

## CURRICULUM VITAE

NAME: **GERMANO MWABU**

POSITION TITLE: Professor of Economics, School of Economics, University of Nairobi, Kenya,

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NATIONALITY: Kenyan

MARITAL STATUS : Married With Two Children

### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE(S)	YEAR(S)	FIELD OF STUDY
University of Nairobi, Nairobi, Kenya	BCom (honors)	1974	Commerce
University of Nairobi, Nairobi, Kenya	MA	1976	Economics
Boston University, Boston, MA	MA	1982	Economics
Boston University, Boston, MA	PhD	1984	Economics

### RESEARCH AND PROFESSIONAL EXPERIENCE

**UN Environment Program, Nairobi:** Finance Assistant, 1975;

**Institute for Development Studies, University of Nairobi:** Research Associate 1980-81, Research Fellow/Lecturer, 1984-87;

**Kenyatta University, Nairobi:** Senior Economics Lecturer, 1987-93; Chair, Business Education Department, 1988-89; Chair, Economics Department and Dean of Commerce, 1989-93; Associate Professor of Economics, 1994-96;

**Yale University,** Rockefeller Postdoctoral Fellow, 1993-96;

**World Institute for Development Economics Research, United Nations University:** Senior Research Fellow and Co-Director of Public Goods Project, 1996-97;

**Cornell Food and Nutrition Policy Program, Cornell University:** Research Associate, 1998;

**Gothenburg University, Economics Department:** Short-term Visitor, 1998;

**Economic Growth Center, Yale University:** Short term Visitor, 1999, 2002; Visiting Professor, 2005-6;

**African Economic Research Consortium (AERC):** Various periods since 1990s - Chairman of the core course committee, Lecturer at JFE, Academic Board Member, Resource Person at Biannual Workshops, Kenya Poverty Project Leader, Co-Coordinator of the Collaborative Poverty Project (joint with Erik Thorbecke); Coordinator, Reproductive Health, Growth & Poverty Project, 2006

**World Health Organization;** served in temporary advisor capacities since 1987-; Commissioner, Women's Health, WHO-AFRO, 2010-;

**Brookings Institution,** Short-term visitor, 2010;

**KIPPRA:** Consultant, YP Mentor, 2000-;

**University of Nairobi:** Associate Professor of Economics, October 1997-July 2004; Chairman, Department of Economics, July 2003-July 2005; Professor of Economics, August 2004-present; Visiting Professor, Research Institute for Economics and Business Administration, Kobe University, Japan, May to August, 2013.

## **PUBLICATIONS**

### ***Edited Books***

Reproductive Health, Economic Growth and Poverty Reduction in Africa (editor, with Olu Ajakaiye), University of Nairobi Press, June 2010.

Poverty in Africa: Analytical and Policy Perspectives (editor, with Augustin Fosu and Erik Thorbecke), University of Nairobi Press, 2009.

Decentralization and Devolution in Kenya (editor, with Thomas N. Kibua), Nairobi: University of Nairobi Press, 2008.

Malaria and Poverty in Africa (editor, with Augustin Fosu), Nairobi: University of Nairobi Press, 2007.

Improving Health Policy in Africa (editor, with Joseph Wang'ombe, David Okello and Gaspar Munishi), Nairobi: University of Nairobi Press, July 2004.

Social Provision in Low-Income Countries: New Patterns and Emerging Trends (editor), with Cecilia Ugaz and Gordon White, Oxford: Oxford University Press, May 2001.

### ***Books in which I served as a member of the authoring or editing committee***

Women's Health Report, WHO/AFRO, Brazzaville, 2012

Saving Lives, Buying Time: Economics of Malaria in an Age of Resistance, eds, Kenneth Arrow, Claire Panosian, and Hellen Gelband, Institute of Medicine, Washington D.C: The National Academies Press, July 2004. (This is the report of the Committee on the Economics of Antimalarial Drugs of which I was a member; Kenneth Arrow was the Committee Chairman).

