

## CHARLES C. GRIFFIN

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PRIMARY FIELDS Economic Development, Health Economics  
SECONDARY FIELDS Public Finance, Economic Demography

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### MATRICULATION

UNIVERSITY	CONCENTRATION	DEGREE	DATE
Yale University (USA)	Economic Demography	Postdoctoral Fellowship	1984-86
University of North Carolina at Chapel Hill (USA)	Economics: Economic Development and Public Finance	Ph.D.	1983
Duke University (USA)	Public Policy Analysis	M.A.	1981
University of Iowa (USA)	Economics, Political Science	B.A.	1975

### PROFESSIONAL EXPERIENCE

**SENIOR FELLOW – GLOBAL ECONOMY AND DEVELOPMENT** (beginning November 2006). The Brookings Institution, 1775 Massachusetts Avenue NW, Washington DC 20036. Supervisor: Lael Brainard, Vice President. On a two-year leave of absence from The World Bank, I am working on Innovative Financing in Health and on Transparency and Accountability in Public Expenditures for low- and middle-income countries while at Brookings.

**DIRECTOR – HUMAN DEVELOPMENT DEPARTMENT, EUROPE AND CENTRAL ASIA REGIONAL OFFICE** (beginning May 2004). The World Bank, 1818 H Street N.W., Washington DC 20433. Supervisor: Shigeo Katsu, Vice President of the Europe and Central Asia Regional Office of the World Bank. With a team of four managers (Education; Health, Nutrition, and Population (HNP); Human Development Economics; and Social Protection), I lead a department of about 101 staff, 63 percent of whom are based in Washington and 37 percent of whom are in field offices. Our department is responsible for a portfolio of 73 projects and approximately \$3 billion in commitments. We also have an extensive program of analytical work. Our relationship

with clients is in a rapid and complex transition, with many of them focused on joining the European Union, some emerging from a period of conflict, others managing new-found wealth from oil resources, and some struggling to emerge from wrenching poverty. Over the next several years, the challenge for our department is to add value for clients in each of these groups and to be seen by them as partners in helping them solve some of their most pressing policy problems in education, health, and social protection. During calendar year 2004, I also led a Bank-wide group recommending changes to improve the institution's effectiveness and efficiency in client services.

**DIRECTOR – HUMAN DEVELOPMENT DEPARTMENT, SOUTH ASIA REGION** (January 2002 to May 2004). The World Bank, 1818 H Street N.W., Washington DC 20433. Supervisors: Mieko Nishimishu, followed by Praful Patel, both Vice Presidents of the South Asia Regional Office of the World Bank. The region includes Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan, and Sri Lanka. In this position, I had a management team of three to lead 70 staff, half of whom were based in field offices. Our department was responsible for a portfolio of about 37 projects (18 in Education and 19 in HNP), with approximately \$4 billion in commitments. Major accomplishments during my two years in the South Asia Region include (a) combining two separate departments into one; (b) arguing successfully for and starting to build a Social Protection group; (c) shifting our focus to education and health services for girls and young women; (c) engaging with subnational governments (e.g. states and provinces) on policies in the social sectors; (d) modernizing our portfolio to shift away from bricks-and-mortar investments in government systems towards policy-based lending and opening up to nongovernment service providers; (e) increasing support for new ways of doing business in health and education; (f) streamlining procedures to raise our impact and to simplify our working relationship with clients; (g) collaborating better with partners (e.g., bilateral donors, the Asian Development Bank, WHO, and the Global Fund), (h) shifting to an evaluation culture for both The World Bank and our clients, and (i) doubling our annual volume of lending and strengthening the pipeline of future commitments. We also undertook a major renewal of our staff and their skills.

**MANAGER – HEALTH, NUTRITION, POPULATION FOR LATIN AMERICA AND THE CARIBBEAN** (December 1998 - April 2002). The World Bank, 1818 H Street N.W., Washington DC 20433. Supervisor: Xavier Coll, Director, Latin America and the Caribbean Human Development Department. I managed a diverse team of about 30 and a loan portfolio of over \$3 billion covering all of Latin America and the Caribbean. Our work included preparing and supervising loans, providing policy advice, and performing analytical work for Ministries of Health, Ministries of Finance, and Social Security Systems to improve health care outcomes, health system performance, and health care financing. Some key accomplishments during the period were (a) fundamental reform of social security and general revenue financing of health care in Argentina, Costa Rica, and Mexico; (b) assistance to the Brazil HIV/AIDS program and development of a regional HIV/AIDS portfolio covering the Caribbean and high-risk countries; (c) vastly improved primary care services through contracting and new civil-service incentive structures in Peru and Central America; (d) pioneering programs to strengthen surveillance and to address chronic public health problems in Argentina and Brazil; and (e) high quality analytical services and case studies prepared to help clients understand their key health policy problems and to share successes across countries. During my tenure, I contributed to a significant

