

BRAKER HALL  
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DEPARTMENT OF ECONOMICS  
TUFTS UNIVERSITY  
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## MARGARET STOKES MCMILLAN

### APPOINTMENTS

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JRN Family Professor of International Relations, September 2020 -  
PhD Program Director, Tufts University, April 2017 -  
International Advisory Board, AAAWE, 2014 -  
Guest Editor, World Development, 2011-2013  
External Examiner, University of Botswana, 2009-2011  
Northeast Universities Development Consortium, Executive Committee 2009 -  
Faculty Research Associate, National Bureau of Economic Research, 2005 -  
Professor of Economics, Tufts University, 2015 -  
Associate Professor of Economics, Tufts University, 2004 -2014  
Assistant Professor of Economics, Tufts University, 1998-2004

### OTHER APPOINTMENTS

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Senior Research Fellow, Development Strategy and Governance Division, International Food Policy Research Institute, Washington, D.C., September 2012 - present.  
Division Director and Deputy, Development Strategy and Governance Division, International Food Policy Research Institute, Washington, D.C., 2010 – August 2012.  
Lead Researcher, Trade and Employment, International Labor Organization, 2009 -2010  
Workshop Leader, Trade and Poverty: Empirical Methods, Botswana Institute for Development Policy, Gaborone, Botswana, 2009  
Special Sworn Employee, United States Bureau of Economic Analysis, International Investment Division, Washington, D.C., December 2002-  
Consultant, Diagnostic Trade Integration Study Ethiopia, World Bank, 2002-2004  
Senior Economist, Equity and Growth through Economic Research, USAID, 1997-2000  
Consultant, United Nations Development Programme, New York, 1995  
Consultant, The World Bank, Africa Adjustment Study Update, Washington, D.C., 1994  
Chief of Party, World Bank, Cooperative and Rural Development Bank, Tanzania, 1990-1993

Consultant, Central Bank, Dar es Salaam, Tanzania, 1989-1990  
Consultant, Lonrho Tanzania, Dar es Salaam, Tanzania, 1989-1990  
Associate, Capital Markets, Equator Bank Limited, Hartford, Connecticut, 1987-1989  
Financial Analyst, Shearson Lehman Brothers, New York, 1985-1987  
Assistant Junior Program Officer, United Nations Development Programme, Mali, 1984  
United States Peace Corps Volunteer, Bougouni, Mali, 1981-1983

## EDUCATION

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Columbia University, Ph.D. in Economics *with Distinction*, 1998  
*Fields: International Trade, Industrial Organization, Development*

Princeton University, Woodrow Wilson School, WWS Fellowship, M.P.A., 1985

Boston University, B.S. in Mathematics and Economics, *summa cum laude*, 1981

## GRANTS, FELLOWSHIPS, AND AWARDS

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Principal Investigator, “An Analysis of Alternative Paths to Export Led Industrialization in Low Income Countries: Evidence from Ethiopia and Tanzania”, PEDL/DFID, Major Research Grant 2019-2022 \$300K

Principal Investigator, “Explaining Patterns of Growth in Sub-Saharan Africa”, DFID/ESRC, 2019-2021 \$129K

Principal Investigator, “Industrial Zones and Domestic Firm Performance in Ethiopia, Tanzania and Vietnam”, PEDL/DFID, Exploratory Research Grant 2018-2019 \$40K

Principal Investigator, “Micro, Small and Medium Size Enterprise Map of Tanzania”, International Growth Center (IGC)/London School of Economics, 2018-2019, \$69K

Principal Investigator, “Designing and Evaluating Targeted Lending for Small Businesses in Tanzania”, International Growth Center (IGC)/London School of Economics, 2016-2017/2018-2019, \$130K

Principal Investigator, “Economic Transformation from the Bottom Up”, International Growth Center (IGC)/London School of Economics, 2016-2017/2017-2018, \$60K

Best Paper Award, “Economic Transformation in Africa from the Bottom Up,” China Agricultural Economic Review and IFPRI 8<sup>th</sup> Annual Research Conference, Beijing China October 2016

