

## Duncan THOMAS

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### Education

Ph.D. (Economics), Princeton University (1986)  
B.Sc.(Economics with Statistics)(First Class Honors), Bristol University, England (1981).

### Employment

Duke University

July 2007-present Professor, Economics Department

UCLA, Los Angeles

July 2002 – June 2007 Director, Center for Health and Development

July 2003 – June 2006 Director, California Center for Population Research

Oct 2001 – present Professor, Economics Department

(On leave July 2007-June 2008)

RAND and UCLA, Los Angeles

July 1996- Sept 2001 Professor, Economics Department, UCLA and Senior Economist, RAND (joint appointments).

July 1994- June 1996 Associate Professor, Economics Department, UCLA and Senior Economist, RAND (joint appointments).

Yale University, New Haven

July 1991 - June 1994 Associate Professor, Economics Department

July 1986 - June 1991 Assistant Professor, Economics Department

Princeton University, Princeton

Sept 1981-June 1986 Ph.D. student, Economics Department

### Publications

“Do healthier Mexicans migrate to the United States? New findings from the Mexican Family Life Survey,” forthcoming in *American Journal of Public Health* (with Luis Rublcava, Graciela Teruel and Noreen Goldman).

“Nutritional status during an economic crisis: Evidence from Russia”, forthcoming in *Economic Journal* (with Steven Stillman).

“Health over the life course” in T. Paul Schultz and John Strauss, (eds.), *Handbook of Development Economics Volume 4, Elsevier Press*, forthcoming, (with John Strauss).

“Household Surveys” in Steven Durlauf and Lawrence Blume (eds.) *The New Palgrave Dictionary of Economics*, forthcoming.

- “Collecting and utilizing biological indicators in social science surveys”, forthcoming, in James Vaupel and Maxine Weinstein (eds.), *Cells to Surveys II*, National Academies Press, (with Elizabeth Frankenberg).
- “Assessment and prediction of natural hazards from satellite imagery”, *Progress in Physical Geography*, 315.5:459-70, 2007, (with Thomas Gillespie, Jasmine Chu and Elizabeth Frankenberg).
- “Household responses to the financial crisis in Indonesia: Longitudinal evidence on poverty, resources and well-being”, in Ann Harrison, (ed.), *Globalization and Poverty*, 2007, University of Chicago Press (with Elizabeth Frankenberg).
- “Explaining family change and variation: Challenges for family demographers”, *Journal of Marriage and Family*, 67.4:908-25, 2006, (with Judith Seltzer, Christine Bacharach, Suzanne Bianchi, Caroline Bledsoe, Lynne Casper, Lindsay Chase-Lansdale, Thomas DiPrete, Joseph Hotz, Philip Morgan and Seth Sanders).
- “Health consequences of forest fires”, *Demography* 42.1:109-29, 2005 (with Elizabeth Frankenberg and Doug McKee).
- "Can expanding access to basic health care improve children's health status? Lessons from Indonesia's Midwife in the Village program", *Population Studies* 59.1:5-19, 2005. (with Elizabeth Frankenberg and Wayan Suriastini).
- "Education during a crisis", *Journal of Development Economics*, 74.1:53-86, 2004 (with Kathleen Beegle, Elizabeth Frankenberg, Bondan Sikoki, John Strauss and Graciela Teruel).
- "Empirical modeling of investments in health and nutrition", in I. Elbadawi, D. Sahn and E. Thorbecke, (eds.) *Recent Advances in Research on Poverty*, Nairobi:African Economic Research Council, 2004 (with John Strauss).
- "Labor market transitions of men and women during an economic crisis: Evidence from Indonesia", forthcoming in B. Garcia, R. Anker and A. Pinnelli (eds.) *Women in the labour market in changing economies: Demographic issues*, Oxford University Press, pp 37-58, 2003, (with Kathleen Beegle and Elizabeth Frankenberg).
- "Economic shocks, wealth and welfare", *Journal of Human Resources*, 2003, 38.2:280-321, (with Elizabeth Frankenberg and James P. Smith).  
Reprinted in A. Mody and C. Pattillo (eds.) *Macroeconomic Policies and Poverty Reduction*, Routledge, 2006.
- "Remembrances of things past: Test-retest reliability of retrospective migration histories", *Journal of the Royal Statistical Society*, Part A, 166.1:23-49, 2003, (with James P. Smith).
- "The measurement and interpretation of health in social surveys", in C. Murray, J. Salomon, C. Mathers and A. Lopez (eds.) *Summary Measures of Population Health: Concepts, Ethics, Measurement and Applications*, World Health Organization, 2002, Chapter 8.2, pp 387-420, (with Elizabeth Frankenberg).
- "The longer term effects of Head Start", *American Economic Review*, 92.4:999-1012, September, 2002, (with Eliana Garces and Janet Currie).

