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VITAE

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Work: Department of Agricultural and
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Current Title: Professor of Agricultural and Resource Economics, Emeritus, and
Professor of Management, Emeritus, University of California, Davis

Education and Academic Honors:

2014 Honorary Doctor of Science (DSc) University of Alberta
1999 Doctor's Degree of Honor, Georgian State Agrarian University, Tbilisi
1988 D.Sc. *honoris causa*, McGill University
1966 Ph.D., University of Minnesota
1963 M.A., University of Alberta
1961 B.S. (Ag.) with High Distinction, University of Alberta,

Fields of Interest

Agricultural policy, International Trade, Agricultural and Economic Development,
World Food Policy, Global Food Security.

Research Interests and Field Work:

International Trade — Wheat, Feed Grains
International Implications of U.S. Farm Policies
World Food Security
International Interdependence of Agricultural and Macro Policies
Agricultural and Rural Development

Academic and Management Positions:

1997-1999 *Director*, Rural Development Department, and Chair, Rural Sector
Board, World Bank, Washington, D.C.
1994-1997 *Director*, Agriculture and Natural Resources Department,
World Bank, Washington D.C.,
1983-1994 *Professor* of Management, Graduate School of Management,
University of California, Davis
1979-1981 *Founding Dean*, Graduate School of Administration (Management),
University of California, Davis
1972-1994 *Professor* of Agricultural Economics, University of California,
Davis

- 1970-1975 *Dean*, College of Agricultural and Environmental Sciences, UC Davis
- 1970-1975 *Associate Director*, California Agricultural Experiment Station
- 1969-1972 *Associate Professor* of Agricultural Economics, University of California, Davis
- 1966-1969 *Assistant Professor* of Agricultural Economics, University of California, Davis

Awards and Appointments:

- 2011-2012 UC Davis Distinguished Emeritus Professor Award
- 2004 Distinguished Alumni Award, University of Alberta
- 2004 WAEA Distinguished Scholar, Western Agricultural Economics Association
- 2000 Elected Fellow, Canadian Agricultural Economics Society
- 1994 Awarded FAO Medal in Recognition of Outstanding Services Rendered as Chair of TAC, CGIAR, 1988 -1994
- 1988 Elected Fellow, American Agricultural Economics Association
- 1987 Quality of Research Discovery Award (Honorable Mention), American Agricultural Economic Association
- 1982 Quality of Research Discovery Award, American Agricultural Economics Association
- 1979 Quality of Communication Award, American Agricultural Economics Association
- 1970 Faculty Service Award from the National University Extension Association

Professional Memberships:

- Agricultural and Applied Economics Association (AAEA) formerly the American Agricultural Economics Association
- Canadian Agricultural Economics Association
- Western Agricultural Economics Association
- International Association of Agricultural Economists

Boards of Trustee Service

- Governing Board of the CGIAR Challenge Program on Water and Food, (September 2008 to 2010)
- Board of Trustees, Donald Danforth Plant Science Center, St Louis, MO. (1998 to 2012)
- Trustee and Chair of the Board of Trustees- Centro Internacional de Mejoramiento de Maiz y Trigo (CIMMYT) (2000-2006)

Other Involvements:

- 2013 Member of External Review Panel of Department of Agricultural Economics, Extension and Rural Development, University of Pretoria, South Africa
- 2012 to present Advisor to *Innovare Advisors LLC* (Innovare is an alternative investment management company focused on food and agriculture).
- 2012 to 2015 Chair, External Advisory Council, Faculty of Agricultural, Life and Environmental Sciences, U of Alberta, Canada.

