

## **MICHAEL A. BOLAND**

Abbreviated Vitae – October 12, 2020

### **Brief Bio**

Michael Boland (Mike) holds the Koller endowed Professorship in agribusiness management and information technology at the University of Minnesota and is a professor of agricultural economics in the College of Food, Agricultural, and Natural Sciences. He is an adjunct professor in the Mondale School of Law and the Carlson School of Management. Prior to 2010, Mike worked at Kansas State University. He has authored more than 300 publications and he and his collaborators have received almost \$10 million in competitive funding to support graduate students and staff since 1998.

Much of his research involves public-private partnerships. His work focuses on the governance of agricultural supply chains and food value chains and the role of farmers, producers, and ranchers. That research looks at the nature of integration and contractual arrangements and governance of different phases in these chains globally.

Since 2010, he has taught, at least once, undergraduate courses in Cooperatives and Mutuals; Farm Management; Food Marketing Economics; Business Strategy; Ireland Dairy Policy Study Tour; National Grocers Association; and Agribusiness and Food Value / Supply Chain and graduate courses include: Collective Entrepreneurship; Managerial Economics; Integrated Food Systems Leadership; The Food and Agribusiness Marketplace; and The Business of Food. The latter two courses are interdisciplinary courses with students enrolled from public health, public affairs, business, applied economics, food science and other ag science programs.

Mike teaches educational modules on finance, governance, and strategic thinking in boards of director leadership programs, board retreats, and similar programs for cooperatives, credit unions, and mutual insurance firms. In addition, he has more than 100 presentations on various issues related to the food system. Mike has worked with agribusinesses and cooperatives in Latin America, China, South Africa, Australia, and Europe. Mike lectures at Zamorano University in Honduras and is a Speaker for the U.S. Department of State on global trade, food security, governance, and free trade agreement issues. Mike's Ph.D. in agricultural economics is from Purdue University where he worked on programs in the Center for Food and Agricultural Business. He is the oldest of 12 children and was reared in Minnesota.

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### **Education**

Ph.D. Agricultural Economics, Purdue University, West Lafayette, IN.  
M.S. Agricultural Economics, Purdue University, West Lafayette, IN.  
M.Ed. Agricultural Education, University of Minnesota, St. Paul, MN.  
B.A. Business Administration, University of St. Thomas, St. Paul, MN. Graduated cum laude

### **Professional Experience**

Professor of Agricultural Economics and E. Fred Koller endowed chair in agribusiness management and information technology, University of Minnesota, 2010 to present.  
Adjunct Professor, University of Minnesota, Mondale Law School and Carlson School of Management, 2014 to present.  
Undergraduate Coordinator, Agricultural and Food Business Management degree program, University of Minnesota, 2013 to 2016.  
Director, The Food Industry Center, University of Minnesota, 2011 to present.  
Adjunct Professor, Kansas State University, 2010 to present  
Visiting Lecturer, Zamorano University, 2005 to present.  
Visiting Lecturer, International University of Ecuador, 2004 to 2010.  
Assistant, Associate and Professor of Agricultural Economics, Kansas State University, 1996 – 2010.  
University Distinguished Teaching Scholar, Kansas State University, 2005 - 2010.  
Visiting Professor, Montana State University, 2001.  
Associate Director of Arthur Capper Cooperative Center, Kansas State University, 2000 – present.  
Extension Assistant, Purdue University, 1996 - 1996.