- "Health, nutrition and economic prosperity: A microeconomic perspective", *Bulletin of the World Health Organization*, 80:106-113, 2002, (with Elizabeth Frankenberg).  
Extended version published as Working Paper 7, Working Group 1, WHO Commission on Macroeconomics and Health, WHO, Geneva.
- "Wages, employment and economic shocks: Evidence from Indonesia", *Journal of Population Economics*, 15:161-93, 2002, (with James P. Smith, Kathleen Beegle, Elizabeth Frankenberg, Graciela Teruel).
- "Lost but not forgotten: Attrition and follow-up in the Indonesia Family Life Survey", *Journal of Human Resources* 36.3: 556-592, Summer, 2001, (with Elizabeth Frankenberg and James P. Smith).
- "Early test scores, school quality and SES: Long run effects on wages and employment outcomes", in Solomon Polochek, (ed.), *Research in Labor Economics*, 20:103-32, 2001, (with Janet Currie).
- "Women's health and pregnancy outcomes: Does access to services make a difference?", 38.2: *Demography*, 38.2: 253-65, May, 2001, (with Elizabeth Frankenberg).
- "Bargaining power within couples and reproductive health care use in Indonesia", *Studies in Family Planning*, 32.2:130-146, June, 2001, (with Kathleen Beegle and Elizabeth Frankenberg).
- "School quality and the long-term effects of Head Start", *Journal of Human Resources*, 35.4:755-74, Fall, 2000, (with Janet Currie).
- "Comments on 'Intrahousehold allocations: A review of theories and empirical evidence' by John Strauss, Germano Mwabu and Kathleen Beegle", *Journal of African Economies*, 9.1:144-49, June 2000.
- "Does Head Start help Hispanics?" *Journal of Public Economics*, 74.2:235-262, November, 1999, (with Janet Currie).
- "The intergenerational transmission of intelligence: Down the slippery slopes of 'The Bell Curve'," *Industrial Relations*, 38.3:297-330, July, 1999, (with Janet Currie).
- "Fertility, education and resources in South Africa", in Bledsoe, C., J. Casterline and J. Haaga, *Critical perspectives on schooling and fertility in the developing world*, Washington, D.C.:National Academy of Sciences Press, 138-181, 1999.
- "On the road: Marriage and mobility in Malaysia", *Journal of Human Resources*, 33.4:805-832, Winter, 1998, (with James P. Smith).
- "Health, nutrition and economic development", *Journal of Economic Literature*, 36:737-782, June, 1998, (with John Strauss).
- "Nutritional status in Indonesia: Evidence from the 1993 Indonesian Family Life Survey", *Journal of Population*, 4.1:1-35, January, 1997. (With Elizabeth Frankenberg and Wayan Suriastini).
- "Incomes, expenditures and health outcomes: Evidence on intra-household resource allocation", in L. Haddad, J. Hoddinott and H. Alderman, (eds.) *Intra-household resource allocation in developing countries: Models, methods, and policy*, Baltimore:Johns Hopkins Press, 142-164, 1997.
- "Do the benefits of childhood education last?", *Policy Options*, 43-48, July/August, 1997.