- 2009 to 2015 Member External Advisory Council of the Faculty of Agriculture, Life and Environmental Sciences (ALES), University of Alberta, Canada.
- 1988-1994 Chair, Technical Advisory Committee (TAC), of the Consultative Group on International Agricultural Research (CGIAR)
- 1991 World Bank Consultant for U.S.S.R. Food Sector Reform Project
- 1984-1987 Member, Technical Advisory Committee (TAC), of the Consultative Group on International Agricultural Research (CGIAR)
- 1982 Visiting Scholar, Food Research Institute, Stanford University, Jan-June
- 1976 Study Director, First Review of CGIAR System of International Agricultural Research Centers

Consulting Work:

- 2000 *World Bank/CGIAR* - re-Long Term Financing Strategy for CGIAR.
World Bank Infrastructure Network - Review of Inter Network Rural Development Projects.
- 2002-2003 *IFPRI* - consulting on Global Trade Modeling.
- 2002-2004 Leader of review team for *FIVIMS*, a UN interagency program on Food Insecurity and Vulnerability Information and Mapping Systems.
- 2003-2004 *World Bank SA Region* - A Strategy for the Rural Non-Farm Sector of Bangladesh including two field missions January and December 2004.
- 2005 *World Bank AFR Region* - consultancy on Food Security and Agricultural Trade in SSA.
- 2006-2009 *World Bank Institute (WBI)* – 2006 Prepared module for E-Course on Agricultural Trade and Development in Africa; May 2007, March 2008, November 2008 instructor in E-Course on Agricultural Trade and Development.
- 2006-2007 *IEE Review of FAO*- Contributed three analytical papers.
- 2007-2008 *Agriculture and AgriFood Canada* - Member of review team of Agriculture and Food Policy Networks.
- 2007-2008 *DAI for Gates Foundation*, International Investment in Agricultural Research.
- 2007-2008 *IFAD/AfDB*- Context paper for their joint review of ARD- “Progress and Prospects for African Agricultural Development”
- 2008-2009 *World Bank MENA Region*- Consulting on a Strategy for Regional Food Security.
- 2008 *University of Alberta* -Member review team for Faculty of Agriculture, Life and Environmental Sciences.
- 2010 *World Vision*- advising on Food Security Strategy for Africa.
- 2012 *Bill and Merlinda Gates Foundation* - Paper reviewing the History of Reform Attempts in the CGIAR.
- 2013-14 *African Economic Research Consortium(AERC)*
Mid Term Review of the Collaborative Master of Science Program in Agricultural and Applied Economics (CMAAE) for Eastern and Southern Africa.

Recent Invited Lectures -2008-2013:

Fellows Lecture, Canadian Agricultural Economics Society, Quebec City, June 30, 2008. “*World Food Prices: Causes and Consequences.*”

Plenary Speaker, University of Alberta, International Week, February 5, 2009. “*What Is Next for Commodity and Food Prices?*”

Speaker, GrainWorld Conference, Winnipeg, Canada, February 22, 2009. “*The Economic Crisis and Its Impact on Commodities.*”

1st Daryl Kraft Memorial Lecture, University of Manitoba, Winnipeg, February 24, 2009. “*Agricultural Commodity and Food Prices, a Wild Ride! What’s Next?*”

Plenary Speaker, Alberta Institute of Agrologists 5th Annual Banff Conference, March 18, 2009. “*The Economics of the World Food System- A Wild Ride for Commodity Prices.*”

Lead Speaker, Agriculture and AgriFood Canada, Future Scan Exercise, Ottawa, Canada, June 10, 2010. “*The Evolution and Future of Global Agriculture.*”

Keynote Speaker, 1st Annual Canadian Agricultural Policy Conference. Ottawa, Canada, January 14, 2011. “*Global Economic Forces and the Outlook for Agriculture*”

Seminar Keynote, World Bank Mozambique seminar on Broad-Based Development Through Economic Transformation and Job Creation, Maputo, Mozambique Feb 9, 2011. “*The Role of Agriculture in Economic Development.*”

Keynote Speaker, Agricultural Financial Services Corporation (ATSC) Board Directional Planning Session, Calgary, Alberta, Canada, January 11, 2012. “*Global Economic Forces and the Outlook for Agriculture.*”

Speaker, California Agricultural Summit, Davis, CA. January 27, 2012. “*Global Food Trends -The Production and Trade Challenges.*”

