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CURRICULUM VITAE

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Born: January 30, 1954
Grande Prairie, Alberta, Canada

Citizenship: Canadian and United States

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EDUCATION

<u>Field</u>	<u>Institution & Date</u>	<u>Degree</u>
Ag. Economics	Univ. of California (Berkeley)	Ph.D. 1980
Economics	Univ. of California (Berkeley)	M.A. 1978
Ag. Economics	Univ. of Alberta (Edmonton)	M.Sc 1976
Economics	Univ. of Alberta (Edmonton)	B.A. 1975

PROFESSIONAL POSITIONS HELD

Distinguished Professor, Department of Agricultural and Resource Economics,
University of California, Davis.

Director, Giannini Foundation of Agricultural Economics, University of
California, 2009 to present.

Department Chair, Department of Agricultural and Resource Economics,
University of California, Davis, 1998 to 2001.

Assistant - Full Professor, Department of Agricultural Economics and Farm
Management, University of Manitoba, 1980-1986.

RESEARCH AND TEACHING AWARDS

American Agricultural Economics Association Annual Award for "Quality of Research Discovery" for Grain Export Cartels, Ballinger Press, 1981.

Canadian Agricultural Economics and Farm Management Society Annual Award for "Outstanding Journal Article" for "The Welfare Effects of Export Constraints on the Canadian Feed Grains Market," Canadian Jo of Agric Economics, 32 (March 1984).

Graduate Students' Association, University of Manitoba, Annual Award for "Excellence in Graduate Teaching," 1984-85 term.

Kellogg International Fellowship in Food Systems, Three-year \$75,000 Research Fellowship, 1986-89.

Western Agricultural Economics Association Award for "Outstanding Published Research Award" for "Whither Armington Trade Models", American Journal of Agricultural Economics, 72 (May 1990).

American Agricultural Economics Association Annual Award for "Quality of Communication" for The Political Economy of U.S. Agriculture, Australian Bureau of Agricultural Economics, 1994.

American Agricultural Economics Association Annual Award for "Distinguished Policy Contribution" for research on State Trading Enterprises, 1998.

Fellow, American Agricultural Economics Association, 2000.

American Agricultural Economics Association Award for "Outstanding Essay for the 21st Century" for *Will China Become a Major Force in World Food Markets?*, 2001.

American Agricultural Economics Association Annual Award for "Outstanding Article in *Choices*" for "International Approaches to the Labeling of Genetically Modified Foods," 2004.

American Agricultural Economics Association Annual Award for "Quality of Research Discovery" for "The Market Effect of a Food Scare: The Case of Genetically Modified StarLink Corn" The Review of Economics and Statistics. 2008.

American Agricultural Economics Association Annual Award for "Quality of Communication" for *Genetically Modified Food and Global Welfare*, Emerald, Bingley, UK. 2011.

Agricultural and Applied Economics Association's Quality of Communication Honorable Mention for "Climate Change: Challenges to California's Agriculture and Natural Resources." 2015.

PUBLICATIONS

1. Carter, C. and A. Schmitz. "Import Tariffs and Price Formation in the World Wheat Market," American Journal of Agricultural Economics, 61 (August 1979).
2. Carter, C., N. Gallini and A. Schmitz. "Producer-Consumer Trade-Offs in Export Cartels," American Journal of Agricultural Economics, 62 (November 1980).
3. Carter, C. and A. Schmitz. "World Wheat Tariffs as Optimum Levies: Reply," American Journal of Agricultural Economics, 62 (November 1980).
4. Carter, C., D. Hueth, J. Mamer and A. Schmitz. "Agricultural Labor and the Lettuce Strike," Western Journal of Agricultural Economics, 6 (July 1981).
5. Carter, C. "Capital Asset Pricing and Farm Real Estate: Comment," American Journal of Agricultural Economics, 63 (August 1981).
6. Carter, C. and D. Kraft. "An Evaluation of Pricing Performance of the Canadian Feed Grains Policy: Comment," Canadian Journal of Agricultural Economics, 29 (November 1981).
7. Schmitz, A., A. McCalla, D. Mitchell and C. Carter. Grain Export Cartels: Theoretical and Empirical Analysis, Massachusetts: Ballinger Press, December 1981.
8. Carter, C. "International Trade and Agricultural Labor Markets: Discussion," American Journal of Agricultural Economics, 64 (May 1982).
9. Carter, C. and D. Kraft. "Feed Grain Policy in Canada: One Western Perspective," Proceedings of 1981 CAES Annual Meeting, Brock University, October 1982.
10. Carter, C., G. C. Rausser and A. Schmitz. "Efficient Asset Portfolios and the Theory of Normal Backwardation," Journal of Political Economy, 91 (April 1983).
11. Carter, C. and R.M.A. Loyns. "Alternative Hedging Strategies for an Alberta Feedlot Operator: A Comment," Canadian Journal of Agricultural Economics, 31 (July 1983).
12. Rausser, G. C. and C. Carter. "Futures Market Efficiency in the Soybean Complex," Review of Economics and Statistics, LXV (August 1983).
13. Carter, C. and R.M.A. Loyns. "Futures Markets as a Canadian Tool Management Tool," Canadian Journal of Agricultural Economics, Proceedings Issue, 31 (1983).
14. Carter, C. "Pooling Sales Versus Forward Selling and the Management of Risk: The Case of Wheat," in Advanced Readings in Formation, Market Structure, and Price