strengthening of The World Bank's partnership with the Pan-American Health Organization and the Inter-American Development Bank to improve jointly the multilateral services available to our clients for health services and policies.

**MANAGER AND LEAD SPECIALIST – SOCIAL PROTECTION FOR LATIN AMERICA AND THE CARIBBEAN** (September 1997-June 1999). The World Bank, 1818 H Street N.W., Washington DC 20433. Supervisor: Xavier Coll and Julian Schweitzer, Directors, Latin America and the Caribbean Human Development Department. During this period, which overlapped with my becoming the manager for HNP, I began to diversify the social protection group to engage more effectively with clients on pensions, safety nets, and evaluation by developing a business plan and hiring outstanding technical professionals in these areas. Already we supported a large program of social funds, particularly in Central America. My team undertook the first substantial evaluation effort of the impact of these social funds; we documented for others how they function; and we began to develop a capacity for social funds to support decentralization of service functions to municipal governments.

**PRINCIPAL SECTOR ECONOMIST (HUMAN DEVELOPMENT)** (December 1992-1997). The World Bank, 1818 H Street N.W., Washington DC 20433. Supervisor through June 1996: Jacob van Lutsenburg Maas, Eastern Africa Department, Population and Human Resources Operations. Supervisor starting September 1996: Ruth Kagia, Technical Manager, Africa Human Development Technical Group 1 (Eastern and Southern Africa). (Long-Term Consultant 1992-1993; Senior Economist 1993-1997; Principal Economist 1997). I led the health and education teams in Tanzania and the health teams in Kenya and Uganda. My favorite accomplishment of this period was helping the Government of Tanzania shift its social sector policies from those of a socialist system to a decentralized, market-friendly system.

**SENIOR RESEARCH ASSOCIATE** (November 1991-December 1992). The Urban Institute, 2100 M Street N.W., Washington DC 20037. Supervisors: Harry Cross and Ray Struyk, International Activities Center. Analyst in health economics for developing countries. Participation in technical assistance and research in health and family planning projects under contracts funded by The World Bank and the U.S. Agency for International Development.

**SENIOR HEALTH ECONOMIST/DIRECTOR OF APPLIED RESEARCH** (October 1990-October 1991). The Health Financing and Sustainability Project, employed by The Urban Institute, 2100 M Street N.W., Washington DC 20037 (subcontractor to Abt Associates on this U.S. Agency for International Development project). Supervisor: John Holahan, Health Policy Center. The position entailed initiation of an applied research program in health economics in developing countries, to be completed over a four-year period. Responsibilities included writing research proposals, carrying out research, formulating and defending budgets, preparing work plans for short- and long-term projects, recruiting and supervising appropriate consultants and professional staff, developing survey instruments and analytical strategies, monitoring the quality of research, marketing applied research to Ministries of Health and USAID health and population officers, and producing innumerable oral and written outputs. As Senior Health Economist on the project, I provided technical inputs to a variety of activities and led technical assistance missions to Belize, Kenya, and the Philippines.

**ASSOCIATE PROFESSOR** (September 1986-1992). Tenured position at the University of Oregon, Department of Economics, Eugene OR 97405. Supervisor: Jo Anna Gray and Joe Stone, Chair. Assistant Professor 1986-1989. Teaching responsibilities included graduate and undergraduate economic development, economic demography, microeconomics, international economics. Supervision of M.A. and Ph.D. graduate students. Member of the Center for Study of Women in Society member, the Center for Southeast Asian Studies, and the University Research Committee. Research in human resource aspects of economic development, health care financing in developing countries, population policies in developing countries, demand for and willingness to pay for rural water systems in developing countries.

**ECONOMIST** (Summers 1986 and 1987). Department of Population, Health, and Nutrition; Policy Research Division; The World Bank; 1818 H Street N.W.; Washington DC 20433. Supervisors: Nancy Birdsall and John Akin. Assisted in writing the World Bank's "Financing Health Service in Developing Countries: An Agenda for Reform." Additional research in user fees for health services, demand for health services, and health insurance in developing countries.