Millions Saved: Proven Successes in Global Health (by Ruth Levine and the What Works Working Group with Molly Kinder), Washington D.C: Center for Global Development, July 2004. (I was a member of What Works Working Group; Ruth Levine was the Group Chair).

### ***Book Chapters***

"HIV/AIDS", in: Oxford Companion to the Economics of Africa, eds, E. Aryeetey, et al., 2012, Oxford University Press.

"National Transfer Accounts for Kenya: The Economic Life Cycle for 1994" (with M. Muriithi and R. Mutegei), 2011, in: NTA Volume, eds. A. Mason and R. Lee (University of Hawaii and University of California Berkeley), Edward Elgar Publishing.

"Education for Prosperity: Improving Access and Quality, in: *Kenya: Policies for Prosperity*, eds, Christopher Adam, Paul Collier, Njuguna Ndung'u, Oxford: Oxford University Press, 2010 (with Tessa Bold, Mwangi Kimenyi, and Justin Sandefur).

"The Demand for Health Care" in: G. Carrin et al, (eds), WHO Health Systems Policy, Finance and Organization, Academic Press, 2009 (Reprinted from Encyclopedia of Public Health, Elsevier, San Diego: Academic Press, 2008).

“Health Economics for Low-income Countries,” in: Handbook of Development Economics, *Volume 4*, eds, T. Paul Schultz and John Strauss, Elsevier, Amsterdam: North-Holland, 2008.

“The Demand for Health Care”, Encyclopedia of Public Health, Elsevier, San Diego: Academic Press, 2008.

“Predicting Rural Household Poverty: Methodological Issues and the PRSP Process in Kenya,” in: Frank Ellis and H. Ade Freeman, eds, Rural Livelihoods and Poverty Reduction Policies, London: Routledge, September 2004.

“Health Status and Policy in Sub-Saharan Africa: A Long-term Perspective,” (with Giovanni A. Cornia), in: Dharam Ghai (ed.), Renewing Social and Economic Progress in Africa, London: Macmillan Press, May 2000.

"Seasonality, the Shadow Price of Time and Effectiveness of Tropical Disease Control Programs", in: A. Herrin and P. Rosenfield, (eds.) Economics of Tropical Diseases, Manila: University of Philippines Press, 1988.

### ***Recent Working Papers and Reports***

“Empowering Young Africans to Live Their Dreams” (with Mark Henstridge, Nobuaki Hamaguchi, Hiroyuki Hino), Report to TICAD V, Yokohama, Japan, June 1-3, 2013.

“Inequalities and Social Cohesion in Kenya: Evidence and Policy Implications” (with B. Munga, Othieno Nyanjom, Eldah Onsomu and Nancy Mwangi), KIPPRA Report, July 2013.

“Interventions and Institutions: Experimental Evidence on Scaling UP Education Reforms in Kenya” (with Tessa Bold, Mwangi Kimenyi and Justin Sandefur), May 2012, Center for Global Development, Washington, D.C., Mimeo.

“Why Did Abolishing Fees Not Increase Public School Enrollment in Kenya?” (with Tessa Bold, Mwangi Kimenyi and Justin Sandefur), Center for Global Development, Washington, D.C., Working Paper No. 271, October 2011.

“The High Return to Private Schooling in a Low Income Country” (with Tessa Bold, Mwangi Kimenyi and Justin Sandefur), Center for Global Development, Washington, D.C., Working Paper No. 279, December 2011.

“Exploring Social Protection as an Instrument for Achieving Millennium Development Goals in Kenya, United Nations Economic Commission for Africa, Addis Ababa, Final Report, June 2011.

“Reforming Health Care in Kenya: Prospects for Health-In-All-Policies Approach” World Health Organization and Ministry of Public Health and Sanitation, Kenya, Final Report, April 2011.