- "Health and wages of men and women in urban Brazil", *Journal of Econometrics*, 77.1:159-186, March, 1997, (with John Strauss).  
Reprinted as Chapter 1 in P. Bardhan and C. Udry, *Readings in Development Economics: Empirical Microeconomics*, MIT Press, 2000.
- "Wages, schooling and background: investments in men and women in Brazil", in N. Birdsall and R. Sabot (eds.), *Opportunity foregone: Education in Brazil*, Johns Hopkins Press, 147-92, 1996, (with John Strauss).
- "Public policy and anthropometric outcomes in the Côte d'Ivoire", *Journal of Public Economics*, 61.2:155-92, August, 1996, (with Victor Lavy and John Strauss).
- "Quality of health care, survival and health outcomes in Ghana", *Journal of Health Economics*, 15.3:333-57, 1996, (with Victor Lavy, John Strauss and Philippe de Vreyer).
- "Measurement and mismeasurement of social indicators", *American Economic Review*, 86.2:30-34, May, 1996, (with John Strauss).
- "Education across generations in South Africa", *American Economic Review*, 86.2:330-34, May, 1996.
- "Contraceptive choice, fertility and public policy in Zimbabwe", *World Bank Economic Review*, 10.1:187-219, January 1996, (with John Maluccio).
- "Human resources: Empirical models of household decisions", in Behrman, J. R. and T. N. Srinivasan, (eds.), *Handbook of Development Economics*, (Volume IIIA), North Holland, 1885-2023, 1995, (with John Strauss).
- "Health and labor productivity: Sorting out the relationships", in *Agricultural competitiveness, market forces and policy choice*, proceedings of 22nd International Conference of Agricultural Economists, Harare, Zimbabwe, (with John Strauss).
- "Does Head Start make a difference?", *American Economic Review*, 85.3:341-364, June 1995, (with Janet Currie).
- "Medical care for children: Public insurance, private insurance and racial differences in utilization", *Journal of Human Resources*, 30.1:135-162, Winter, 1995, (with Janet Currie).
- "Like father, like son or like mother, like daughter: Parental education and child health", *Journal of Human Resources*, 29.4:950-89, Fall, 1994.  
Reprinted in T. Paul Schultz (ed.) *Economic Demography, The International Library of Critical Writings in Economics*, Edward Elgar, 1998.
- "How fast is fertility declining in Botswana and Zimbabwe?", World Bank Discussion Paper, June 1994, (with Ityai Muvandi).
- "The demographic transition in Southern Africa: Another look at the evidence from Botswana and Zimbabwe", *Demography*, 31.2:177-199, May, 1994, (with Ityai Muvandi).
- "The demographic transition in Southern Africa: Reviewing the evidence from Botswana and Zimbabwe", *Demography*, 31.2:209-19, May, 1994, (with Ityai Muvandi).
- "The distribution of household incomes and expenditures", *Comitato Internazionale Per Lo Sviluppo Dei Populi*, 5:73-92, 1993.

- "Prices, infrastructure, household characteristics and child height", *Journal of Development Economics*, 39.2:301-332, October 1992, (with John Strauss).
- "Testing for sectoral differences in child anthropometric status in Zimbabwe", *Health Policy and Planning*, 7.2:181-6, 1992.
- "The distribution of income and expenditure within the household", *Annals of Economics and Statistics*, 29:109-36, 1992.  
Reprinted in *International Journal of Development Banking*, July, 1994.
- "Income and price elasticities of the demand for food", *Pesquisa e Planejamento Economico*, 21.2:305-54, August 1991, (with John Strauss and Marisa Barbosa).
- "How does mother's education affect child height?", *Journal of Human Resources*, 26.2:183-211, Spring, 1991, (with John Strauss and Maria Helena Henriques).
- "Modelling the use and adoption of technologies by upland rice and soybean farmers in Central-West Brazil", *Agricultural Economics*, 5:341-59, 1991, (with John Strauss, Mariza Barbosa, Sonia Teixeira and Raimundo Gomes Junior).
- "Child survival, height for age and household characteristics in Brazil", *Journal of Development Economics*, 33:197-234, October, 1990, (with John Strauss and Maria Helena Henriques).
- "Intra-household resource allocation: an inferential approach", *Journal of Human Resources*, 25.4:635-664, Fall, 1990.  
Reprinted in Nancy Folbre (ed.) *The Economics of the Family, The International Library of Critical Writings in Economics*, Edward Elgar, 1995; in P. Bardhan and C. Udry (eds.) *Readings in Development Economics: Empirical Microeconomics*, MIT Press, 2000; and in Centre for the Study of Human Development, *Gender and Development*, Wisdom House Publications, 2001.
- "The influence of household composition on household expenditure patterns: Theory and Spanish evidence", *Journal of Political Economy*, 97.1:179-200, February, 1989, (with Angus Deaton and Javier Ruiz-Castillo).
- "Child survival, nutritional status and household characteristics: Evidence from Brazil", *Pesquisa e Planejamento Economico*, 19.3:427-82, December, 1989, (with John Strauss and Maria Helena Henriques).
- "Can food shares be used as a welfare measure?", October 1986, unpublished Ph.D. dissertation, Princeton University.
- "Analysis of labour policy", in Doris Jansen (ed.), *Zimbabwe : Government Policy and the Manufacturing Sector*, 1983, Zimbabwe Government, Harare, Zimbabwe.