**POST-DOCTORAL FELLOW AND LECTURER** (September 1984-June 1986). Economic Growth Center, Yale University, P.O. Box 1987 Yale Station, New Haven CT 06520. Supervisor: T. Paul Schultz. Research on selectivity bias and estimation of value of time for women in the Philippines. Took classes in demography, economic demography, and applied econometrics. Taught intermediate microeconomics. Participated and presented papers in seminars on trade and development, population and labor.

**RESEARCH ASSOCIATE** (May 1980-September 1984). Carolina Population Center, University of North Carolina at Chapel Hill, Chapel Hill NC 27514. Supervisors: John Akin, David Guilkey, and Barry Popkin. Research on population, nutrition, and health in developing countries; survey design and administration; grant proposal writing; management of large computer files; econometric analysis of household survey data; book, article, and report writing; supervision of research assistants.

**VISITING INSTRUCTOR** (1980-1982). School of Business and Economics, North Carolina State University, Raleigh NC. Supervisor: William Toussaint. Taught Principles of Economics and Business Statistics; supervised graduate assistant.

**TEACHING AND RESEARCH ASSISTANT** (1976-1980). University of North Carolina at Chapel Hill and Duke University.

**SUMMER INTERN** (1978). Congressional Budget Office, Washington D.C. Natural Resources and Commerce Division. Economic analysis of criteria for changing the Amtrak route structure.

### FELLOWSHIPS

National Institutes of Health Fellowship in Economic Demography (1984-1986). Yale University, Economic Growth Center.

Public Service Fellowship (1977-1978). Duke University, Institute of Policy Sciences and Public Affairs.

### BOOKS

Financing Health Care in Sub-Saharan Africa through User Fees and Insurance (1995)  
Washington, DC: The World Bank (with R. Paul Shaw).

Health Care in Asia: A Comparative Study of Cost and Financing (1992). Washington, DC: The World Bank.

The Demand for Primary Health Services in the Third World (1985). Totowa, New Jersey: Rowman and Allanheld (with John S. Akin, David K. Guilkey, and Barry M. Popkin).

### VIDEOS

"Challenges for Health Sector Reform in Latin America and the Caribbean," (1999). Summary of presentations on Decentralization, Public Health Challenges, Insurance Regulation, Contracting of Health Care Providers, and New Technologies. Approximately 83 minutes. Summary of proceedings from a workshop held in May 1999, in Paris, France.

"Eastern Africa Education Policy Workshop," (1996). A 90-minute summary of 32 hours of proceedings from a workshop held November 10-17, 1995. World Bank and NewsGroup, Inc. (with Matthieu Mazza, Michael Dion, and Yordi Seium).

"Health Insurance: Principles and Practice," (1996). A 34-minute original video intended for our borrowers to summarize the economic principles underlying health insurance, with examples from actual health insurance plans in the Philippines, Dominican Republic, and Zambia. World Bank and NewsGroup, Inc. (with Matthieu Mazza, Colin Winterbottom, Chiyo Kanda, and Yordi Seium).

### ARTICLES

"Contingent Valuation and Actual Behavior: Predicting Connections to New Water Systems in the State of Kerala, India" (1993). The World Bank Economic Review (9)3:373-395 (with John Briscoe, Bhanwar Singh, Radhika Ramasubban, and Ramesh Bhatia).

"U.S. Health Care Coverage and Costs: Historical Development and Choices for the 1990s" (1993). The Journal of Law, Medicine, and Ethics (21)2:141-162 (with Randall R. Bovbjerg and Caitlin Carroll).

"Water Source as a Housing Characteristic: Hedonic Property Valuation and Willingness to Pay for Water" (1993). Water Resources Research (29)7:1923-1929 (with James North).