“Human Development in Africa” (with Augustin Fosu), UNDP Working Paper No. 8, New York, June 2010.

“Health Systems Strengthening” African Medical and Research Foundation, Nairobi, January, 2010, Manuscript.

“Adoption and Impact of Conservation Agriculture in Central Ethiopia” (with Wondwossen, T., D. Aredo, R. La Rovere, W. Mwangi, G,T, Kassie), CIMMYT, Addis Ababa (March, 2010).

“The Role of Social Health Insurance in Achieving Health Millennium Goals in Africa”, United Nations Commission for Africa, Working Paper, 2008.

“Health Status in Africa: Intra-household Effects of Demographics, Wealth and User Fees”, University of Nairobi, CSAE conference paper, University of Oxford, 2008.

“Does Adoption of Improved Maize Varieties Reduce Poverty: Evidence from Kenya” (with Wilfred Mwangi, et al.), KIPPRA Working Paper, 2008.

### ***Journal Articles***

“Health Effects of Socioeconomic Status: Methods and Findings” (with Olu Ajakaiye), *African Development Review*, 24(4), DOI: 10.1111/1467-8268.12005, January 2013.

“The Affordable Medicines Facility--malaria: killing it slowly” (with Kenneth Arrow, Patricia Danzon, Hellen Gelband, Dean Jameson, Ramanan Laxminarayan, Anne Mills, Claire Panosian, Richard Peto, Nicholas White), *The Lancet*, 380(9857), 2012.

“National Transfer Accounts for Kenya and Nigeria: Some Estimation Results (with A. Soyibo, Olaniyan, and M. Muriithi, *African Statistical Journal*, Vol. 15, 2012.

“Adoption and Continued Use of Improved Maize Seeds: Case Study of Ethiopia (with M. Tura, D. Aredo, W. Tsegaye, G. Tesfahun, W. Mwangi), *African Journal of Agricultural Research*, August 2010, Volume 5, No. 17, pp. 2350-2358.

“Poverty-environmental Links: The Impact of Soil and Environmental Conservation and Tenure Security on Household Welfare in Kenya” (with Jane Mariara, et al), *Journal of Development and Agricultural Economics*, February 2010, Volume 2, No. 2, pp. 41-53.

“The Production of Child Health in Kenya: A structural Model of Birth Weight”, *Journal of African Economies*, Volume 18, No. 2 (January 2009): 212-260.

“Policy Advice During a Crisis” (with S. Mwangi Kimenyi), *Journal of Third World Studies*, XXIV (2), Fall 2007, pp. 11-26.

“Human Capital Externalities and Returns to Education in Kenya,” (with Damiano K. Manda and S. Mwangi Kimenyi), *Eastern Economic Journal*, 32: (2006), pp. 493-513.

“Trade Union Membership and Earnings in Kenyan Manufacturing Firms,” (with Damiano K. Manda and Arne Bigsten), *Applied Economics*, 37:15 (2005), pp. 1693-1704, August.

“Determinants of Health Insurance Ownership Among South African Women” (with Joses M. Kirigia, Luis G. Sambo, Benjamin Nganda, Rufaro Chatora and Takondwa Mwase), *BMC Health Services Research* 2005, 5:17doi:10.1186/1472-6963-5-17.

“Health Economics: Potential Applications in HIV/AIDS Control in Africa” (with Joses M. Kirigia, Luis G. Sambo, Emilienne Anikpo and Eddie Karisa), *African Journal of Health Sciences*, 12: 1 (2005), pp. 1-12.

“Impact of Disaster-related Mortality on Gross Domestic Product in the WHO Africa Region” (with Joses M. Kirigia, Luis G. Sambo and William Aldis), *BMC Emergency Medicine* 2004, 4:1doi:10.1186/1471-227X-4-1.

“Rural Development, Growth and Poverty in Africa,” (with Erik Thorbecke), *Journal of African Economies*, 13: AERC Supplement (2004), pp. i16-i65, July.