### **Selected National Leadership Activities**

National Grocers Association, Industry-University Coalition, 2012 to present.  
Minnesota Ag Safety Director Program, 2014 to 2017.  
Agricultural and Applied Economics Association Board of Directors, 2013 to 2016.  
Council on Food, Agriculture, and Resource Economics (C-FARE), 2013 to 2015.  
DuPont Safety Culture Program with Cooperatives, 2010-2014.  
USDA International Agribusiness Competitiveness Task Force, 2008 to 2012.  
International Agribusiness Case Studies, 2008 to 2010. Co-editor of a book entitled *International Agribusiness Case Studies in Honor of Professor Ray Goldberg*.  
AAEA Teaching, Learning, and Communication Section, 2006 to 2009. Served as co-chair elect (2006), co-chair (2007-08), and immediate past co-chair (2009) and helped create The Teaching Academy.  
Farmer Cooperatives Planning Committee, 1998 to present.  
Western Agricultural Economics Association, 2001 to 2010. Elected Vice-President of the WAEA in 2006-07, President for 2009-10, past-President in 2010-11.  
Galbraith Forum Committee, agribusiness representative, 2005. Served as chair of the 2005 Galbraith Forum for the American Agricultural Economics Association (AAEA), which included preparing nomination materials for Dr. Michael Porter of Harvard University.  
USDA National Food and Agribusiness Management Education Commission (Co-chair with Jay Akridge), 2003 to 2006. ([www.agecon.purdue.edu/cab/NFAMEC/home.htm](http://www.agecon.purdue.edu/cab/NFAMEC/home.htm)).

### **Individual Awards**

UMN CFANS Alumni Association Distinguished Faculty award, 2017.  
CFANS Distinguished Teaching Award, 2017.  
Choices Outstanding Article, Honorable Mention (with M. Hanson, A. Keller, and W. Lazarus), 2017  
International Education Award, Kansas State University, 2009.  
College of Agriculture Advisor of the Year Award (chosen by students), 2009.  
APEX Award, Purdue University, 2009.  
Outstanding Undergraduate Teaching Award (More than 10 Years' Experience), American Agricultural Economics Association, 2009.  
Recognition of Merit, Zamorano University, 2008.

U.S. Department of Agriculture Outstanding Teacher Award, regional winner, 2008.  
Outstanding Case Study Award, Brazilian Academy of Management, 2007.  
Rabobank Fellow in Agribusiness Co-operation, 2005.  
University Distinguished Teaching Scholar, Kansas State University, 2005.  
David Mugler Distinguished Ag Faculty Award, K-State Ag Alumni Association, 2003.  
Faculty of the Semester, College of Agriculture, Kansas State University, fall 2001.  
Outstanding Undergraduate Teaching Award (Less than 10 Years' Experience), American Agricultural Economics Association, 2001.  
Extraordinary Teacher Citation, College of Agriculture, 2001.  
Outstanding Undergraduate Teaching Award (Less than 10 Years' Experience), Western Agricultural Economics Association, 2001.  
Presidential Award for Excellence in Undergraduate Teaching, 2001  
Outstanding Undergraduate Teacher, Gamma Sigma Delta, Kansas State University, 2001.  
NACTA Teaching Fellow, 2000.  
College of Agriculture Teacher of the Semester, fall 1997.  
Business Excellence Award: Community Service, University of St. Thomas Business Alumni Association, 1996.

### **Team Awards**

Distinguished Extension Program (with Grain Glitch Team), Agricultural and Applied Economics Association, 2019.  
K-State Continuing Education Association Great Plains Region Award for MAST program, 2004.  
Extension Program Award (with MAST faculty), Western Agricultural Economics Association, 2004.  
Distinguished Extension Program Award (with MAST faculty), Southern Agricultural Economics Association, 2004.  
K-State Research and Extension Team Award, MAST (Management and Strategic Thinking) Program, 2003.  
Team Award, U.S. Department of Agriculture Secretary's Award, Hard White Wheat Commercialization Team, 2002.  
Extension Program Award, Western Agricultural Economics Association, 2002.  
Honorable Mention, American Distance Education Consortium, Excellence in College and University Distance Education National Award (with MAB faculty and staff), 2001.  
University Continuing Education Association/Peterson "Most Innovative Program in the Nation," (with MAB faculty and staff), 2001.  
Honorable Mention, American Distance Education Consortium, Excellence in College and University Distance Education National Award (with MAB faculty and staff), 2000.  
University Continuing Education Association "Best New For-Credit Educational Program in the Nation" (with MAB faculty and staff), 2000.  
University Continuing Education Association Region V award (with MAB faculty and staff), 1999.  
Blue Ribbon Award for Extension (with Purdue Swine Technology Team), American Society of Agricultural Engineers, 1997.  
Distinguished Extension Program (with Purdue Swine Technology Team), American Association of Agricultural Economics, 1996.  
School of Agriculture Team Award (with Purdue Swine Technology Team), Purdue University, 1996.  
Swine Industry Award for Innovation: Education (with Purdue Swine Technology Team), American Society of Animal Science/National Pork Producers Council, 1996.