Presentation to External Advisory Council, Faculty of Agricultural, Life and Environmental Sciences (ALES), University of Alberta, Edmonton, Canada. December 10, 2012. “*Global Food/Agriculture Trends: The Production, Environmental and Trade Challenges.*”

Seminar Presentation, Downey-Brand Seminar, Sacramento, CA. January 4, 2013. “*Global Food Trends- The Production and Trade Challenges in Feeding the World in 2050.*”

Opening Plenary Speaker, Breadbasket 2.0 National Summit, Saskatoon, Saskatchewan, Canada. June 17, 2013. “*Global Crops: The Challenge for Canada and the World.*”

Opening Speaker, ABIC 2013 Conference Food, Water, and Energy for a Hungry World, Calgary, Canada. September 16, 2013, “*Global Food and Agricultural Trends: Production, Environmental and Trade Challenges.*”

Recent Teaching Activities:

April 2010 taught a course in *International Agricultural Trade and Policy* at the **University of Tirana, Albania** through a USAID funded project lead by the University of Hawaii. It was the AHEED project and it was an MS level course (using ARE 222 as basic material) taught 3 hours /day ,each day for two weeks.

Fall Quarter 2011 Agriculture and Resources Economics (ARE) 222. *International Agricultural Trade and Policy* -25 MS and PhD students. UCD;
 Fall Quarter 2012, ARE 222 again – 24 MS and PhD students. UCD
 September 18 –December 2, 2013. Visiting Scholar in the Department of
 Agricultural Economics, Extension and Rural Development, University of
 Pretoria, South Africa. Lectured in several courses on Policy and Trade
 Winter Quarter 2014. Taught ARE 222 for a third time -36 MS and PhD students.
 UCD
 Fall Quarter 2014. Taught ARE 222 for the fourth time 36 MS and PhD students. UCD

Publications:-last 35 years.

Journal Articles:

1. McCalla, A.F. "Impact of Macroeconomic Policies upon Agricultural Trade and International Agricultural Development," *American Journal of Agricultural Economics* 64(1982):861-868.
2. Karp, L.S. and A.F. McCalla. "Dynamic Games and International Trade: An Application to the World Corn Market," *American Journal of Agricultural Economics* 65(1983):641-650.
3. Anania, G. and A.F. McCalla. "Does Arbitraging Matter? Spatial Trade Models and Discriminatory Trade Policies," *American Journal of Agricultural Economics* 73(1991):103-117.
4. McCalla, A.F. "GATT, Preferential/Regional Trading Blocs and Agricultural Trade," *Review of International Economics* 1(1992):73-89.
5. McCalla, A.F. "Agricultural Trade Liberalization: The Ever-Elusive Grail," *American Journal of Agricultural Economics* 75(1993):1102-1112.
6. Valdes, A. and A.F. McCalla. "The Uruguay Round and agricultural policies in developing and economics in transition," *Food Policy* 21(1996):419-431.
7. McCalla, A.F. "Prospects for Food Security in the 21st Century: with Special Emphasis on Africa," *Agricultural Economics* 20(1999):95-103.
8. McCalla, A.F. "What Developing Countries Want from the WTO," *The Estey Centre Journal of International Law and Trade Policy* 2(2001):65-177.
9. Barichello, R.R., A.F. McCalla, and A. Valdes. "Developing Countries and the World Trade Organization Negotiations," *American Journal of Agricultural Economics* 85(2003):674 –678.
10. McCalla, A.F. "Liberalizing Agricultural Trade: Will It Ever Be a Reality?" *Journal of Agricultural and Resource Economics* 28(2003):19-434.
11. McCalla, A.F. "World Food Prices: Causes and Consequences," *Canadian Journal of Agricultural Economics* 57(2009):23-34.
12. Binswanger-Mkhize, H.P., A.F. McCalla, and Praful Patel. "Structural Transformation and African Agriculture," *Global Journal of Emerging Market Economies* 2(2010):113-152.
13. McCalla, A.F., E. Castle, and V. Eidman. "The AAEA: Ever Growing and Changing Research Challenges," *American Journal of Agricultural Economics* 92(2010):334-355.