- Instability, edited by G. C. Storey, A. Schmitz and A. H. Sarris, Boulder: Westview Press, 1984.
15. Carter, C., A. B. Hickson and D. F. Kraft. "The Welfare Effects of Export Constraints on the Canadian Feed Grains Market," Canadian Journal of Agricultural Economics, 32 (March 1984).
 16. Carter, C. "An Evaluation of the Pricing Performance of the Barley Futures Market," Western Journal of Agricultural Economics, 9 (July 1984).
 17. Carter, C. and R.M.A. Loyns. "Hedging Feedlot Cattle: A Canadian Perspective," American Journal of Agricultural Economics, 67 (February 1985).
 18. Carter, C. "Hedging Opportunities for Canadian Grains," Canadian Journal of Agricultural Economics, 33 (March 1985).
 19. Carter, C. and R.M.A. Loyns. "The Prairie Grain Industry in Western Transition," Canadian Public Policy, XI Supplement (July 1985).
 20. Carter, J., C. Carter and M. Carter. "Surface Rights and Oil Exploration," Alberta Law Review, XXIII (No. 3, 1985).
 21. Carter, C. "High Technology in Agriculture and International Trade," Canadian Journal of Agricultural Economics, August 1985, 32 (1985): 24-35.
 22. Carter, C. "Japanese Agricultural Policy and Trade: Current Developments and Prospects," in World Agricultural Policies and Trade, Proceedings edited by G. E. Lee, University of Saskatchewan, Saskatoon, 1985.
 23. Carter C. "Agricultural Research and International Trade," in Economics of Agricultural Research in Canada, edited by K. K. Klein and W. H. Furtan, Calgary: University of Calgary Press, 1985.
 24. Carter, C. and A. Schmitz. "The Economics of Location of Cattle Feeding in Western Canada," Agribusiness 2 (Spring 1986).
 25. Carter, C. A., R.M.A. Loyns and Z. F. Ahmadi-Esfahani. "Varietal Licensing Standards and Canadian Wheat Exports," Canadian Journal of Agricultural Economics, 31 (November 1986).
 26. Carter, C., D. Hueth, J. Mamer, and A. Schmitz. "Minimum Effective Labor Unions," Economic Inquiry, Vol. XXV (January 1987).
 27. Wilson, W., W. Koo and C. Carter. "Import Loyalty in the Wheat Market," Canadian Journal of Agricultural Economics, Proceedings Issue, 34 (May 1987).

28. Carter, C. and A. Schmitz. "Canadian-U.S. Free Trade in Agriculture," in Perspectives on a U.S.-Canadian Free Trade Agreement, edited by B. Stern, P. Triesize and J. Whalley. Brookings Institution 1987.
29. Carter C. and A. Hickson. "An Analysis of Policy Changes in the Canadian Feed Grain Market," Western Journal of Agricultural Economics, 12 (December 1987).
30. Ahmadi, F. and C. Carter. "A Dynamic Analysis of U.S. Export Wheat Pricing and Market Shares," Australian Journal of Agricultural Economics, 31 (December 1987).
31. Carter, C. and W. Mooney. "Japanese Tariff Protection of Rapeseed and Soybean Processing," Canadian Journal of Agricultural Economics, 35 (November 1987).
32. Carter C. and F. Zhong. China's Grain Production and Trade: An Economic Analysis, Boulder: Westview Press, January 1988.
33. Arthur, L., C. Carter, and F. Abizadeh. "Arbitrage Pricing, Capital Asset Pricing, and Agricultural Assets," American Journal of Agricultural Economics, 70 (May 1988).
34. Carter, C. and M. Glenn. "Government Transfers to North American Grain Producers," Agribusiness, Vol. 4., No. 3 (1988).
35. Carter, C. and W. Gardiner, Editors, Elasticities in International Agricultural Trade, Boulder: Westview Press, 1988.
36. Carter, C. "Trade Liberalization in the Grain Markets," Canadian Journal of Agricultural Economics, 36 (December 1988), pp. 1-9.
37. Carter, C., A.F. McCalla, and A. Schmitz. Canada and International Grain Markets: Trends, Policies and Prospects, Ottawa: Economic Council of Canada, 1989.
38. Carter, C., A. Schmitz, D. Orr, and R. Zortman. "The Canadian Grain System," Chapter 4 in Grain Quality in International Trade: A Comparison of Major U.S. Competitors, Washington, D.C., U. S. Congress: Office of Technology Assessment, OTA-F-402, February 1989.
39. Carter, C. "Arbitrage Opportunities Between Thin and Liquid Futures Markets," Journal of Futures Markets, 9 (August 1989).
40. Carter, C. and D. Pick. "The J-Curve Effect and the U.S. Agricultural Trade Balance," American Journal of Agricultural Economics, 71 (August 1989).
41. Carter, C. and N. Hamilton. "Wheat Inputs and the Law of One Price," Agribusiness, 5 (1989).

42. Carter, C. and F. Zhong. "Regional Comparative Advantage in Chinese Agriculture," J. Longworth (ed), China's Rural Development Miracle with International Comparisons, University of Queensland Press, 1989.
43. Alston, J., C. Carter and L. Jarvis. "Japanese Beef Trade Liberalization: It May Not Benefit Americans," Choices, Fourth Quarter 1989.
44. Carter, C., J. Karrenbrock and W. Wilson. "Freer Trade in the North American Beer and Flour Markets," Chapter 5 in Free Trade and Agricultural Diversification, A. Schmitz (ed.), Westview Press: Boulder, CO, 1989.
45. Wilson, W. W., W. Koo and C. A. Carter. "Importer Loyalty in The International Wheat Market," Journal of Agricultural Economics, 41(1) (January 1990).
46. Chambers, S. and C. Carter. "U.S. Futures Exchanges as Nonprofit Entities," Journal of Futures Markets, 10 (February 1990).
47. Babcock, B., C. Carter, and A. Schmitz. "The Political Economy of U.S. Wheat Legislation," Economic Inquiry (April 1990).
48. Carter, C., M.D. Faminow, R.M.A. Loyns, and Eric Peters. "Causes of Intervention in Canadian Agriculture" Canadian Journal of Agricultural Economics 38 (1990).
49. Alston, J., C. Carter, R. Green and D. Pick. "Whither Armington Trade Models", American Journal of Agricultural Economics, 72 (May 1990).
50. Carter, C., R. Gray and H. Furtan. "Exchange Rate Effects on Inputs and Outputs in Canadian Agriculture," American Journal of Agricultural Economics, 72 (August 1990).
51. Carter, C., A. McCalla, and J. Sharples (eds.), Imperfect Competition and Political Economy: The New Trade Theory in Agricultural Trade Research, Westview Press: Boulder, CO, 1990.
52. Carter, C. "Interface Between Chinese and Global Agricultural Trade Policy," Chapter 4 in Agricultural Reform and Development in China, T.C. Tso (ed.), Ideals: Beltsville, Maryland, 1990.
53. Alston, J. M., C. A. Carter, and L. S. Jarvis. "Discriminating Trade: The Case of Japanese Beef and Wheat Imports," Canadian Journal of Agricultural Economics, 38, July 1990.
54. Carter, C., R. Stern, and A. Schmitz. "The Potato War and U.S.-Canada Agricultural Trade," Chapter 8 in Canadian Agricultural Trade: Disputes, Actions, Prospects, G. Lerner and K. Klein (eds.), University of Calgary Press, 1990.