## **Extension and Outreach Programs**

- I have an extensive outreach and extension program. For twenty years. I have taught a six-module Director / Manager Leadership curriculum as a fee for service program with modules in beginning and advanced finance, governance, human resources, and strategy. The advanced curriculum is the most popular because of its new content annually of case firms and information.
- There is a broad outreach program aimed at food industry professionals beyond the farm gate as part of endowed chair and Center responsibilities in my appointment. These are, in general, one-off type presentations on a specific topic.
- In a given year, I generally teach 12 ½ or full day workshops using my curriculum and present 10, ½ hour or so on different food issues to accountants, financial officers, lawyers, marketing, human resource and similar professionals.
- At Kansas State and Purdue, my extension program focused on vertical coordination by farmers beyond the farm gate. Topics included business development, Hard White Wheat Adoption, USDA Process Verified Program, Value-enhanced Crops and Risk Management Clubs, New Generation Cooperatives, and Value-based Marketing of Pork.
- I serve on a number of state, national, and international program planning activities for conferences, workshops, and programs aimed at employees and directors of agribusinesses. My service is quite extensive in many cases with direct planning responsibilities including podium work such as moderator, speaker, panel participant, and inviting speakers.
- Member, Harvard University Private and Public, Scientific, Academic, and Consumer Food Policy International Agribusiness and Food Issues and Policies, U.S. Department of State Speaker, 2006 to present.

## **Refereed Research Publications**

1. Hanson, E.D., & Boland, M.A. Safety Climate at Agribusiness Retailers. *Journal of Safety Research*. [Forthcoming]
2. Boland, M.A. (2019). Governance in Agricultural Cooperatives. *Western Economic Forum*, 17(2), 42-51.
3. Kenkel, P., McKee, G., Boland, M.A., & Jacobs, K. (2019). The New Role of Agricultural Cooperatives in Pooling and Distributing Tax Deductions. *Western Economic Forum*, 17(2), 16-23.
4. Boland, M.A. (2019). Case Study Research Topics in Agribusiness Economics and Management. *Applied Economics Teaching Resources*, 1(2), 1-13. [additional appendix]
5. Hanson, E. D., & Boland, M.A. (2019). Occupational Health and Safety Issues at Agribusiness Retailers. *Applied Economics Teaching Resources*, 1(1), 52-59.
6. Boland, M.A. (2018). The Business Merit of Trade. *Federal Reserve Bank of Kansas City Economic Review*, 103(Special Issue), 27-54.
7. Cakir, M., Beatty, T., Boland, M.A., Cakir, S., Park, T., & Wang, Y. (2018). Spatial and Temporal Variation in the Value of the WIC Program's Fruit and Vegetable Voucher. *American Journal of Agricultural Economics*, 100(3), 691-706.
8. Fuller, K., Brester, G., & Boland, M.A. (2018). Genetic Engineering and Risk in Varietal Selection of Potatoes. *American Journal of Agricultural Economics*. 100(2), 600-608.
9. Cakir, M., Boland, M., & Wang, Y. (2018). The Outbreak of 2015 Avian Flu Influenza in 2015 on U.S. Turkey Producers and the Loss Mitigating Role of Free Trade Agreements. *Applied Economics Perspectives and Policy*. 40(2), 297-315.
10. Boland, M. A. (2017). *Introduction to Cooperatives and Mutuals*. University of Minnesota Libraries
11. Kenkel, P., & Boland, M.A. (2017). Implications of Equity Structure on Governance of Agricultural Cooperatives.” *The Cooperative Accountant*, LXX(2), 2-12.