- “Predicting Household Poverty” (with S. Mwangi S. Kimenyi, Paul Kimalu, Nancy Nafula, Damiano Manda), African Development Review, 15:1(2003), pp. 77-85, June.
- “The Demand for Medical Care in Kenya,” (with Joseph Wang’ombe, and Benjamin Nganda), African Development Review, 15: 2-3(2003), pp. 439-453.
- “Financing Medical Care Through Insurance,” (with Joseph Wang’ombe, Benjamin Nganda, Octavian Gakuru), African Development Review, 14:1(2002), pp. 75-97, June.
- “The Burden of Natural and Technological Disaster-related Mortality on Gross Domestic Product (GDP) in the WHO Africa Region,” (with Joses Kirigia, Luis Sambo, and W. Aldis), African Journal of Health Sciences, 9: 2 (2002), pp. 169-180.
- “The Impact of HIV/AIDS on Gross Domestic Product (GDP) in the WHO Africa Region,” (with Joses M. Kirigia, Luis G. Sambo, Tuoyo Okorosobo), African Journal of Health Sciences, 9: 1(2002), pp. 27-39.
- “Health Status in Africa: A Regional Profile”, South African Journal of Economics, 69:2 (2001), pp. 319-335, June.
- “The Effect of Agricultural Extension on Farm Yields in Kenya” (with Robert Evenson), African Development Review, 13:1(2001), pp. 1-23, June.
- “Intra-household Allocations: A Review of Theories and Empirical Evidence,” (with John Strauss and Kathleen Beegle), Journal of African Economies, 9:Suppl. 1(2000), pp. 83-143.
- “Poverty, Inequality and Intra-household Allocation Issues in Sub-Saharan Africa: an Overview” (with Augustin Fosu), Journal of African Economies, 9: Suppl. 1(2000), pp. 3-8.
- "Wage Premiums for Education and Location of Workers in South Africa, by Gender and Race" (with T. Paul Schultz), Economic Development and Cultural Change, 48:2(2000), pp. 307-334.
- "Labor Unions and the Distribution of Wages and Employment in South Africa," (with T. Paul Schultz), Industrial and Labor Relations Review, 51:4(1998), pp. 681-703.
- “Financing Rural Health Services in Kenya,” (with Joseph Wang’ombe), Population Research and Policy Review, 17:1(1998), pp. 55-70.
- “Health Service Pricing Reforms in Kenya,” (with Joseph Wang’ombe), International Journal of Social Economics, 24:1-3(1997), pp. 282-293.
- “A Model of Occupational Choice Applied to Rural Kenya,” (with Robert E. Evenson), African Development Review, 9:2(1997), pp. 7-14.
- “Household Composition and Expenditures on Human Capital Formation in Kenya,” (with Robert E. Evenson), in T. Paul Schultz (ed.), Research in Population Economics, 8 (1996), pp. 205-232, Greenwich, CT: JAI Press.
- "Education Returns Across Quantiles of the Wage Function: Alternative Explanations for Returns to Education by Race in South Africa," (with T. Paul Schultz), American Economic Review, 86:2(1996), pp. 335-339.