14. Lampietti, Julian A., Sean Michaels, Nicholas Magnan, Alex F. McCalla, Maurice Saade, and Nadim Khouram (2011). "A Strategic Framework for Improving Food Security in Arab Countries." *Food Security* 3 (S1): 7-22.
15. Magnan, Nicholas, Travis J. Lybbert, Alex F. McCalla, and Julian A. Lampietti (2011). "Modeling the Limitations and Implicit Costs of Cereal Self-Sufficiency with Limited Data: The Case of Morocco." *Food Security* 3 (S1): 49-60.

Books and Monographs:

1. McCalla, A.F., and T.E. Josling (eds.) *Imperfect Markets in Agricultural Trade*. Montclair, N.J.: Allanheld, Osmun and Co., 1981.
2. Schmitz, A., A.F. McCalla, D.O. Mitchell, and C.A. Carter. *Grain Export Cartels*. Cambridge, MA: Ballenger Publishing Company, 1981.
3. McCalla, A.F. and T.E. Josling. *Agricultural Policies and World Markets*. New York: Macmillan Publishing Company, 1985.
4. McCalla, A.F., T.K. White, and K. Clayton (co-principal investigators) *Embargoes, Surplus Disposal, and U.S. Agriculture*. USDA/ERS Agricultural Economics Report No. 564, Washington D.C., 1986.
5. Carter, C.A., A.F. McCalla, and A. Schmitz. *Canada and International Grain Markets: Trends, Policies and Prospects*. Economic Council of Canada, Ottawa, 1989.
6. Anania, G., C.A. Carter, and A.F. McCalla (eds.) *Agricultural Trade Conflicts and GATT*. Boulder, Colorado: Westview Press, 1994.
7. McCalla, A.F. (team leader) *Rural Development: From Vision to Action*. Washington D. C.: The World Bank, 1997.
8. McCalla, A.F. *Agriculture in the 21st Century*. Fourth Distinguished Economist Lecture, Mexico, D.F.: CIMMYT, 2000.
9. McCalla, A.F., et al. *Transgenic Plants and World Agriculture*. Washington, D.C.: National Academy Press, 2000.
10. McCalla, A.F. and C.L. Revoredo. *Prospects for Global Food Security: A Critical Appraisal of Past Projections and Predictions*. Food, Agriculture and the Environment Discussion Paper 35, Washington, D.C.: International Food Policy Research Institute, 2001.
11. Anania, G., M.E. Bohman, C.A. Carter, and A.F. McCalla (eds.) *Agricultural Policy Reform and the WTO: Where Are We Heading?* Cheltenham, UK: Edward Elgar, 2004.
12. Johnston, W.E. and A.F. McCalla. *Whither California Agriculture: Up, Down, Or Out? Some Thoughts About the Future*. Giannini Foundation Special Report 04-1, University of California, 2004.
13. McCalla, A.F. and J.D. Nash (eds.). *Reforming Agricultural Trade for Developing Countries (Vol. 1): Key Issues for a Pro-Development Outcome for the Doha Round and (Vol. 2): Quantifying the Impact of Multilateral Trade Reform*. Washington D.C.: World Bank, 2007.
14. Binswanger-Mkhize, H.P. and A.F. McCalla. *The Changing Context and Prospects for Agricultural and Rural Development in Africa*. Joint IFAD-AfDB

- working paper, International Fund for Agricultural Development, Rome, 2009.
15. Johnston, W.E. and A.F. McCalla (eds). *A.P. Giannini and the Giannini Foundation of Agricultural Economics*. Davis, CA: Giannini Foundation of Agricultural Economics, 2010.
 16. McCalla, Alex F., Ed Rossmiller and Laura Bipes, (eds.) *Celebrating the First Thirty Years*, International Agricultural Trade Research Consortium (IATRC) 30th Anniversary Annual Meetings Proceedings Issue, December 2010. e-book Final August 24, 2014.
 17. McCalla, Alex F., Julian M. Alston, and K. Aleks Schaefer. *The UC Davis Agricultural and Resource Economics PhD Program: The First 50 Years*. Davis, CA: Department of Agricultural and Resource Economics, University of California, Davis, 2017.