55. Alston, J. and C. Carter. "Causes and Consequences of Farm Policy," Contemporary Policy Issues Vol. IX, Jan. 1991.
56. Blank, S., C. Carter, and B. Schmiesing. Futures and Options Markets, Prentice Hall: Englewood Cliffs, NJ, 1991.
57. Carter, C. and F. Zhong. "China's Past and Future Role in the Grain Trade," Economic Development and Cultural Change 39 (July 1991).
58. Bohman, M., C. Carter, and J. Dorfman. "The Welfare Effects of Targeted Export Subsidies: A General Equilibrium Approach," American Journal of Agricultural Economics 73 (August 1991).
59. Carter, C. "Do American Farmers Have a Future in the Hong Kong Market?" California Agriculture Vol. 45. No. 5 (Sept. - Oct. 1991).
60. Carter, C. and F. Zhong. "Will Market Prices Enhance Chinese Agriculture?: A Test of Regional Comparative Advantage" Western Journal of Agricultural Economics Vol. 16, No.2 (Dec. 1991).
61. Anania, G., M. Bohman, and C. Carter. "U.S. Export Subsidies in Wheat: Strategic Trade Theory or an Expensive Beggar-Thy-Neighbor Tactic?" American Journal of Agricultural Economics. Vol. 74, No. 3. (August 1992).
62. Alston, J., C. Carter and M. Whitney. "Exchange Rate Pass-Through Effects in Agriculture" W. Coyle, H. Yamauchi and D. Hayes (eds), Agriculture and Trade in the Pacific: Towards the 21st Century, Westview Press 1992.
63. Carter, C. "Thin Markets" essay in: The New Palgrave Dictionary of Money and Finance. London: MacMillan. 1992.
64. Carter, C. "The Participation of China and the USSR in the Global Wheat Market" in T. Becker, R. Gray, and A. Schmitz (eds), Improving Agricultural Trade Performance Under the GATT. Kiel:Wissenschaftsverlag Vauk. 1992.
65. Carter, C. and H. Carter (editors) North American Free Trade Agreement: Implications for California Agriculture Davis, CA: UC Agricultural Issues Center. July 1992.
66. Blandford, D., C. Carter and R. Piggott (eds) North-South Grain Markets and Trade Policies. Boulder: Westview Press. 1993.
67. Carter, C. and S. Wen. "China's Grain Economy," in D. Blandford et al. (eds), North-South Grain Markets and Trade Policies. Boulder: Westview Press. 1993.

68. Carter, C. "Canada's Grain-marketing System" in *Grain Marketing*, edited by G. L. Cramer and E.J. Wailes, 2nd Edition, Boulder: Westview Press, 1993.
69. Carter, C. "Trade, Agriculture, and the Environment in Developing Countries: Discussion" *American Journal of Agricultural Economics* Vol. 75 (August 1993).
70. Carter, C. and C. Galopin "Informational Content of Government Hogs and Pigs Reports" *American Journal of Agricultural Economics* Vol. 75 (August 1993).
71. Alston, J., C. Carter and V. Smith "Rationalizing Agricultural Export Subsidies" *American Journal of Agricultural Economics* Vol. 75 (November 1993).
72. Carter, C. "The Economics of a Single North American Barley Market" *Canadian Journal of Agricultural Economics* 41 (November 1993)
73. Pick, D. and C. Carter "Pricing to Market in a Common Currency and Under an Oligopolistic Setting" *American Journal of Agricultural Economics* 76 (February 1994).
74. Carter, C. and B. Zhang "Agricultural Efficiency Gains In Centrally Planned Economies" *Journal of Comparative Economics* 18(1994).
75. Brooks, J. and C. Carter *The Political Economy of U.S. Agriculture*. Canberra: ABARE. 1994.
76. Anania G., C. Carter, and A. McCalla (eds) *Agricultural Trade Conflicts and GATT: New Dimensions in U.S.-European Agricultural Trade Relations*. Boulder: Westview Press. 1994.
77. Carter, C. "The Economics of a Single North American Barley Market: a Reply" *Canadian Journal of Agricultural Economics* 41 (November 1994)
78. Alston, J., C. Carter and V. Smith "Rationalizing Agricultural Export Subsidies: Reply" *American Journal of Agricultural Economics* 77 (Feb.1995).
79. Carter, C. and C. Galopin "Informational Content of Government Hogs and Pigs Reports: Reply" *American Journal of Agricultural Economics* 77 (August 1995).
80. Carter, C. "Government Rail Car Allocation and the Price of Canola" *American Journal of Agricultural Economics* 78 (August 1996):677-686.
81. Song, J. and C. Carter "Rice Trade Liberalization and Implications for U.S. Policy" *American Journal of Agricultural Economics* (November 1996).
82. Carter, C. and S. Rozelle "How Far Along is China in Developing its Food Markets?" Chapter in Joint Economic Committee, Congress of the United States (ed.), *China's*

Economic Future: Challenges to U.S. Policy, Government Printing Office, Washington, DC. August 1996.

