzweig) in <u>1981 Social</u> <u>Statistics Section Proceedings of the American Statistical Association</u>, 1982.
- "Income Generating Functions in a Low Income Country: Colombia," (with G.S. Fields), <u>Review of</u> <u>Income and Wealth</u>, Series 28, No. 1 (1982).
- "Lifetime Migration within Educational Strata in Venezuela," <u>Economic Development and Cultural</u> <u>Change</u>, 30:2(1982)559-593.
- "Implications of Child Mortality Reductions for Fertility and Population Growth in Korea," (with B.S. Lee) <u>Journal of Economic Development</u>, 7:1(1982).
- "Women and Economics of the Family," presented at Rockefeller Foundation Conference, Mt. Kisco, NY, July 1982.
- "Extending Economic Research Using Household and Community Data," SSRC Conference, Ixtapan de la Sal, Mexico, August 1982.
- "Family Composition and Income Inequality," <u>Population and Development Review</u>, 8 suppl. (1982):137-150.
- "Estimating a Household, Production Function: Heterogeneity The Demand for Health Inputs, and The Effects on Birthweight", (with M.R. Rosenzweig) <u>Journal of Political Economy</u>, 91:5 (1983) 723-746.
- "Discussion of Education and Economic Growth in Taiwan: The Mechanism of Adjustment," <u>Experiences</u> <u>and Lessons of Economic Development in Taiwan</u>, The Institute of Economics, Academica Sinica, Taipei, Taiwan, ud (1983).
- "World Population Developments and Household Economics: A Post Malthusian Perspective," lecture at McMaster University, Hamilton, Canada, March 9, 1983.
- "A Review of Caldwell's Theory of Fertility Decline," <u>Population and Development Review</u>, 9:I (1983)161-167.

- "Migrant Behavior and the Effects of Regional Prices," presented at Population Association of America annual meetings Pittsburgh, April 1983. Economic Growth Center Discussion Paper No. 443, 1983.
- "Consumer Demand and Household Production: The Relationship between Fertility and Child Mortality," (with M.R. Rosenzweig) <u>American Economic Review</u>, 73:2(1983)38-42.
- "Short Run Fluctuations in Fertility and Mortality in Pre-Industrial Sweden" (with Z. Eckstein and K. Wolpin), <u>European Economic Review</u>, 26: 295-317, November 1985.
- "The Schooling and Health of Children of U.S. Immigrants and Natives," <u>Research in Population</u> <u>Economics</u>, 5:251-288, Greenwich, CT: JAI Press, 1984.
- "Market Opportunities, Genetic Endowments and Intrafamily Resource Distribution: Reply," (with M.R. Rosenzweig), <u>American Economic Review</u>, 74:3(1984)521-22.
- "Studying the Impact of Household Economic and Community Variables on Child Mortality," <u>Population</u> and <u>Development Review</u>, 10 Suppl.(1984):215-235.
- "The Supply and Demand of Births, and Their Life-Cycle Consequences" (with M.R. Rosenzweig), <u>American Economic Review</u>, 75:5(1985)992-1015.

"Household and Community Variables as Determinants of Mortality," (F.5.3) <u>International Population</u> <u>Conference</u>, Florence, June 5-12, 1985, International Union for the Scientific Study of Population, Ordina Press: Liege, Belgium, 1985.

"Changing World Prices, Women's Wages, and the Fertility Transition: Sweden 1860-1910," <u>Journal of</u> <u>Political Economy</u>, 93:6(1985)1126-1154.

"The Fertility Revolution: A Supply-Demand Analysis - A Review Essay," <u>Population and Development</u> <u>Review</u>, 12:1(1986)127-140.

"The Adaptive Development of Public Educational Systems," in <u>Technology, Human Capital and the</u> <u>World Food Problem</u>, A von Humboldt Award Colloquium, St. Paul, MN: University of Minnesota, Department of Agriculture and Applied Economics, Misc. Pub. 37, 1986.

"Short Term Changes in Economic and Demographic Variables: Comparisons of Preindustrial English and Swedish Time Series," presented at 9th International Economic History Conference, Bern, Switzerland, August 1986.

"The Value and Allocation of Time in High Income Countries: Implications for Fertility," <u>Population and</u> <u>Development Review</u>, 12 Suppl.(1986):87-108.

"Population Development and Income Distribution," Book Review, <u>Journal of Development Economics</u>, 20(1986):399-402.

"School Expenditures and Enrollments 1960-1980: The Effects of Income, Prices and Population Growth," in National Academy of Sciences report on <u>Population Growth and Economic Development</u>, (eds.) D.G. Johnson and R. Lee, Madison, WI: University of Wisconsin Press, 1987.

"Fertility and Investment in Human Capital: Estimates of the Consequences of Imperfect Fertility Control in Malaysia," (with M.R. Rosenzweig), Journal of Econometrics, 36(1987):163-184.

"Education Investments and Returns," in <u>Handbook of Development Economics</u>, Vol. I, (eds.) H. Chenery and T.N. Srinivasan, Amsterdam: North-Holland Publishing, 1988. Chapter 13, pp. 543-630.

"Expansion of Public School Expenditures and Enrollments: Intercountry Evidence," <u>Economics of</u> <u>Education Review</u>, 7:2(1988)167-183.