12. Secor, W., & Boland, M.A. Entry and Exit Patterns in Corn-ethanol Plants. (2017). *American Journal of Agricultural Economics*, 99(2), 524-531.
13. Boland, M., Cooper, B., & White, J.M. (2016). Making Sustainability Tangible: Land O'Lakes and the Dairy Supply Chain. *American Journal of Agricultural Economics*, 98(2), 648-657.
14. White, J.C. and M.A. Boland. (2016). "Fraternal Benefit Societies." *Journal of Cooperatives* 31(1), 1-31
15. Volpe, R., Risch, C., & Boland, M.A. (2015). The Determinants of Price Adjustments in Retail Supermarkets. *Managerial and Decision Economics*, 38(1), 37-52.
16. Risch, C.C., Boland, M.A., Crespi, J.M., & Leinweber, M. (2014). Determinants of Occupational Safety for Agribusiness Workers. *Applied Economic Perspectives and Policy*, 36(3), 546-559.
17. Boland, M.A., Crespi, J.M., & Turner, T.M. (2014). Measuring Sunk Costs in Agricultural and Food Industry Assets: Why Some Assets Sell Below Appraisal. *Journal of Agricultural and Food Industrial Organization*, 12(1), 53-63.
18. Risch, C.C., Boland, M.A., & Crespi, J.M. (2014). Survival of U.S. Sugar Beet Plants from 1897 to 2011. *Agribusiness*, 30(3), 265-277.
19. White, J.M. and M.A. Boland. (2014). Minnesota Township Mutual Fire Insurance: Determinants of Survival, 1974 – 2010. *Journal of Cooperatives*, 28, 1-26.
20. Kenkel, P., M.A. Boland, and D. Barton. (2014). Understanding NonQualified Distributions. *The Cooperative Accountant LXVII*, 2-10.
21. Boland, M.A. and D. Barton. (2013). Overview of Research on Cooperative Finance. *Journal of Cooperatives* 27, 1-14.
22. Gallo, E., & Boland, M.A. (2012). Human Capital Formation for Agribusiness the Case of Zamorano University. *International Food and Agribusiness Management Review*, 15(SPECIAL ISSUE), 121-125.
23. Boland, M.A., Crespi, J.M., Silva, J., & Xia, T. (2012). Measuring the Benefits to Advertising Under Monopolistic Competition. *Journal of Agricultural and Resource Economics*, 37(1), 144-155.
24. Herrman, T.J., Boland, M.A., Agrawal, K., & Baker, S.R. (2012). Use of a Simulation Model to Evaluate Wheat Segregation Strategies for Country Elevators. *Journal of Agricultural Safety and Health*, 18(1), 105-112.
25. Sporleder, T.L., & Boland, M.A. (2011). Exclusivity of Agrifood Supply Chains: Seven Fundamental Economic Characteristics. *International Food and Agribusiness Management Review*, 14(5), 27-51.
26. Barton, D., M.A. Boland, F. Chaddad, and E. Eversull. (2011). Current Challenges in Financing Agricultural Cooperatives. *Choices*, 26, 3.
27. Boland, M.A., J. Hogeland, and G. McKee. (2011). Current Issues in Strategy for Agricultural Cooperatives. *Choices*, 26, 3.
28. Boland, M., & Brautigam, A. (2010). Economic Analysis of Options for Food Aid Policy in Honduras. *International Food and Agribusiness Management Review*, 13(2), 51-68.
29. Boland, M.A., & Crespi, J.M. (2010). From Farm Management to Agricultural and Applied Economics: The Expansion of a Professional Society as Seen Through a Census of its Dissertations from 1951 to 2005. *Applied Economic Perspectives and Policy*, 32(3), 456-471.
30. McKee, G., Boland, M., & Offerdahl, A. (2009). American Crystal Sugar Company: Making Ethanol from Sugar Beets? *Review of Agricultural Economics*, 31(2), 383-392.
31. Boland, M.A. (2009). Leadership Development in Agricultural Economics: Challenges for Academic Units. *Journal of Agricultural and Resource Economics*, 34(3), 367-382.
32. Brester, G.W., Grant, B., & Boland, M.A. (2009). Marketing Organic Pasta from Big Sandy to Rome: It's a Long Kamut. *Review of Agricultural Economics*, 31(2), 359-369.