Co-PI (with Deborah Brautigam), “China, FDI and Structural Transformation in Africa”, Economic and Social Research Council UK, 2016-2019, \$1,100K

Principal Investigator, “The Role of Asian Investment in Manufacturing in Catalyzing Economic Development in Africa”, PEDL/DFID, \$500K

Publication of Enduring Quality Award for “Climate and Scale in Economic Growth”, April 2014, Agricultural and Applied Economics Association

Principal Investigator, Center for Economic Policy Research, 2012 \$75K, 2013-2015 \$660K

Principal Investigator, Economic and Social Research Council/DFID, 2012-2015, \$1,500K

Principal Investigator, World Bank, 2011, 2011-2014 \$380K

Principal Investigator, Gates Foundation, 2009, \$100K

Principal Investigator, Lifespan/Tufts/Brown Center for AIDS Research, \$50K

Radcliffe Fellow, Radcliffe Institute for Advanced Study, 2005/2006

Co-PI (with Ann Harrison), National Science Foundation, 2004-2007, \$350K

Undergraduate Initiative in Teaching Award, 2004.

Distinction, PhD, Columbia University, 1998.

President’s Fellow, Columbia University, 1993 -1997.

Center for International Business Education, Research Grant, Columbia University, 1995.

Woodrow Wilson Fellow, Princeton University, 1983-1985.

Summa Cum Laude in Mathematics and Economics, Boston University, 1981

## PUBLICATIONS

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“Foreign direct investment and knowledge diffusion in poor locations: Evidence from Ethiopia” forthcoming The Journal of Development Economics, (with Girum Abebe and Michel Serafinelli)

“Economic Transformation in Africa from the Bottom Up – New Evidence from Tanzania,” The World Bank Economic Review, 34 (Supplement\_1), pp. S58-S62, December 2020 (with Xinshen Diao, Josaphat Kweka and Zara Qureshi)

“Trade Liberalization and Labor Market Adjustment in Botswana”, The Journal of African Economies, Volume 29, Issue 3, June 2020, Pages 236-270 (with Brian McCaig)

“The recent growth boom in developing economies: A structural change perspective”, The Palgrave Handbook of Development Economics: Critical Reflections on Globalization and Development, Edited by Jose Antonio Ocampo, 2019 (with Xinshen Diao and Dani Rodrik)

“Manufacturing in Ethiopia and Tanzania: Challenges and Opportunities” The Annual Proceedings of the Wealth and Well-Being of Nations, Beloit College Press, 2019

Optimal local content for extractive industries: How can policies best create benefits for Tanzania? Forthcoming in Natural Resources, Structural Change and Industry in Africa, edited by John Page and Finn Tarp (with Mia Ellis)

“Understanding the Role of Rural Non-Farm Enterprises in Africa’s Economic Transformation: Evidence from Tanzania” The Journal of Development Studies, 54:5, 833-855 (with Xinshen Diao and Eduardo Magalhaes) 2018

“Small Firms, Structural Change and Labor Productivity Growth in Tanzania,” World Development Volume 105, pp 400-415 (with Xinshen Diao, Josaphat Kweka) May 2018

“Agricultural Labour Productivity and Industrialisation: Lessons for Africa”, Journal of African Economies, Volume 27, Issue 1, 1 January 2018, Pages 28–65, (with Xinshen Diao and Sam Wangwe)

“The Changing Structure of Africa’s Economies”, The World Bank Economic Review, Volume 31, Issue 2, 1 June 2017, Pages 412–433 (with Xinshen Diao and Kenneth Harttgen)

“Unlocking Tanzania’s Manufacturing Potential”, in Adam, Christopher S., Paul Collier, and Benno Ndulu, eds. Tanzania: The Path to Prosperity. Oxford University Press, 2017.