83. Carter, C., F. Zhong, and F. Cai. *China's Ongoing Agricultural Reform*. San Francisco: 1990 Institute. Distributed by University of Michigan Press. 1996.
84. Carter, C. and W. Wilson "Emerging Differences in State Grain Trading: Australia and Canada" Agricultural Economics Vol.16, No. 2, pp:99-109. May 1997.
85. Blank, S., C. Carter, and J. McDonald "Is the Market Failing Agricultural Producers Who Wish to Manage Risks?" Contemporary Economic Policy Vol. XV, July 1997:103-112.
86. Carter, C. and A. Yilmaz "What Do We Know About Intra-Industry Trade in Processed Food?" Pick, D., I. Sheldon (eds) *Global Markets for Processed Foods: Theoretical and Practical Issues*. Boulder: Westview Press. 1997.
87. Carter, C. "International Trade and Pacific Rim Issues" J.B. Siebert (ed) *California Agriculture Issues and Challenges*. University of California, Giannini Foundation, August 1997.
88. Bjornson, B. and C. Carter "New Evidence on Agricultural Commodity Return Performance Under Time-Varying Risk" American Journal of Agricultural Economics Vol. 79, No.3, August 1997.
89. Carter, C. and D. MacLaren "An Evaluation of the Canada-U.S. Wheat Agreement of 1994" American Journal of Agricultural Economics Vol. 79, No.3, August 1997.
90. Carter, C. and D. MacLaren "Price or Quantity Competition?: Oligopolistic Structures in International Commodity Markets" Review of International Economics vol. 5 no. 3, August 1997.
91. Alston, J., C. Carter, R. Gray and D. Sumner. "Third-Country Effects and Second-Best Trade Policies: Export Subsidies and Bilateral Trade Liberalization." American Journal of Agricultural Economics Vol. 79, No.4, November 1997.
92. Zhang, B. and C. Carter "Reforms, the Weather, and Productivity Growth in China's Grain Sector" American Journal of Agricultural Economics, Vol. 79, No.4, November 1997.
93. Carter, C.A. "The Urban-Rural Income Gap in China: Implications for Global Food Markets" American Journal of Agricultural Economics, Vol. 79, No.5, December 1997.

94. Carter, C. A., R.M.A. Loyns, and Derek Berwald "Domestic Costs of Statutory Marketing Authorities: The Case of the Canadian Wheat Board" American Journal of Agricultural Economics, Vol. 80, No.2, May 1998.
95. Brooks, J.C., A. C. Cameron, and C. A. Carter "Political Action Committee Contributions and U.S. Congressional Voting on Sugar Legislation" American Journal of Agricultural Economics, Vol. 80, No.3, August 1998.
96. Carter, C. and B. Zhang "The Weather Factor and Variability in China's Grain Supply" Journal of Comparative Economics, Vol.26, No.3, September 1998.
97. Carter, C.A. and A. Loyns *The Federal Government and the Prairie Grain Sector: A Study of Over-Regulation*. Toronto: University of Toronto Press, 1998.
98. Carter, C.A. "Research on Institutional Reform and Agricultural Productivity Growth in China" in A. Watson and C. Findlay (eds) *Food Security and Economic Reform: The Challenges Facing China's Grain Marketing System*. London: MacMillan, 1999.
99. Carter, C.A. "Commodity Futures Markets: A Survey" Australian Journal of Agricultural and Resource Economics, Vol. 43, No. 2, June 1999.
100. Carter C.A. and F. Zhong "Rural Wheat Consumption in China" American Journal of Agricultural Economics, Vol. 81, No. 3, August 1999.
101. Carter C.A. and M. Quinn "Defying Expectations, Asian Financial Crisis had Little Impact on California Farm Exports" California Agriculture, Vol. 53, No. 5, Sept/Oct. 1999.
102. Carter C.A., C. Revoredo and V. H. Smith "The Longer-run Dynamics of World Wheat Prices: The Role of Stocks" in J.M. Antle and V.H. Smith (eds.) *The Economics of World Wheat Markets*. New York: CABI Publishing, 1999.
103. Carter C.A., D. Chadee, and K. Darko "Are Subsidies to Be Blamed? A Reexamination of U.S. Countervailing Duty on Hog Imports from Canada" Journal of Policy Modeling; 21(7), December 1999.
104. Chern, W.S., C.A. Carter, and S. Shei (editors). *Food Security in Asia: Economics and Policies*, Northampton: Edward Elgar, 2000.
105. Carter, C.A. and A. J. Estrin "Market Reforms Versus Structural Reforms in Rural China" Journal of Comparative Economics, 29, 3, September 2001.
106. Carter, C.A. "China's Trade Integration and Impacts on Factor Markets" in *China's Agriculture in the International Trading System*, Paris: OECD, 2001.

107. Carter, C.A., and S. Rozelle “Will China Become a Major Force in World Food Markets?” Review of Agricultural Economics, Vol. 23. No.2, 2001.
108. Carter, C.A. and V.H. Smith “The Potential Impacts of State Trading Enterprises on World Markets: The Exporting Country Case” Canadian Journal of Agricultural Economics, Vol 49, December, 2001.
109. Carter, C.A., and X. Li “Implications of WTO Accession for China's Agricultural Trade Patterns” Australian Journal of Agricultural and Resource Economics , Vol. 46, No. 2, June 2002.
110. Carter, C.A. and B. Lohmar “Regional Specialization of China’s Agricultural Production” American Journal of Agricultural Economics, Vol. 84, No. 3, August 2002.
111. Carter, C.A. *Futures and Options Markets: An Introduction*. New Jersey: Prentice Hall 2003.
112. Carter, C.A., J. Chen and B. Chu “Agricultural productivity growth in China: farm level versus aggregate measurement” China Economic Review Volume 14, Issue 1, 2003, Pages 53-71.
113. Carter, C.A. and G. P. Gruere “International Approaches to the Labeling of Genetically Modified Foods” Choices, Second Quarter 2003.
114. Carter, C.A. and G. P. Gruere “Mandatory Labeling of Genetically Modified Foods: Does it Really Provide Consumer Choice? ” Agbioforum, Volume 6 // Number 1 & 2, 2003.
115. Carter, C.A. and G. P. Gruere “Mandatory vs. Voluntary Labeling of GM Food, Consumer Choice and Autonomy” Agbioforum, Volume 6 // Number 3, 2003.
116. Bond, C., C.A. Carter, and H. Farzin “Medium Grains, High Stakes: Economics of HT Rice in California”” Agbioforum, Volume 6 // Number 4 // 2003.
117. Arthur, T., C.A. Carter, and A. Peterson Zwane “International Trade and the Road Ahead for California Agriculture” J.B. Siebert (ed) *California Agriculture Dimensions and Issues*. University of California, Giannini Foundation, January 2004.
118. Carter, C.A. and X. Li “Changing Trade Patterns in Major OECD Countries” Applied Economics Vol. 36. No. 14, August 2004: 1501-1511.
119. Anania, G., M. Bohman, C.A. Carter, and A. McCalla (eds.). *Agricultural Policy Reform and the WTO: Where are we Heading?* Cheltenham: Edgar Elgar. 2004.