Book Chapters, Working and Conference Papers

1. McCalla, A.F. "Improving Food Coordination in Agriculture." Chapter 8 in H. von Witzke, C.F. Runge and B. Job (eds.) *Policy Coordination in World Agriculture*. Kiel, Germany: Wissenschaftsverlag Vauk, 1989.
2. Abbott, P. and A.F. McCalla. "Agriculture in the Macroeconomy: Theory and Measurement," Chapter 32 in B.L. Gardener and G.C. Rausser (eds.) *Handbook of Agricultural Economics, Volume 2A- Agriculture and Its External Linkages*. Amsterdam: Elsevier, 2002.
3. Valdes, A. and A.F. McCalla. "Where Interests of Developing Countries Converge and Diverge," Chapter 7 in M.D. Ingco and L.A. Winters (eds.) *Agriculture and the New Trade Agenda: Creating a Global Trading Environment for Development*. Cambridge: Cambridge University Press, 2004.
4. McCalla, A.F. "The Governance Challenges of Improving Global Food Security." Chapter 17 in J. Clapp and M.J. Cohen (eds.) *The Global Food Crisis: Governance Challenges and Opportunities*. Waterloo, Ontario, Canada: The Centre for International Governance Innovation (CIGI), and Wilfrid Laurier University Press, 2009.
5. McCalla, A.F. "Implications of WTO Developments for Market Integration," Chapter 6 in K.M. Huff, K.D. Meilke, R.D. Knutson, R.F. Ochoa and J. Rude (eds.) *Contemporary Drivers of Integration*. Texas A&M University, University of Guelph and IICA-Mexico, 2008.
6. Binswanger-Mkhize, H.P. and A.F. McCalla. "The Changing Context and Prospects for Agricultural and Rural Development in Africa." Chapter 70 in *Handbook of Agricultural Economics Volume 4*: Elsevier 2010.
7. Binswanger-Mkhize, H., D. Byerlee, A. McCalla, M. Morris and J. Staatz. "The Growing Opportunities for African Agricultural Development." Conference Working Paper 16 prepared for ASTI/IFPRI-FARA Conference Accra, Ghana December 5-7, 2011.
8. Skreli, Engjell and Alex McCalla, "Trade in Albania" Chapter 9 in *Agricultural Markets in a Transitional Economy: An Albanian Case Study*. CABI International 2013.

9. McCalla, Alex, "CGIAR Reform – Why So Difficult?" Giannini Foundation of Agricultural Economics Working Paper # 14-001, Department of Agricultural and Resource Economics, University of California, Davis. 2014.
 10. McCalla, Alex and Richard Howitt, "Agriculture" Chapter 38 in Harold Mooney and Erika Zavaleta (eds.) *Ecosystems of California*. University of California Press, 2016.
 11. McCalla, Alex F., "The Relevance of the CGIAR in a Modernizing World: or has it been Reformed *ad infinitum* into Dysfunctionality?" Chapter 17 in Prabhu Pingali and Gershon Feder (eds.) *Agriculture and Rural Development in a Globalizing World: Challenges and Opportunities*. London: New York: Routledge, 2017
 12. McCalla, Alex F., and Gordon C. Rausser. "Social Value of the Giannini Foundation." in *California Agriculture: Dimensions and Issues*: Chapter 18. Giannini Foundation Information Series 18-01. University of California Giannini Foundation of Agricultural Economics. Available at https://s.giannini.ucop.edu/uploads/giannini_public/a9/d9/a9d992d9-80c9-4513-b766-c1254049a067/social_value_of_the_giannini_foundation.pdf. 2018
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