- “Black Market Trade: An Example from a Rural District in Kenya,” (with Joseph Wang’ombe), Applied Economics Letters, 3: 4(1996), pp. 213-215.
- “User Charges in Government Health Facilities in Kenya: Effect on Attendance and Revenue,” (with James Mwanzia and Wilson Liambila), Health Policy and Planning, 10:2(1995), pp. 164-170.
- “Health Care Reform in Kenya: A Review of the Process,” Health Policy, 32 (1995), pp. 245-255.
- “Quality of Medical Care and Choice of Medical Treatment in Kenya: An Empirical Analysis,” with Martha Ainsworth and Andrew Nyamete), Journal of Human Resources, 28: 4(1993), pp. 838-862.
- “Agricultural Land Use Patterns and Malaria Conditions in Kenya,” (with Joseph Wang’ombe), Social Science and Medicine, 37:9(1993), pp. 1121-1130.
- “Economic Development and Malaria Prevalence: An Empirical Analysis with Reference to Kenya,” in Malaria and Development in Africa, American Association for the Advancement of Science, 1991, Washington, D.C.
- "Non-monetary Factors in the Household Choice of Medical Facilities", Economic Development and Cultural Change, 37: 2(1989), pp. 383-92.
- "Referral Systems and Health Care Seeking Behavior of Patients: An Economic Analysis", World Development, 17: 1(1989), pp. 85-92.
- "A Comment on Kenyan Migration Movement", Eastern Africa Economic Review, 3:2(1987), pp. 143-145.
- "The Economics of Essential Drugs Schemes: The Perspectives of Developing Countries" (with Joseph Wang’ombe). Social Science and Medicine, 25: 6(1987), pp. 625-630.
- "Health Care Decisions at the Household level: Results of a Rural Health Survey in Kenya", Social Science and Medicine, 22: 3(1986), pp. 315-319.
- “Health care financing in Kenya: A simulation of welfare effects of user fees,” Social Science and Medicine, 1986.
- "A Portfolio Model of Patients' Behavior", Eastern Africa Economic Review", 3 (1986).
- “The Economics of Health and Nutrition in Kenya,” (with W. M. Mwangi), Social Science and Medicine, 1986.

### **Association with Professional Journals**

Associate Editor, *African Development Review* (1999-); *Environment and Development Economics* (1995-98); Guest Editor (with D. Mahadea), *South African Journal of Economics* (2000) & with A. Fosu, *Journal of African Economies* (2000); Associate Editor, *Journal of African Economies* (2002-); Editorial Board Member, *Health Policy and Planning* (1989-2003) and *Environment and Development Economics* (1998-).

### **STUDENTS RESEARCH & EXAMINATIONS**

Successfully supervised 22 PhD Theses at University of Nairobi; Kenyatta University; University of Helsinki; Maseno University, and over 60 MA economics theses at Kenyatta University and the University of Nairobi; currently supervising 4 PhDs.

External Examiner for bachelor's and masters degrees (Universities of Botswana, Egerton, Maseno and Zimbabwe); external examiner for doctoral theses at the University of Cape Town, South Africa; University of South Wales, Australia.

**Fields:** Health economics, Microeconometrics, Poverty Analysis and Development Economics.

### **MEMBERSHIP IN LEARNED SOCIETIES**

International Health Economics Association, current

The Royal Economic Society, previous

American Economic Association, previous

**Nature Of Research:** Collaborative, policy-oriented research.

**Major Research Grants from:** African Economic Research Consortium, Carnegie Foundation of New York, International Development Research Centre (IDRC, Canada).

**Conferences:** I attend workshops and conferences regularly every year.

**Consultancies:** I have served as a consultant for the World Health Organization, World Bank, UNICEF, UN Security Council, USAID/Kenya Office, Ministries of Health (Kenya and Zambia), African Medical and Research Foundation, World Health Assembly, Global Alliance for Vaccines and Immunizations (GAVI), Ministries of Finance, Planning and Local Government (Kenya), Institute of Policy Analysis and Research, Kenya Institute for Public Policy Research and Analysis, African Development Bank, Save the Children, UK; Japanese Bank for International Cooperation; United Nations Economic Commission for Africa.

### **REFEREES**

Professor T. Paul Schultz, Economic Growth Center, Yale University, New Haven, CT.

Professor Erik Thorbecke, Department of Economics, Cornell University, Ithaca, New York.

Professor Olu Ajakaiye, Director, Center for Shared Capacity Development, Ibadan, Nigeria.

### **PHYSICAL AND EMAIL ADDRESSES**

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