120. Carter, C.A., J. A. Chalfant, and R. E. Goodhue “Invasive Species in Agriculture: A Rising Concern” Western Economics Forum . Vol 3. No 2. Fall 2004.
121. Carter, C.A., J. A. Chalfant, R. E. Goodhue, and G. McKee “Costs of 2001 methyl bromide rules estimated for California strawberry industry” California Agriculture. Vol. 59 No.1, January-March 2005.
122. Carter, C.A., J. A. Chalfant, R. E. Goodhue, F. M. Han and M. DeSantis “The Methyl Bromide Ban: Economic Impacts on the California Strawberry Industry” Review of Agricultural Economics, Vol. 27, No. 2 (Summer 2005).
123. Bond, C., C.A. Carter, and H. Farzin. *Economic and Environmental Impacts of Genetically Modified Rice Adoption in California*. University of California. Giannini Foundation Research Report 350, February 2005.
124. Carter, C.A. and A. Estrin “Opening of China's Trade, Labor Market Reform and Impact on Rural Wages.” The World Economy Vol 28., No 6., June 2005.
125. Carter, C.A., J. A. Chalfant, R. E. Goodhue “The Red Edge: Demand-Enhancing Strategies for California Strawberries” ch 11 in *The Economics of Commodity Promotion Programs: Lessons From California*. H. M. Kaiser, J.M. Alston, J. M. Crespi, and R.J. Sexton (eds.). New York: Peter Lang Publishing Inc. 2005.
126. Carter, C.A. and X. Li “Trends in China’s Horticultural Trade” Journal of International Agricultural Trade and Development. Vol 1, No1. 2005.
127. Carter, C.A., D. Berwald, and A. Loyns. *Economics of Genetically Modified Wheat*. Toronto: University of Toronto Press. 2005.
128. D. Berwald, C. A. Carter, and G. P. Gruère. “Rejecting New Technology: The Case of Genetically Modified Wheat” American Journal of Agricultural Economics, Vol. 88, No. 2. 2006.
129. Carter, C.A. “Agriculture” in *Globalization: Encyclopedia of Trade, Labor, and Politics*. A. K. Vaidya (ed). Santa Barbara, CA: ABC-CLIO. 2006.
130. Carter, C.A. *Agricultural Policy and Markets*. Chapter to accompany Paul Krugman and Robin Wells. *Microeconomics*. New York: Worth Publishers. 2006.
131. Carter, C.A., B. Krissoff and A. P. Zwane. “Can Country-of-Origin Labeling Succeed as a Marketing Tool for Produce? Lessons from Three Case Studies” Canadian Journal of Agricultural Economics, 54 (2006): 513-530.
132. Carter, C.A. and C. Gunning-Trant “China’s Food Exports Face Dumping Laws” American Journal of Agricultural Economics, Vol. 88, No. Issue 5, (2006): 1227-1234.

133. Carter, C.A. and G. Gruere. "International Approval and Labeling Regulations of Genetically Modified Food in Major Trading Countries." Chapter in R.E. Just, J.M. Alston, and D. Zilberman (eds). *Regulating Agricultural Biotechnology: Economics and Policy*. New York: Springer Publishers, 2006.
134. Carter, C.A. and A. Smith "The Market Effect of a Food Scare: The Case of Genetically Modified StarLink Corn" *The Review of Economics and Statistics*, August 2007, Vol. 89, No. 3: 522-533.
135. Carter, C.A. and Cesar L. Revoredo Giha "The Working Curve and Commodity Storage under Backwardation" *American Journal of Agricultural Economics*, Vol. 89, No. 4 (2007): 864-872.
136. Carter, C.A. and Sandeep Mohapatra "How Reliable are Hog Futures as Forecasts?" *American Journal of Agricultural Economics*, Vol. 90, No. 2 (2008): 367-378.
137. Mérel P. and C.A. Carter "A Second Look at Managing Import Risk from Invasive Species" *Journal of Environmental Economics and Management*. Vol. 56, No. 3, November 2008, Pages 286-290.
138. Gruère, G.P., C.A. Carter, and H. Farzin "What labelling policy for consumer choice? The Case of Genetically Modified Food in Canada and Europe" *Canadian Journal of Economics*. Vol. 41, No. 4, Nov 2008, Pages: 1472-1497.
139. McKee, G., R. Goodhue, F. Zalom, C. A. Carter and J. A. Chalfant "Population Dynamics and the Economics of Invasive Species Management: The Greenhouse Whitefly in California-grown Strawberries" *Journal of Environmental Management*, Vol. 90, No. 1 (2009): 561-570.
140. Carter, C.A., F. Zhong, and J. Zhu "Development of Chinese Agriculture Since WTO Accession" *EuroChoices*, 8(2). 2009.
141. Carter, C.A., F. Zhong, and J. Zhu "China's Role in the 2007-2008 Global Food Price Boom and Bust" *EuroChoices*, 8(2). 2009.
142. Gruère, G.P., C.A. Carter, and H. Farzin "Explaining International Labeling Policies of Genetically Modified Food" *Review of International Economics*. Vol. 17, No 3. August 2009: 393-408.
143. Bond, J.K., C.A. Carter, and R. Sexton "A Study in Cooperative Failure: Lessons from the Rice Growers Association of California" *Journal of Cooperatives*. Vol. 23 (2009):71-86.