### **Unpublished manuscripts**

- "Mobilizing the family improves the efficacy of a large-scale nutrition intervention", July 2007, (with Elizabeth Frankenberg, Nathan Jones, Jean Pierre Habicht, Gretel Pelto, Bondan Siki).
- "Health prices, health outcomes and labor outcomes: Experimental evidence", July 2007, (with William Dow, Paul Gertler, Bob Schoeni and John Strauss).

- “PTSD in coastal areas of Sumatra after the Indian Ocean Tsunami”, June 2007, Elizabeth Frankenberg, Jed Friedman, Thomas Gillespie, Nicholas Ingwersen, Robert Pynoos, Iip Umar Rifai, Bondan Sikoki, Alan Steinberg, Cecep Sumantri, Wayan Suriastini)
- “Mental health before, during and after an economic crisis: Results from Indonesia 1993-2000”, March 2007 (with Jed Friedman)
- Inflammation and socio-economic status in a low income population.” November 2006 (with Eileen Crimmins, Elizabeth Frankenberg, Thomas McDade and Teresa Seeman).
- “Attitudes to risk, time preferences and socio-economic status: Experimental and survey evidence”, October, 2006 (with Hector Conroy, Catherine Eckel, Amar Hamoudi, V. Joseph Hotz, Cathleen Johnson, Cesar Martinelli, Susan Parker, Luis Rubalcava, Seth Sanders and Graciela Teruel)
- “Investment, time preferences and public transfers paid to women”, October 2006, (with Luis Rubalcava and Graciela Teruel).
- “Causal effect of health on labor market outcomes: Experimental evidence” September 2006, (with Elizabeth Frankenberg, Jed Friedman, Jean-Pierre Habicht, Nicholas Ingwersen, Christopher McKelvey, Mohammed Hakimi, Jaswadi, Gretel Pelto, Bondan Sikoki, Teresa Seeman, James P. Smith, Cecep Sumantri, Wayan Suriastini, Siswanto Wilopo).
- "Do you care? Altruism and intergenerational exchanges in rural Mexico" March 2006, (with Amar Hamoudi).
- "Family bargaining and welfare", July 2005, (with Luis Rubalcava).
- "Iron supplementation, iron deficient anemia and hemoglobinopathies: Evidence from older adults in rural Indonesia" July 2005, (with Elizabeth Frankenberg, Jed Friedman, Jean-Pierre Habicht, Christopher McKelvey, Gretel Pelto, Bondan Sikoki, Cecep Sumantri, Wayan Suriastini)
- "Pension income and the well-being of children and grandchildren: New evidence from South Africa", March 2005, (with Amar Hamoudi)
- "Income shocks and household behavior: Evidence from the Bali bombing", October, 2004, (with Elizabeth Frankenberg, Bondan Sikoki and Wayan Suriastini).
- "Child health and the distribution of household resources at marriage", September, 2004, (with Dante Contreras and Elizabeth Frankenberg).
- "Fertility regulation and economic resources: Evidence from Indonesia", June 2004 (with Christopher McKelvey and Elizabeth Frankenberg)
- "Aid to parents: Does power within marriage matter?", January, 2004, (with Elizabeth Frankenberg and Melissa Chiu).
- "Changing household structure and child welfare in South Africa", December 2000, (with John Maluccio).
- "Household budgets, household composition and the crisis in Indonesia: Evidence from longitudinal household survey data", September, 1999, (with Elizabeth Frankenberg, Kathleen Beegle and Graciela Teruel).

"The real costs of the financial crisis in Indonesia", January, 1999 (with Kathleen Beegle and Elizabeth Frankenberg).

"Measuring power", September, 1998, (with Elizabeth Frankenberg).

"Physical health status of Indonesians: Preliminary results from the second wave of the Indonesian Family Life Survey (IFLS2)", May, 1998, (with Cecep Sumantri, Elizabeth Frankenberg, Bondan Sikoki, Wayan Suriastini and Merry Wadwani).

"Parental investments in schooling: The roles of gender and resources in urban Brazil," January, 1997 (with Robert Schoeni and John Strauss).

"Race, children's cognitive achievement and the Bell Curve". September, 1995 (with Janet Currie).

"Income shares and shares of income: Empirical tests of models of household resource allocations", December, 1993 (with Chien-Liang Chen).