“Understanding African Poverty Over the Longue Duree: A Review of Africa’s Development in Historical Perspective,” Journal of Economic Literature, vol. 54, no. 3, September 2016

“Why I’m Hopeful About Africa in 2016,” published in Foresight Africa: Top Priorities for the Continent in 2016, Brookings Institution, Washington DC, January 2016

"Africa’s Quiet Revolution." The Oxford Handbook of Africa and Economics: Policies and Practices (2015): 39. Editors Justin Lin and Celestin Monga (with Ken Harttgen)

“Understanding Economic Transformation in Africa,” World Development, Volume 63, Pages 1-10, November 2014, (with Derek Headey)

“Globalization, Structural Change and Productivity Growth: With An Update on Africa,” World Development, Volume 63, Pages 11-32, November 2014, (with Dani Rodrik and Inigo Verduzco)

[lead article] "Estimating the Impact of Trade and Offshoring on American Workers Using the Current Population Surveys," Review of Economics and Statistics, Vol. 96, No. 4, Pages 581-595, October 2014, (with Ann Harrison and Avi Ebenstein)

"Disease Control, Demographic Change and Institutional Development in Africa," Journal of Development Economics, Volume 110, Pages 313-326, September 2014, (with Harounan Kazianga and William Masters)

“The Changing Structure of Africa’s Economies,” background paper for the African Development Bank, African Economic Outlook 2013: Natural Resources and Structural Change

“The Role of Foreign Investment in Ethiopia’s Leather Value Chain,” Ghana Strategy Support Program, Policy Brief, 2013  
<http://www.ifpri.org/publication/role-foreign-investment-ethiopia-s-leather-value-chain>

“Blue Skies: How One Firm Overcame Binding Constraints,” Ghana Strategy Support Program, Policy Brief, 2013  
<http://www.ifpri.org/publication/blue-skies>

“Measuring the Impact of Structural Change on Labor’s Share of Income.” Background paper for WDR 2013 and results published in: World Development Report 2013: Jobs, World Bank. 2012. Washington, DC: World Bank. (with Inigo Verduzco)

“Globalization, Structural Change and Productivity Growth,” 2011. Results reprinted in; World Development Report 2013: Jobs, World Bank. 2012. Washington, DC: World Bank. (with Dani Rodrik)

“Understanding Economic Transformation in Africa through Country Studies,” Journal of African Development, Spring 2012, Volume 14, No. 12. (with Derek Headey)

“Recent Perspectives on Trade and Inequality.” Annual Review of Economics, Vol. 3: 261 - 289 Volume publication date September 2011. (with Ann Harrison and John McLaren)

“Offshoring Jobs? Multinationals and U.S. Manufacturing Employment.” August 2011. Review of Economics and Statistics, Vol. 93, No. 3, Pages 857-875. (with Ann Harrison)

“Crop Price Indemnified Loans for Farmers: A Pilot Experiment in Rural Ghana.” 2011. Journal of Risk and Insurance, 78: 37–55. (with Karlan, D., Kutsoati, E., and Udry, C)

“Globalization, Structural Change and Productivity Growth,” 2011. In Making Globalization Socially Sustainable, edited by Mark Bachetta and Marion Jansen, International Labor Organization, Geneva Switzerland. (with Dani Rodrik)

“New Evidence on Trade and Employment: An Overview.” September, 2011. In Trade and Employment: From Myths to Facts, edited by Marion Jansen, Ralf Peters and Jose Manuel Salazar-Xirinachs, A joint publication of the International Labor Organization and the European Commission, ILO, Geneva. (with Inigo Verduzco-Gallo)

"Production Offshoring and Labor Markets: Recent Evidence and a Research Agenda." 2010 in ed. Guido Porto Adjustment to Trade, World Bank.

"Profit Sharing Between Host Countries and Multinationals in Natural Resource Extraction: An Empirical Investigation", Brookings Trade Forum 2007. (with Andrew Waxman)

"On the links between globalization and poverty," forthcoming in Ravi Kanbur and A. Michael Spence, eds., *Equity in a Global World*, originally published in Journal of Economic Inequality, 5(1): 123-134, April, 2007.