144. Carter, C.A. and Cesar L. Revoredo Giha “Eastham's Commodity Storage Model in a Modern Context” Oxford Economic Papers. Vol. 61. October 2009: 801-822.
145. Farinelli, B., C.A Carter, C.Y. Lin and D. Sumner “Import Demand for Brazilian Ethanol: A Cross-Country Analysis” Journal of Cleaner Production. Vol. 17 (2009):9-17.
146. Mohapatra, S. R.E. Goodhue, C.A. Carter, and J. A. Chalfant “Effects of Forward Sales on Spot Markets: Pre-commitment Sales and Prices for Fresh Strawberries” American Journal of Agricultural Economics, Vol. 92, No. 1 (2010): 152-163.
147. Miller, H.I. and C.A. Carter “Genetically Engineered Wheat, redux” Trends in Biotechnology January, 2010 Volume 28, Issue 1.
148. Carter, C.A. and C. Gunning-Trant “U.S. Trade Remedy Law and Agriculture: Trade Diversion and Investigation Effects” Canadian Journal of Economics. 43(1) (2010):97-126.
149. F. Qiao, J. Chen, C. A. Carter, J. Huang, and S. Rozelle. Market “Development and the Rise and Fall of Backyard Hog Production in China.” The Developing Economies. 2011. 49(2): 203-222.
150. Carter, C.A., G.C. Rausser and A. Smith “Commodity Booms and Busts” Annual Review of Resource Economics. 2011. Vol. 3. 2011:87-118.
151. Carter, C.A., Moschini, G., Sheldon, I. (Eds.) *Genetically Modified Food and Global Welfare*. Emerald, Bingley, UK. 2011.
152. Carter, C.A. F. Zhong, and J. Zhu “Advances in Chinese Agriculture and its Global Implications” Applied Economic Perspectives and Policy (Spring 2012) 34(1): 1-36.
153. Carter, C. A. and G.P. Gruère “New and Existing GM Crops: In Search of Effective Stewardship and Coexistence” Northeastern University Law Journal. Vol. 4. No. 1. Sp. 2012. 169-207.
154. Carter, C.A. and S. Mohapatra “Inventories and Antidumping: The Case of Orange Juice Trade” Empirical Economics. 2013 45:247-266.
155. J. Janzen, C.A. Carter, A. Smith, and M. K. Adjemian “Deconstructing Wheat Price Spikes: A Model of Supply and Demand, Financial Speculation, and Commodity Price Comovement” U.S. Department of Agriculture. Economic Research Report No. (ERR-165), April 2014.

156. Carter, C.A. "Some Trade Implications of the 2014 Agricultural Act" Choices. 3rd Quarter 2014. 29(3).
http://www.choicesmagazine.org/magazine/pdf/cmsarticle_387.pdf
157. Carter, C.A. and Pierre Mérel. "Hidden Costs of Supply Management in a Small Market." Canadian Journal of Economics. (forthcoming).
158. Aleks Shaefer and Colin A. Carter "GMO trade in a world of fragmented consumer preferences and needs" BIORES. Vol 9 - No 8. 14 October 2015.
159. D. Scheitrum, C.A. Carter, and A.M. Jaffe. "Testing Substitution between Private and Public Storage in the U.S. Oil Market: A Study on the U.S. Strategic Petroleum Reserve" Energy Economics. (forthcoming).
160. Carter, C.A., G.C. Rausser, and A. Smith. "Commodity Storage and the Market Effects of Biofuel Policies" American Journal of Agricultural Economics (forthcoming 2016).
161. Carter, C.A., J.A. Chalfant, N. Yavapolkul, and C. Carroll "International Commodity Trade, Transport Costs, and Product Differentiation." Journal of Commodity Markets. (forthcoming).

INVITED PAPERS AND TALKS

- Carter, C. "Issues in U.S. - Canadian Free Trade in Agriculture," Paper presented to the Research Symposium on U.S. - Canadian Free Trade Issues: Royal Commission on the Economic Union and Development Prospects for Canada, Ottawa, October 1983.
- Carter, C. and R.M.A. Loyns. "The Prairie Grain Industry in Western Transition," Paper presented at the Western Economic Transition Conference, Department of Economics, University of Alberta, November 1984.
- Carter, C. "Japanese Agricultural Policy and Trade: Current Developments and Prospects," Paper presented to the University of Saskatchewan 75th Anniversary Conference on World Agricultural Policies and Trade: Implications for Western Canada, November 1984.
- Carter, C. and A. Schmitz. "Stockholding and Producer Income Variability," Paper presented to International Agricultural Economics Association Meeting, Malaga, Spain, August 1985.
- Carter, C. "China's Grain Trade," Presentation to Western Canadian Wheat Growers Annual Meeting, January 1986.

- _____. "Projecting Future Grain Flows," Presented to University of Manitoba Transport Institute Conference on the Future of the Great St. Lawrence Seaway System, February 1986.
- Carter, C. and A. Schmitz. "International Implications of National Policy Developments: Canada," Paper presented to Pacific Economic Cooperation Conference, Hotel Waitomo, New Zealand, June 30-July 2, 1986.
- Carter, C. and N. Hamilton. "Monetary Policy and Returns to Wheat Farmers," Paper presented at the annual AAEA meetings, Reno, Nevada, August 1986.
- Carter, C. "Issues in International Agricultural Trade in the Pacific Rim," Paper presented to Fifth International Conference on Pacific Economic Cooperation, Pan Pacific Hotel, Vancouver, B.C., November 1986.
- _____. "Futures Markets in Theory and Practice," Seminar presented at South China Agricultural University, Guangzhou, China, November 1986.
- _____. "Chinese Grain Production and Trade," Paper presented at International Agricultural Trade Research Consortium annual meeting, Mexico City, CIMMYT, December 1986.
- _____. "Invited Lecture Series (3 lectures). University of Guelph, Guelph, Ontario, April 1987.
- _____. "Grading in Theory and Practice," Paper presented to Ministry of Commerce/FAO Conference on International Food Marketing Policies, Beidaihe, China, July 1987.
- Carter, C. and F. Zhong. "Regional Comparative Advantage in Chinese Agriculture," Paper presented at IAAE/CSAE/CAASS Conference on Rural Development Strategies, Beijing, China, October 1987.
- Carter, C. "Global Subsidies War in Agriculture," Paper presented at Economic Council of Canada Conference on the future of agriculture, Saskatoon, Saskatchewan, March 1988.
- Carter, C. and C. Galopin. "USDA Hogs and Pigs Reports: Futures Prices, Information and Forecasting," Paper presented at Conference on Applied Commodity Price Analysis, Chicago Mercantile Exchange, April 1989.
- Alston, J., C. Carter, and T. Jarvis. "Discriminatory Trade: The Case of Japanese Beef and Wheat Imports," Paper presented at Pacific Economic Cooperation Conference: Agricultural Policy, Trade and Development, Seoul, Korea, May 1989.