"The shape of the calorie-expenditure curve", mimeo, June, 1990, (with John Strauss).

### **Grants and financial support**

"Evolution of Well-Being among Older Adults after a Disaster", National Institutes of Aging, R01 (December 2007-November 2012) (with Elizabeth Frankenberg, Thomas Gillespie, Samuel Preston and Bondan Sikoki), co-PI.

"Longer term effects of the Indian Ocean tsunami", National Institute for Child Health and Human Development, R01, (October 2007-September 2012) (with Elizabeth Frankenberg, Bondan Sikoki and Wayan Suriastini), co-PI.

"Reproductive health, empowerment of women and economic prosperity", Hewlett Foundation/Population Reference Bureau (July 2007-June 2009) (with Elizabeth Frankenberg, Amar Hamoudi, Christopher McKelvey, Luis Rubalcava, Bondan Sikoki, Cecep Sumantri, Wayan Suriastini, Graciela Teruel), PI

"Training in International Population and Health Sciences", Fogarty International Center, NIH, D43, (September 2006-September 2011), PI

"Preferences and economic decision-making", National Institute for Child Health and Human Development, R01, (January 2006-December 2010) (with Catherine Eckel, Cathleen Johnson, Joseph Hotz, Cesar Martinelli, Susan Parker, Luis Rubalcava, Graciela Teruel), PI.

"2nd and 3rd waves of the Mexican Family Life Survey", National Institute for Child Health and Human Development, R01, (May 2005-April 2010) (with Elizabeth Frankenberg, Luis Rubalcava and Graciela Teruel), PI.

"Measuring preferences in social surveys", National Institute for Child Health and Human Development, R21, (June 2005-May 2007) (with Catherine Eckel, Cathleen Johnson, Joseph Hotz, Cesar Martinelli, Susan Parker, Luis Rubalcava, Graciela Teruel), PI.

"Social and economic and physical effects of a natural disaster", National Science Foundation, Human and Social Dynamics Program (October 2005-September 2008) (with Elizabeth Frankenberg, Bondan Sikoki and Wayan Suriastini), co-PI.

- "Social and economic and physical effects of a natural disaster", National Institute for Child Health and Human Development, R21, (October 2005-September 2007) (with Elizabeth Frankenberg, Bondan Sikoki and Wayan Suriastini), co-PI.
- "Designing new models for family change and variation", National Institute for Child Health and Human Development, (August 2003-July 2007) (with Philip Morgan, Suzanne Bianchi, Thomas DiPrete, Joseph Hotz, Seth Sanders and Judith Seltzer), co-PI.
- "California Center for Population Research", National Institute for Child Health and Human Development, R24 Infrastructure Award, (July 2003-October 2007), PI.
- "The microfoundations of health and development", National Institutes on Aging and Fogarty International Center, R01, (July 2001-June 2007) (with Elizabeth Frankenberg, Jean-Pierre Habicht, Bondan Sikoki, James Smith, John Strauss), PI.
- "Real costs of the economic crisis in Indonesia," National Institute of Child Health and Human Development, R01, (July 2001-June 2007) (with Kathleen Beegle, Bondan Sikoki, James Smith and John Strauss), PI.
- "Human Capital Initiative: Productivity Award", National Science Foundation (October 1999-September 2000) (with Janet Currie), co-PI.
- "The meaning of health in social surveys", National Institutes on Aging, P01 project, (October, 1998-September, 2002) (with Elizabeth Frankenberg), PI.
- "Measuring change in Indonesia", World Bank, (June 1998-December 1998) (with Elizabeth Frankenberg and Kathleen Beegle), PI.
- "Health, family planning and well-being in Indonesia during an economic crisis", POLICY Project (June 1998-December 1998) (with Elizabeth Frankenberg), co-PI.
- "Migration and development", National Institute of Child Health and Human Development, P01 project, (March 1998-September 2003) (with James Smith), co-PI.
- "Health, human capital and the labor market", National Institute of Child Health and Human Development, P01 project, (March 1998-September 2003) (with James Smith and John Strauss), PI.
- "Evaluation of health interventions in Indonesia", World Health Organization (Oct 1997-Sep 1998) (with Elizabeth Frankenberg), PI.
- "Human capital, reproductive health programs and the role of women in the household and broader economy", The Policy Project (administered by Futures Group International, Research Triangle Institute and Centre for Development and Population Activities) (Feb 1997-Jan 2000) (with Elizabeth Frankenberg and Bondan Sikoki), co-PI.
- "Indonesian Family Life Survey", National Institutes of Health, R01, (Aug 1995-Jun 2000), (with Elizabeth Frankenberg), co-PI.
- "Who benefits from Head Start?", National Science Foundation Human Capital Initiative (Jan 1996-Dec 1998) (with Janet Currie), co-PI.