"Food Aid and Poverty ," American Journal of Agricultural Economics, Volume 89, Number 5, December 2007, pp. 1152-1160(9). (with Barrett Kirwan)

Review of The White Man's Burden by William Easterly, The Penguin Press (2006). Journal of International Economics, Volume 73, Issue 1, September 2007, Pages 213-215.

"U.S. Multinational Activity Abroad and U.S. Jobs: Substitutes or Complements?" Journal of Industrial Relations, Vol. 46, No. 2, pp. 347-365, April 2007. (with Ann Harrison and Clair Null)

"Does Food Aid Harm the Poor? Household Evidence from Ethiopia," in Ann Harrison, ed., Globalization and Poverty, Chicago: University of Chicago Press and the National Bureau of Economic Research, 2007.

"My Policies or Yours: Do OECD Agricultural Policies Affect Poverty in Developing Countries?" in Ann Harrison, ed., Globalization and Poverty, Chicago: University of Chicago Press and the National Bureau of Economic Research, 2007.

[lead article] "Dispelling Some Myths About Offshoring", Academy of Management Perspectives, 2006. (with Ann Harrison)

Review of "Global Agricultural Trade and Developing Countries", The World Bank, Journal of Economic Literature, 2006.

"Global Capital Flows and Financing Constraints," Journal of Development Economics , 75(1): 269-301, October 2004. (with Ann Harrison and Inessa Love)

"When Economic Reform Goes Wrong: Cashew in Mozambique," Brookings Trade Forum 2003. (with Dani Rodrik and Karen Welch)

"Does Direct Foreign Investment Affect Domestic Firms Credit Constraints?" Journal of International Economics, vol. 61, Issue 1, October 2003. (with Ann Harrison)

"An African Growth Trap: Production Technology and the Time-Consistency of Agricultural Taxation, R&D and Investment," Review of Development Economics, vol. 7, no. 2, May, 2003. (with William Masters)

"Leadership or Institutions? Reputation, Retaliation and Opportunistic Taxation," in John McLaren (editor), Institutional Elements of Tax Design and Reform, World Bank, Washington, D.C., January, 2003.

"Ethnolinguistic Diversity, Government and Growth," in Frank Salter (editor), Welfare, Ethnicity and Altruism: New Findings and Evolutionary Theory, London, Frank Cass, 2003. (with William Masters)

Review of: African Economies in Transition. Volume 1. The Changing Role of the State. Volume 2. The Reform Experience, Jo Ann Paulson (editor), Journal of Economic Literature, vol. 39, no. 2, June, 2001.

"Climate and Scale in Economic Growth," Journal of Economic Growth, vol. 6, no.3, September, 2001.. (with William Masters)

"Why Kill the Golden Goose? A Political Economy Model of Export Taxation," Review of Economics and Statistics, vol. 83, no. 1, February, 2001.

"Understanding the Political Economy of Tropical Agriculture," American Journal of Agricultural Economics, vol. 82, no. 3, August, 2000. (with William Masters)

## BOOKS

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Structural Change, Fundamentals and Growth: A Framework and Country Studies, (Edited by Margaret McMillan, Dani Rodrik and Claudia Sepulveda) published by IFPRI/PRC April 2017. With contributions from Dani Rodrik, Margaret McMillan, Nina Pavcnik, Devashish Mitra, Sebastian Galliani, Dietrich Vollrath, Remi Jedwab, Brian McCaig, Sergio Firpo, James Thurlow and Danielle Resnick

## WORKING PAPERS AND WORK IN PROGRESS

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"Africa's Manufacturing Puzzle: Evidence from Tanzanian and Ethiopian Firms" 2021, No. 28344, National Bureau of Economic Research, 2021. (with Mia Ellis, Xinshen Diao and Dani Rodrik)

"Special Economic Zones in Vietnam", (with Brian McCaig, Marina Ngoma and Anh Pham)

"A Small Business Map of Tanzania", (with Mia Ellis and Cynthia Kinnan)

"The recent growth boom in developing economies: A structural change perspective", (with Xinshen Diao and Dani Rodrik) No. w23132. National Bureau of Economic Research, 2017.