- Alston, J. and C. Carter. "Causes and Consequences of Farm Policy," Paper presented at 64th Annual Western Economics Association International Conference, Lake Tahoe, June 1989.
- Carter, C. "Interface Between Chinese and Global Agricultural Trade Policy," Invited paper, Annual Meeting of American Society of Agronomy, Las Vegas, October 1989.
- Alston, J., C. A. Carter, J. Chalfant, and S. Schonberger. "Accounting for Farm Programs," Invited paper presented at 34th Annual Conference of Australian Agricultural Economics Society, Brisbane, Australia, February 1990.
- Carter, C. "China's Historical Agricultural Trade Performance," Paper presented at Conference on "Modern Agricultural Science: Perspectives for the 21st Century, Oregon State University, Corvallis, July 1990.
- Carter, C. "U.S., Mexican, Canadian Free Trade Zone," Invited paper, 3rd Latin American and Caribbean Agricultural Economics Association Conference, Cartagena, Colombia, September 1990.
- Anania, G., M. Bohman, and C. Carter. "Effects of the EEP Program on World Wheat Markets," Paper presented at VI the Congress of the European Association of Agricultural Economists, The Hague, Sept. 1990.
- Carter, C. "The Participation of China and the USSR in the Global Wheat Market" paper presented at a GATT conference at the University of Kiel, Germany, Oct. 1991.
- Carter, C. "Lessons Learned from the Canada-U.S. Free Trade Agreement" Giannini conference on the North American Free Trade Agreement, Los Angeles, March 1992
- Carter, C., Invited Lecture on International Agricultural Trade, Department of Economics, Central European University, Prague, Czechoslovakia, June 1992
- Carter, C. and B. Zhang, "Effects of Weather on Wheat Production in China and the USSR: A Comparative Study" paper presented at a conference on "Prospects for Chinese Agricultural Development in the 1990s" Beijing, China, August 1992.
- Carter, C. and D. MacLaren. "Is There Anything in New Trade Theory for Small Countries?" paper presented at 38th Annual Australian Agricultural Economics Society Conference, Wellington, New Zealand, Feb. 7-11, 1994.
- Carter, C., H. Lee and D. Sumner. "Regional Economic Cooperation: The Role of Agricultural Production and Trade" paper presented at Northeast Asia Cooperation Dialogue III. Moscow, Russia, April 27-28, 1995.

- Colin Carter and Funing Zhong “Rural Wheat Consumption in China” paper presented at American Agric. Economics Association Organized Symposium, Indianapolis, August 9, 1995
- Carter, C. “Research on Institutional Reform and Agricultural Productivity Growth in China” paper presented at a conference on “Grain Market Reform in China and Its Implications” East-West Center, Honolulu, Hawaii, September 15-19, 1995.
- Carter, C. and W. Wilson “Emerging Differences in State Grain Trading: Australia and Canada” paper presented at the North American Economics and Finance Association, Allied Social Science Association Annual Conference San Francisco, January 5-7, 1996.
- Carter, C. and A. Loyns “Economics of Single Desk Selling of Canadian Grain” paper presented to Canada Grains Council, 27th Annual Conference, Banff, April, 1986.
- Carter, C. “Domestic Costs of Statutory Marketing Authorities” seminar presented to Instituto Nazionale di Economia Agraria, Rome, Italy, May 1997.
- Carter, C. “The Urban-Rural Income Gap in China: Implications for Global Food Markets” Invited Paper, CAEFMS/AAEA Annual Meeting, July 27-30 1997, Toronto, Canada.
- Carter, C. “Economic Reform and the Changing Pattern of China's Agricultural Trade” Annual Hibbard Memorial Lecture, University of Wisconsin-Madison, April 30, 1999.
- Carter, C. “When Do Firms Prefer To Buy From a Monopoly? An Example From Agriculture” I.W. Arthur Memorial Lecture, Department of Economics, Iowa State University, April 17, 2000.
- Carter, C. “International Approaches to Genetically Modified Food Labeling Policies” INEA - Istituto Nazionale di Economia Agraria, Rome, June 20, 2003.
- Carter, C. “Economics of Genetically Modified Rice” Instituto Nacional de Investigacion Agropecuaria, Montevideo, Uruguay, Sept. 2004.
- Carter, C. “Economics of Genetically Modified Wheat” Washington State University, Pullman WA, April 2005.
- Carter, C. “Rejecting New Technology: The Case of Genetically Modified Wheat” Chinese Center for Agricultural Policy, Beijing, July 2005.
- Carter, C. “Economics of Genetically Modified Wheat” La Trobe University, Melbourne, Australia, April 2007.