"Public policy and child well-being", National Institute of Child Health and Human Development, R01, (September 1995-August 1999) (with Janet Currie), PI.

"Individual resources and household choices", National Institute of Child Health and Human Development, P30 project, (Jul 1996-Jun 2002) (with James P. Smith and Elizabeth Frankenberg), PI.

"Health and labor outcomes over the life course", National Institute on Aging, P01 project, (November 1996-October 1999) (with Paul Gertler, Bob Schoeni, James P. Smith and John Strauss), PI.

"Economic consequences of migration in Malaysia", National Institute of Child Health and Human Development, P01 project, (Aug 1991-July 1994) (with James P. Smith and Lynn Karoly), PI.

"Income, economic shocks, infrastructure and child growth", National Institute of Child Health and Human Development, R01 and P01 project, (Aug 1991-July 1996) (with John Strauss, Harold Alderman and Paul Gertler), co-PI.

"Household resources, prices, seasons and child growth", National Institute of Child Health and Human Development, R01 and P01 project, (Aug 1991-July 1996) (with John Strauss and Paul Gertler), co-PI.

"Dynamics of demographic change in Zimbabwe", DHS Small Grants Program funded by Andrew W. Mellon Foundation (July 1991-June 1992) (with Ityai Muvandi), PI.

"Human capital accumulation and inter-generational mobility", National Institute of Child Health and Human Development, P01 project, (April 1990-March 1993) (with John Strauss), co-PI.

### **Scholarships and Awards**

Warren C. Scoville Award for Outstanding Teaching, UCLA (2001, 2005)

Yale University Senior Faculty Fellowship (1992)

Yale University Junior Faculty Fellowship (1990)

Alfred P. Sloan Pre-Doctoral Fellowship (1984-5)

Fulbright Award (1981-3)

Princeton University Fellowship (1981-4)

University of Bristol Undergraduate Scholarship (1980)

Edwina Mountbatten Grant (1980)

Zimbabwe Government Scholarship for University Studies (1978-81)

### **Professional activities**

Bureau for Research and Economic Analysis of Development (BREAD)

President (2007-2010)

Elected Senior Fellow (2002-present), Board of Directors (2004-present)

Population Association of America, Board of Directors (2005-2007); Finance Committee (2005-2007);

Finance Committee Chair (2007)

Board of Editors *American Economic Journal – Applied Economics* (2007-present)

Associate Editor, *Journal of Development Economics* (2003-present)

Associate Editor, *Economics and Human Biology* (2002-present)

Editorial Board, *Research in Economics* (2001-present)

Co-Editor, *Journal of Human Resources* (2003-2007)

Chair, National Institutes of Health Study Section HOP-B (R21, R03, F32) (2006-2007)

Technical Advisory Committee, National Income Dynamics Survey, South Africa (2006-present)

Indonesia Family Life Survey (IFLS)

Co-director IFLS2 (1997/98) and IFLS2+ (1998)

National Academy of Sciences, Washington, D.C.

June, 2006 Expert Panel on *Cells and Surveys*

August, 2002 Expert Panel on *Priorities for Data Collection in Developing Countries*

January, 1996 Expert Panel on *Demographic Change in Low Income Populations -- presentation of "Fertility, contraceptive use and education in Southern Africa"*

July, 1992 Expert Panel on *Family and Development -- presentation of "The family and development: Gender, power and the distribution of resources within the household"*

July, 1990 Expert Panel on *Health and Development -- presentation of "Women's health and household functioning"*.

World Health Organisation

Member, Working Group 1, Commission on Macroeconomics and Health (2000-2001)

Educate Girls, International Center for Economic Growth

Advisory Board 2000-present

African Academy of Sciences, Nairobi, Kenya

Nov 1992-1997 Member, Technical Committee on Women and Education.

External Advisory Committee, *Strengthening Development Policy Through Gender Analysis*

(International Food Policy Research Institute/AID). 1996-1998.

Advisory Committee, *Priorities for Generating and Sharing Data for the Study of Economic Behavior in Low-Income Countries* (Yale University/Rockefeller Foundation). 1996-1999.