"Chinese Investment in Africa: How Much Do We Know?" (with Deborah Brautigam, Xinshen Diao and Jed Silver), featured in PEDL/DFID Policy Insights:  
<https://pedl.cepr.org/sites/default/files/PEDL%20Policy%20Insights%20Series%20-%20No.3.pdf>

## RePEC Rankings and Google Citations

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Top 1% All Registered Female Economists (14,057)

Top 4% All Registered Economists (52,360)

Google Scholar Citations: 7,119

## SELECTED MEDIA COVERAGE

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“Why Africa’s Development Model Puzzles Economists” The Economist, August 2017  
<https://economist.com/news/finance-and-economics/21726697-structural-transformation-its-economies-not-following-precedents-why>

"Chinese Investment in Africa," [VoxDev.org](http://VoxDev.org), July 2017.  
<https://voxdev.org/topic/finance/chinese-investment-africa>

“Exploring Pathways to Economic Development” NBER Digest, National Bureau of Economic Research, May 2017. <http://www.nber.org/digest/may17/w23132.shtml>

“Driving Domestic Investment: FDI Use and Source Matter” March 13, 2017  
<http://www.theigc.org/blog/driving-domestic-investment-fdi-use-source-matter/>

“Why Latin America and Africa Struggle to Grow” February 1, 2017  
<https://www.bloomberg.com/view/articles/2017-01-27/why-latin-america-and-africa-struggle-to-grow>

“The Myth of de-Industrialisation in Sub-Saharan Africa,” published in [This is Africa](#) a publication of the *Financial Times*, May 29, 2014

"Why are American Workers Getting Poorer? Estimating the Impact of Trade and Offshoring Using the Current Population Surveys,"  
<http://www.nytimes.com/2014/04/02/opinion/edsall-is-the-american-middle-class-losing-out-to-china-and-india.html?hp&rref=opinion&r=0>

“Africa’s Quiet Agricultural Revolution,” published in [This is Africa](#) a publication of the *Financial Times*, January 6, 2014

“Is China Driving the Wrong Kind of Structural Change in the U.S.?” Dani Rodrik’s Weblog, 2011 [http://rodrik.typepad.com/dani\\_rodriks\\_weblog/2011/06/is-china-driving-the-wrong-kind-of-structural-change-in-the-us.html](http://rodrik.typepad.com/dani_rodriks_weblog/2011/06/is-china-driving-the-wrong-kind-of-structural-change-in-the-us.html)

“Offshoring, International Trade, and American Workers,” Ann Harrison and Margaret McMillan, NBER Reporter Number 4, National Bureau of Economic Research, December 2011.

“Trade, Employment and Structural Change,” Let’s Talk Development, World Bank Blog, 2010  
<http://blogs.worldbank.org/developmenttalk/trade-employment-and-structural-transformation>

"International trade, offshoring, and US wages," [CEPR VOxEU.org](http://CEPR.VOxEU.org), August 31, 2009. (with Avi Ebenstein, Ann Harrison and Shannon Phillips)



“Ending Famine by Ignoring the Experts?” Dani Rodrik’s Weblog, 2007,  
[http://rodrik.typepad.com/dani\\_rodriks\\_weblog/2007/12/ending-famine-b.html](http://rodrik.typepad.com/dani_rodriks_weblog/2007/12/ending-famine-b.html)

“Does Food Aid Harm the Poor?” NBER Digest summary of this paper:  
<http://www.nber.org/digest/mar05/w11048.html>. (with James Levinsohn)

"My Policies or Yours: Do OECD Agricultural Policies Affect Poverty in Developing Countries?" New York Times,  
<http://www.tufts.edu/~mmcmilla/papers/McMillanNYT.pdf>. (with Nava Ashraf and Alex Zwane)