- Carter, C. "Commodity Markets in the Energy Age: Food Security, Energy Security, & the Future of the Grain Trade" Rice Congress of the Americas, Porto Alegre, Brazil, April 2008.
- Carter, C. "Regulatory Approaches to Futures Markets in the U.S. and the EU" University of Portugal IDEFF Conference on Financial Regulation, Lisbon, July 2008.
- Carter, C. "2008 Commodity Boom & Bust" Crop Insurance and Reinsurance Bureau Annual Meeting, Palm Springs, Feb. 2009.
- Carter, C. "Agricultural Policy and Meeting Growing World Food Needs" French Ministry of Agriculture, Paris, August 2009.
- Carter, C. "China's Future Role in International Markets" USDA Agricultural Outlook Forum, Washington DC, February 2010.
- Carter, C. "U.S. - China Trade Relations" Stanford University, April 2010.
- Carter, C. "Weather Variability and Agriculture" Weather Risk Management Association Annual Conference, Miami, FL, May 2010.
- Carter, C. "Regulation of Futures Markets in the Post-Crisis Environment" University of Lisbon Conference on the Financial Crisis, Lisbon, September, 2010.
- Carter, C. "Commodity Booms and Busts" Nanjing Agricultural University International Symposium on Post-Crisis Food Security & Rural Development, Nanjing, China, Nov. 2010.
- Carter, C. "California's Climate Change Policy" Annual Meeting, California Chapter of the American Society of Farm Managers and Rural Appraisers. Sacramento. March 2011.
- Carter, C. "China's Future Economic Performance" Farm Foundation Forum, National Press Club. Washington DC. March 2012.
- Carter, C. "The Economics of Bio-energy" Low-Carbon Forum on Urban and Regional Development, Peking University, Hangzhou, China, April 2012.
- Carter, C.A. "Issues Facing China's Agriculture" International Association of Agricultural Economists, Iguacu, Brazil, Aug. 2012.
- Carter, C.A. "Emerging Markets, Agricultural Trade and Canada's Relative Performance" Canadian Agricultural Economics Society Conference on *The Growing Canada's Agricultural Economy: The Role of Trade*, Ottawa, Jan 2013.

- Carter, C.A. "China's Agricultural Trade" The U.S.-China Economic and Security Review Commission, Hearing on "China's Agriculture Policy and U.S. Access to China's Market." Ames, Iowa. April 2013.
- Carter, C.A. "Is China Able and Ready to Tackle Its Food, Water and Air Challenges?" Future China Global Forum 2013. Singapore. July 2013.
- Carter, C.A. "China's Food Security Issues" Development Research Center of the State Council, Symposium on China's Food Security, Beijing, November 2013.
- Carter, C.A. "From Field to Fuel: The Economics of Biofuel Energy" The University of Chicago, Chicago, Feb. 2014.
- Carter, C.A. "Development Opportunities For Western China" International Forum on Development Strategies and Ecological Issues in Western China, Northwest A&F University 80th Anniversary Celebration, Yangling, Shaanxi, China, September 2014.
- Carter, C.A. and P. Merel "Hidden Costs of Supply Management in a Small Market" WEAI 11th International Conference. Wellington, New Zealand, Jan 2015.
- Carter, C.A. "Market Effects of Biofuel Policies" Key Note address. Commodity Market Workshop. Norwegian Centre for Commodity Market Analysis. NMBU School of Economics and Business, Oslo, Norway, May 2015.
- Carter, C.A. "Emerging Issues in China's Economy" Daryl F. Kraft Memorial Lecture, University of Manitoba, Winnipeg, Canada, November, 2015.
- Carter, C.A. "Political Economy of Trans Pacific Partnership Regional Trade Agreement" Annual M.L. Wilson Lecture, Montana State University, Bozeman, November, 2015.

CONSULTING EXPERIENCE

Consultant to:

Office of the Grain Sales Manager, USDA, Washington, D.C.
Agriculture Canada, Ottawa
Transport Canada, Ottawa
Department of Consumer and Corporate Affairs, Ottawa
Prince Edward Island, Department of Agriculture, Charlottetown
Infomart, Winnipeg
Food West Resource Consultants, Edmonton
Prairie Horizons Limited, Winnipeg
Winnipeg Commodity Exchange, Winnipeg
Economic Council of Canada, Ottawa
Science Council of Canada, Ottawa
Don Ference and Associates, Vancouver

Alberta Wheat Pool, Calgary
Department of Finance, Ottawa
Government of Saskatchewan, Regina
Canadian International Development Agency, Ottawa
International Development Research Center, Ottawa
Grain Transportation Authority, Winnipeg
U.S. Congress, Office of Technology Assessment, Washington, D.C.
Lakehead Terminal Elevators Association, Winnipeg
Saskatchewan Wheat Pool, Regina
Canadian Association of Regulated Importers, Toronto
Canadian Grain Commission, Winnipeg
Australian Wheat Board, Melbourne, Australia
Booz Allen & Hamilton, Sydney, Australia
Sugimoto & Co. LLP, Calgary
Lange & Lange LLP, San Francisco
The World Bank, Washington D.C.
Stewart and Stewart LLP, Washington D.C.
OECD, Paris
International Maize and Wheat Improvement Center, Mexico
McKenna and Cueno LLP, San Francisco, CA
Kahn, Soares & Conway LLP, Sacramento, CA
Monsanto Canada, Winnipeg
Wolf Haldenstein Adler Freeman & Herz LLP, New York
Willkie, Farr, and Gallagher LLP, Washington DC
Poindexter and Doutre LLP, Los Angeles, CA
Stikeman Elliott LLP, Ottawa
Gray, Ritter & Graham, P.C., St. Louis, MO
Olam International, Singapore
Endurance Reinsurance, Irvine, CA
Stueve, Siegel, and Hanson LLP, Kansas City, KS
Faegre & Benson LLP, Minneapolis, MN
Neblett, Beard, & Arsenault, New Orleans, LA
J.P. Morgan, Hong Kong
Brodeur Law Firm, Dallas, TX
Damrell Nelson Schrimp Pallios Pacher & Silva, LLP Modesto, CA
Norton Rose Canada LLP, Toronto
Keker & Van Nest LLP, San Francisco, CA
Schiff Hardin LLP, Chicago, IL
Hanson Bridgett LLP, San Francisco
Cassidy Levy Kent LLP, Washington DC
Greene Espel, PLLP, Minneapolis, MN