"Rural Water Supply in Kerala, India: How to Emerge from a Low-level Equilibrium Trap (1993). Water Resources Research (29)7:1931-1942 (with Radhika Ramasubban, Bhanwar

- Singh, Ramesh Bhatia, John Briscoe, and Chongchun Kim).
- "Population Growth, Externalities, and Poverty" (1993). Including the Poor, Jacques van der Gaag and Michael Lipton (editors) Washington DC: The World Bank, 205-218 (with Nancy Birdsall).
- "The Demand for Water in Rural Areas: Determinants and Policy Implications" (1993). The World Bank Research Observer (8)1:47-70 (with John Briscoe, Dale Whittington, Mir Anjum Altaf, Paulo Furtado de Castro, Apia Okorafor, Augustine Okore, Bhanwar Singh, Radhika Ramasubban, and V. Kerry Smith).
- "Distribution and Growth of Public and Private Medical Resources in the Philippines" (1993). In Health Economics Research in Developing Countries (K. Lee and A. Mills, editors). London: Oxford University Press, 81-112 (with Vicente Paqueo). Also World Bank Population, Health, and Nutrition Department Technical Note 87-24.
- "Welfare Gains from User Charges for Government Health Services" (June 1992). Health Policy and Planning.
- "The Private Sector and Health Care Priorities in LDCs" (1991). Finance and Development, March.
- "Towards Equitable and Sustainable Rural Water Supplies: A Contingent Valuation Study in Brazil" (1990). The World Bank Economic Review Volume 4, Number 2, 115-134 (with John Briscoe, Paulo Furtado de Castro, James North, and Orjan Olsen).
- "Health and Nutrition Interventions in Latin America: Protecting Vulnerable Groups During the Economic Crisis" (1989). Published as a monograph in English and Spanish. Washington, DC: The World Bank (with Guy Pfeffermann).
- "User Charges for Health Care in Principle and Practice" (1989). In Asian Development Bank, Economic Development Institute, and East-West Center, Health Care Financing, Proceedings of Regional Seminar on Health Care Financing 27 July-3 August 1987. Also published as Economic Development Institute Seminar Paper Number 37, The World Bank, 1818 H Street NW, Washington DC 20433, January.
- "Population Growth and Poverty in Developing Countries" 1988. Journal of Policy Modeling, 10(1):29-56 (with Nancy Birdsall).
- "The Demand for Adult Outpatient Services in the Bicol Region of the Philippines" (1986). Social Science and Medicine (with John S. Akin, David K. Guilkey, and Barry M. Popkin).
- "The Demand for Primary Health Services in the Bicol Region of the Philippines" (1986). Economic Development and Cultural Change, 34(8):755-782, 1986 (with John S. Akin, David K. Guilkey, and Barry M. Popkin).

- "Determinants of Infant Feeding: A Household Production Approach" (1985). Economic Development and Cultural Change, 34:57-82 (with John S. Akin, David K. Guilkey, and Barry M. Popkin).
- "Breast-feeding in the Philippines: the Role of the Health Sector" (1985) Journal of Biosocial Sciences (supplement), 9:99-125 (with Barry M. Popkin and Monica E. Yamamoto).
- "Modern and Traditional Health Professionals and Breast-feeding in the Philippines" (1984) Journal of Pediatric Gastroenterology and Nutrition, 3:765-776 (with Barry M. Popkin and Monica E. Yamamoto).
- "Multinational Infant Formula Promotion and Breast-feeding" (1984) American Journal of Public Health, 74:992-997 (with Barry M. Popkin and Deborah K. Spicer).

### **WORKING PAPERS**

- "Health Insurance in Africa: A Review of Benefits, Costs, and Policy Options" (1992). The World Bank, 1818 H Street NW, Washington DC 20433.
- "Conceptual Framework for Social Financing of the Health Services with an Application to the United States' History of Financing Health Care" (1992). Health Financing and Sustainability Project, 4800 Montgomery Lane, Suite 600, Bethesda MD 20814 (with Randall R. Bovbjerg).
- "Extending Coverage and Benefits of Social Financing Systems in Developing Countries: A Review of Concepts and Experience" (1992). Health Financing and Sustainability Project, 4800 Montgomery Lane, Suite 600, Bethesda MD 20814 (editor, with Gerard M. La Forgia).
- "Expenditure Patterns and Willingness to Pay for Health Services in Belize: Analysis of the 1991 Belize Family Life Survey" (1992). Health Financing and Sustainability Project, 4800 Montgomery Lane, Suite 600, Bethesda MD 20814 (with James H. North and David K. Guilkey).
- "Targeting Poor Women Where They Live and Work: A Case Study of the Water Sector in Chittagong, Bangladesh" (1992). The World Bank, 1818 H Street NW, Washington DC 20433 (with Ayse Kudat and Vincy Fon).
- "Cost Recovery in Public Hospitals in Belize" (1992). Health Financing and Sustainability Project Technical Report No. 5. Health Financing and Sustainability Project, 4800 Montgomery Lane, Suite 600, Bethesda MD 20814 (with Gerard M. La Forgia).
- "Means Testing in Cost Recovery: A Review of Concepts and Experience" (1992). Health Financing and Sustainability Project, 4800 Montgomery Lane, Suite 600, Bethesda MD 20814 (with Ruth Levine and Timothy Brown), January.