"Introduction" in <u>Research in Population Economics</u> Vol. 6, editor. Greenwich, CT: JAI Press, 1988.

"Heterogeneous Preferences and Migration: Self Selection, Regional Prices and Programs, and the Behavior of Migrants in Colombia," in <u>Research in Population Economics</u>, Vol. 6, Greenwich, CT: JAI Press, 1988.

"Introduction" in <u>The State of Development Economics: Progress and Perspectives</u> (eds.) G. Ranis and T.P. Schultz, London: Basil Blackwell, 1988.

"Economic Demography and Development: New Directions in an Old Field," in <u>The State of Development</u> <u>Economics: Progress and Perspectives</u> (eds.) G. Ranis and T.P. Schultz, London: Basil Blackwell, 1988.

"Who Receives Medical Care? Income, Implicit Prices and the Distribution of Medical Services among Pregnant Women in the U.S.," (with M.R. Rosenzweig) <u>Journal of Human Resources</u>, 26:3(1991)473-508.

"Firm and Family Employment, Development and Minimum Wages," <u>Estudios de Economia</u> (Chile) 15:1 (1988) (in Spanish).

"The Stability of Household Production Technology: A Replication," (with M.R. Rosenzweig), <u>Journal of Human Resources</u>, 23:4(1988)535-549.

"Population Programs: Measuring Their Impact on Fertility and the Personal Distribution of Their Effects," Journal of Policy Modeling, 10:1(1988)113-149.

"Schooling, Information, and Nonmarket Activity," (with M.R. Rosenzweig) <u>International Economic</u> <u>Review</u>, 30(1989):457-477.

"Investments in Women, Economic Development and Improvements in Health in Low-Income Countries," <u>Under the Volcano: Biomedical Science and the Third World</u>, New York Academy of Sciences Conference, 1989.

"The Relationship Between Local Family Planning Expenditures and Fertility in Thailand, 1976-1981," paper presented at the Annual Meetings of the Population Association of America, Baltimore, MD (1989). Economic Growth Center Discussion Paper No. 662, April 1992.) <u>http://www.econ.yale.edu/~pschultz/</u>

"Women and Development: Objectives, Framework and Policy Interventions," Working Paper, WPS 200, Population and Human Resources Department, The World Bank, Washington, D.C. (1989).

"Relationships Between Fertility and Individual Demand and Community Program Supply: The Role of Family Planning in Determining Fertility," paper presented at IUSSP Seminar, Tunis, Tunisia (June 1989).

"Accounting for Public Expenditures on Education: An International Panel Study," paper presented at State University of New York at Buffalo conference on Human Capital and Economic Growth, Buffalo, NY (May, 1989).

"Introduction" to <u>Economic and Demographic Relationships in Development</u> by Ester Boserup, edited by T. Paul Schultz, Baltimore, MD: Johns Hopkins University Press (1990).

"Women's Changing Participation in the Labor Force," <u>Economic Development and Cultural Change</u>, 38:3 (1990)451-488.

"Testing the Neoclassical Model of Family Labor Supply and Fertility," <u>Journal of Human Resources</u>, 25:4 (1990)599-634.

"Discussion of AEA Commission on Graduate Education in Economics," <u>American Economic Review</u>, 80:2(1990)447-448.

"International Differences in Labor Force Participation in Families and Firms," Economic Growth Center Discussion Paper No. 634, 1991.

"Economic Development, the Family and Income Distribution," by S. Kuznets, Book Review, <u>Journal of</u> <u>American Statistical Association</u>, 86:416(1991)1145-1146.

"Assessing Family Planning Cost Effectiveness: Applicability of Individual Demand-Program Supply Framework," in <u>Family Planning Programmes and Fertility</u>, pp. 78-105, (eds.) J.F. Phillips and J.A. Ross, New York, Oxford University Press, 1992.

"Modern Economic Growth and Fertility," lecture at University of North Carolina, November 11, 1992. "An Event History Analysis of Divorce in China," (with Zeng Yi and W. Deming) Economic Growth Center Discussion Paper No. 675, 1992.

"The Role of Education and Human Capital in Economic Development," in <u>Economic Growth in the World</u> <u>Economy</u>, Institute for Weltwirtschaft, Kiel, Germany, Tubingen: Mohr, 1993.

"Labor Market Discrimination: Measurement and Interpretation," in <u>Unfair Advantage: Labor Market</u> <u>Discrimination in Developing Countries</u>, (eds.) N. Birdsall and R. Sabot, World Bank Regional and Sectoral Studies, Washington, D.C., 1993.

"Returns to Women's Education," in <u>Women's Education in Developing Countries</u>, (eds.) M.A. Hill and E.M. King, New York: Oxford University Press for The World Bank, 1993.

"Measurement of Returns to Adult Health," (with A. Tansel), Living Standards Measurement Study Working Paper No. 95, The World Bank, Washington, D.C., 1993.

"Investments in the Schooling and Health of Women and Men: Quantities and Return," <u>Journal of Human</u> <u>Resources</u>, 28:4(1993)694-734.

"Economics of Women's Education," in <u>The Politics of Women's Education</u>, pp. 237-244, (eds.) J.K. Conway and S.C. Bourque, Ann Arbor, MI: University of Michigan Press, 1993.

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