

William A. Masters

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EDUCATION

Stanford University, Ph.D. (1991) in Applied Economics at the [Food Research Institute](#)
Yale University, B.A. (1984) in Economics and Political Science
Deep Springs College (1979-1981), no degrees -- course credits transferred to B.A.

EMPLOYMENT

Tufts University (July 2010 - present), [Friedman School of Nutrition Science and Policy](#)
Chair (from 7/11) and *Professor* (from 7/10), Department of Food and Nutrition Policy,
responsible for academic leadership of multidisciplinary graduate programs involving 18
faculty and about 150 students per year.

Purdue University (December 1991 - June 2010), [Department of Agricultural Economics](#)
Associate Head, (2/07-6/10) and *Professor* (4/02-6/10), previously Associate Professor
(7/96-4/02) and Assistant Professor (12/91-7/96), with increasing responsibilities over
graduate and undergraduate programs in the economics of food and agriculture.

Columbia University (September 2003-August 2004), [The Earth Institute](#)
Visiting Professor, [School of International and Public Affairs](#) and *Interim Executive*
Director, [Center on Globalization and Sustainable Development](#). Led a diversified
social-science research program of 8 staff and 20 affiliated faculty.

Harvard University (1/2000 – 12/2000), [Kennedy School of Government](#)
Visiting Scholar, [Center for International Development](#).

Stanford University (1985-1991)
Graduate Fellow, Teaching and Research Assistant in the [Food Research Institute](#)

University of Zimbabwe, Harare, Zimbabwe (1988-1990)
Research Associate and part-time lecturer

SELECTED HONORARY APPOINTMENTS AND PROFESSIONAL SERVICE

Editor, [Agricultural Economics](#), 2007-2011 (with [Gerald Shively](#))
Board of Trustees, [Deep Springs College](#), 2002-2011(chair, Academic Affairs ctee.)
Experts Ctee., [Chicago Initiative on Global Agricultural Development](#), 2008-2009
Advisory Ctee., [Global Entrepreneurship X-Prize](#) (Santa Monica, CA), 2007-2008
Contributing author for the [UN Millennium Ecosystem Assessment](#), 2002-04
Member, [Network of IFPRI Associates](#) (Washington, DC), 2000-2002

LANGUAGES

Fluent French, some Spanish

PROFESSIONAL AWARDS, ASSOCIATIONS AND ACTIVITIES

Recipient of a Harry S. Truman Scholarship, Fulbright research grant and other awards

GRANTS AND CONSULTANCIES

Principal investigator or co-PI on over \$10 million in grants and projects since 1988.

SELECTED RECENT PUBLICATIONS**Books**

- Economics of Agricultural Development* (2nd ed. 2010), with George Norton and Jeffrey Alwang. New York: Routledge. (See also [review of the 1st edition in ERAE](#)).
- Distortions to Agricultural Incentives in Africa* (2009), with Kym Anderson (eds.). Washington DC: The World Bank.

Refereed Journal Articles

- “Does Child Undernutrition Persist Despite Poverty Reduction in Developing Countries? Quantile Regression Results” (2012), with Stephen A. Block and Priya Bhagowalia, *Journal of Development Studies*, in press.
- “Effects and Determinants of Mild Underweight among Preschool Children across Countries and Over Time” (2011), with Priya Bhagowalia and Susan Chen. *Economics and Human Biology* 9(1, January): 66-77.
- “Entry into Winner-Take-All and Proportional-Prize Contests: An Experimental Study” (2010), with Tim Cason and Roman Sheremeta. *Journal of Public Economics* 94(9-10, October): 604-611.
- “Paying for Prosperity: How and Why to Invest in Agricultural Research and Development in Africa” (2005), *Journal of International Affairs*, 58(2): 35-64.
- “Research Prizes: A New Kind of Incentive for Innovation in African Agriculture” (2005), *International Journal of Biotechnology* 7(1/2/3): 195-211.
- “Complementarity and Sequencing of Innovations” (2004), with Michael Johnson. *Economics of Innovation and New Technology*, 13(1): 19-31.
- “Research Prizes: A Mechanism to Reward Agricultural Innovation in Low-Income Regions” (2003), *AgBioForum* 6(1&2): 71-74.
- “An African Growth Trap: Production Technology and the Time-Consistency of Agricultural Taxation, R&D and Investment” (2003), with Margaret S. McMillan. *Review of Development Economics*, 7(2): 179-191.
- “Welfare Gains from Quality Certification of Infant Foods: Results from a Market Experiment in Mali” (2002), with Diakalia Sanogo, *American Journal of Agricultural Economics*, 84(4): 974-989.
- “A Market-Based Approach to Child Nutrition: Mothers’ Demand for Quality Certification of Infant Foods in Bamako, Mali” (2002), with Diakalia Sanogo, *Food Policy*, 27(3): 251-268.

Chapters in Books

- “Transformational Incentives for Innovation and Aid Effectiveness: Pull Mechanisms, Contests, and Prizes,” in R. Shah and S. Radelet, eds., *Frontiers in Development*. Washington, DC: USAID, May 2012.
- “Africa’s Turnaround: From Crisis to Opportunity in African Agriculture”, chapter 11 in David R. Lee and Muna B. Ndulo, eds., *Food and Financial Crises: Impacts on Sub-Saharan Africa*, Wallingford, UK: CAB International, 2011.
- “Economic Development, Government Policies and Food Consumption“, chapter 14 in Jayson Lusk, Jutta Roosen and Jason Shogren, eds., *Oxford Handbook on the Economics of Food Consumption and Policy*, New York: Oxford University Press, 2011.

Teaching material

- “Why are Kiwis so Cheap?” (2009), in the *Freakonomics* blog.
- “The Economic Impact of Agricultural Research: A Practical Guide” (2003), book and website with spreadsheet exercises; available in French with an earlier English version.