“Climate and Scale in Economic Growth,” The Times of London, the Toronto Star, the Indianapolis Star, ABC News at: <http://abcnews.go.com/Technology/story?id=98232t>

## INVITED LECTURES SPRING 2019 – WINTER 2021

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Keynote Speaker, United Nations University, The Future of Industrial Work: New Pathways and Policies of Structural Transformation, September 2019 <http://fw.merit.unu.edu/>

Invited Speaker, NBER Conference on China: Featuring Development Economics, Beijing, China, May 2019

Invited Speaker, SAIS/CARI Johns Hopkins, Catalysts, Competition and Learning: Knowledge, Skills and Technology Transfer in China-Africa Engagements, April 2019  
<http://www.sais-cari.org/new-events/2019annualconference>

Invited Speaker, United Nations University WIDER, Macro Drivers of Structural Change, March 2019 <https://www.wider.unu.edu/event/macrodrivers-structural-transformation>

Invited Panelist, Harvard University, A Forum on Sierra Leone Featuring President Julius Maada, March 2019 <https://africa.harvard.edu/event/visit-president-bio-sierra-leone>

## OTHER PRESENTATIONS AND SEMINARS

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AEA Meetings (3), African Economic Research Consortium (2), African Finance and Economics Association, Bank of Tanzania, Botswana Institute for Development Policy Analysis, Brookings Institution (3), Brown University, Center for Global Development, City University of New York, Columbia University (2), Cornell University, Dartmouth College, University of Delaware, Development Economics Study Group (U.K.), Economic and Social Council of the United Nations, Ethiopian Economics Association, Federal Reserve Bank of Boston, Financial Sector Deepening Trust, Harvard University (5), Indiana University, International Monetary Fund (2), Latin America and the Caribbean Economics Association, London School of Economics, NBER (4), NBER Summer Institute, New York University

Leonard Stern School of Business, Northeastern, Northeast Universities Development Conference (2), Overseas Development Institute (3), Oxford University (3), Princeton University, Purdue University, William Davidson Institute (2), World Bank (4), United Kingdom Department for International Development (DIFD), United States Agency for International Development (3), United Nations Industrial Organization, United Nations University (WIDER), United States Bureau of Economic Analysis, University of California Berkeley, University of Maryland, University of Minnesota, University of Oklahoma, University of Toronto, Yale University.

## REFEREEING

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American Economic Review, American Journal of Agricultural Economics, Economic Development and Cultural Change, Economics and Politics, Econometrica, Journal of African Economies, Journal of Corporate Finance, Journal of Development Economics, Journal of Development Studies, Journal of Economic Growth, Journal of Industrial Economics, Journal of International Economics, Journal of Political Economy, The Review of Economics and Statistics, National Science Foundation, Oxford Economic Papers, Journal of Industrial Economics, Quarterly Journal of Economics, World Development

## THESIS/RESEARCH SUPERVISION

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Marina Ngoma (PhD), Mia Ellis (3), Emily Ng, Rebecca Musiega, Yiwei Jiang (MA), Jordan Anderson, Derek Li, Jahnvi Vaidya, Gerad Robinson, Shane Goetz, Jing Zhao, Kelsea Carlson (independent study), Lauren Visek, Wei Yao, Arun Yang, Rachel Bergenfield, Natalie Levy, Pongrat Aroonvatanaporn, Michael Tonelli, Joanna Friedman, Bethany Peacemaker-Arrand, Karla Sy, Samantha Diamond, Dianna Darsney, Allison Archambault, Kate Davenport, Joan Hamory, Eleanor Park, Gabriel Mozes, Tania Desgrottes, Rahwa Tesfay, Eli Miloslavsky, Benjamin Harris

## UNIVERSITY SERVICE 2018/2019

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Economics and Public Policy PhD Program Director, PhD Admissions Committee, PhD Steering Committee, Workload Evaluation Committee, Ec 5 Review Committee, Courtesy Appointment Committee, Cummings Building Committee, Pre-Major Advising (5 students), Major Advising (17 students)