- "Health Financing for the Epidemiological Transition" (1991). Prepared for the National Research Council, Committee on Population. Workshop on the Policy and Planning Implications of the Epidemiological Transition in Developing Countries (with Ruth Levine), November.
- "Strengthening Health Services in Developing Countries through the Private Sector" (1989). Discussion Paper Number 4, International Finance Corporation, Economics Department, The World Bank, 1818 H Street NW, Washington DC 20433.
- "User Charges for Health Care in Principle and Practice" (1989). Economic Development Institute Seminar Paper Number 37, The World Bank, 1818 H Street NW, Washington DC 20433, January.
- "Willingness to Pay for an Improved Water Source in Zimbabwe." Eugene, Oregon: Department of Economics, March 1989 (with Sungkoo Lee).
- "Means Testing and the Targeting of Subsidies for Health and Nutrition in Developing Countries." Background paper for Rockefeller Foundation Conference on Social Sector Financing, Fall 1989. April 1989.

### **SURVEYS**

- "Tanzania Human Resource Development Survey, 1993-1994." The World Bank and the University of Dar es Salaam. Nationally representative household survey of 5,184 households.
- "Belize Family Health Survey, 1991." Belize City, Belize: Center for Disease Control and A.I.D. Added questions on health service use and expenditures, and willingness to pay for public health services.
- "Bangladesh Health Expenditure and Demand Survey, 1987-88." Dhaka, Bangladesh: Bangladesh Institute of Development Studies. External Consultant for survey design and analysis.
- "Health Finance Study for Sri Lanka, 1987." Proposal for a nationally representative household, community, and health facility survey for Sri Lanka. Designed to analyze the demand for health services and equity effects of the existing health system, the feasibility of user fees in the public health system, and public/private interactions in the system.
- "Philippines Medical Sector Data, 1983-1984." Manila, Philippines: University of the Philippines and the Carolina Population Center (with Vicente Paqueo and Cynthia Miguel). Collection and analysis of data from the Medicare system (the national health insurance system).
- "The Bicol Multipurpose Survey, 1983." Chapel Hill: Carolina Population Center, 1981 (with Barry M. Popkin and the Ateneo de Naga Research and Service Center). Assistance in questionnaire design and computerization of the second round of a large household

survey.

"The Cebu Panel Study of Infant Nutrition and Health." Chapel Hill: Carolina Population Center, 1982 (with John S. Akin, William Fleiger, David K. Guilkey, Barry M. Popkin, and many others). Helped to write sections of the household survey on medical visits, obstetrical care, and health. I also assisted in preparing the facility surveys. My work included one visit to the Philippines to assist in solving field problems.

"The Bicol Multipurpose Supplemental Survey, 1981." Chapel Hill: Carolina Population Center, 1981 (with Sahni Hamilton, Barry M. Popkin, and the Ateneo de Naga Research and Service Center). Authored health facility and infant food surveys designed to collect price and availability data as well as health facility characteristics. Supervised data collection, personally carried out all related computer work, verified the data, wrote or coauthored analyses of the data.

### **RESEARCH GRANTS**

"Modeling the Health Transition in Developing Countries," to study health financing in China using household panel data, to be combined with information on providers and government expenditures, all of which will be collected for the project. Under review at the National Institute of Child Health and Human Development, U.S. Department of Health and Human Services (with John Akin and Gail Henderson at the Carolina Population Center). This grant was funded after I joined the World Bank, so I have not been involved in the work.

"Effects of Mother's Feeding Choices on the Health and Nutritional Status of their Babies," Grants from The Center for the Study of Women in Society, University of Oregon, and from the Office of Research and Sponsored Programs, University of Oregon, 1988.

Principal Investigator, "Health Insurance Systems, the Private Medical Sector, and the Effects of Government Investments in Health and Development on Primary Care Services in Low-Income Countries." Subcontract to Carolina Population Center, October 1983.