33. Boland, M.A. (2009). Leadership Development in Agricultural and Applied Economics: Challenges for Academic Units. *Journal of Agricultural and Resource Economics* 34(3):367-382.
34. McKee, G., Shaik, S., & Boland, M. (2009). Role of Financial Variables in Explaining the Profitability of North Dakota Farm Supply and Grain Marketing Cooperatives. *Journal of Rural Cooperation*, 37(2), 261-272.
35. Chaddad, F.R., & Boland, M. (2009). Strategy-Structure Alignment in the World Coffee Industry: The Case of Cooxupé. *Review of Agricultural Economics*, 31(3), 653-665.
36. Boland, M., Pozo, V., & Sumner, D. (2009). Sunkist Growers: Refreshing the Brand. *Review of Agricultural Economics*, 31(3), 627-639.
37. Dorsey, S. and M.A. Boland. (2009). Vertical Integration in the U.S. Food Economy. *Journal of Agricultural and Applied Economics* 41, 3:585-598.
38. Boland, M.A., J. Crespi, and D. Oswald. (2009). An Analysis of the 2002 Farm Bill's Value-Added Producer Grants Program. *Journal of Agribusiness* 27, 107-123.
39. Boland, M.A. and G. McKee. (2009). The Restructuring of Dakota Growers Pasta Company. *Journal of Cooperatives* 23, 141-151.
40. McKee, G. and M.A. Boland. (2009). North American Bison Cooperative and North Dakota Natural Beef LLC: Governance of a Contractual Alliance. *Journal of Cooperatives* 23, 152-163
41. Sánchez, D.S., Boland, M.A., & Sumner, D. (2008). Sun-Maid Growers of California. *Review of Agricultural Economics*, 30(2), 360-369.
42. McKee, G. and M.A. Boland. (2008). Cass-Clay Creameries and AMPI. *Journal of Cooperatives* 21, 1-14.
43. Boland, M.A., B. Golden, and L. Tsoodle. (2008). Agency Problems in the Food Processing Industry. *Journal of Agricultural and Applied Economics* 40, 623-34.
44. Boland, M.A., Bosse, A., & Brester, G.W. (2007). The Mountain States Lamb Cooperative: Can Vertical Integration Keep Lamb Producers From Being Fleeced? *Review of Agricultural Economics*, 29(1), 157-169.
45. Boyd, S., M.A. Boland, K. Dhuyvetter, and D. Barton. (2007). The Persistence of Profitability in Local Farm Supply and Grain Marketing Cooperatives. *Journal of Agricultural and Applied Economics* 59, 201-210.
46. Boland, M.A., L. Perez, and J.A. Fox. (2007). Uruguayan Beef Industry. *Choices* 22, 13-19.
47. Boland, M., & Marsh, T.L. (2006). Input Quality in the Sugar Beet Industry. *Journal of Agricultural and Resource Economics*, 31(1), 114-128.
48. Boland, M.A., & Brester, G.W. (2006). Vertical Integration in the Malting Barley Industry: A "Silver Bullet" for Coors? *Review of Agricultural Economics*, 28(2), 272-282.
49. Amanor-Boadu, V., & Boland, M. (2005). Dan Dillon, CEO of Welch Foods. *International Food and Agribusiness Management Review*, 8(2), 115-120.
50. Taylor, M.R., Brester, G.W., & Boland, M.A. (2005). Hard White Wheat and Gold Medal Flour: General Mills' Contracting Program. *Review of Agricultural Economics*, 27(1), 117-129.
51. Schumacher, S.K., & Boland, M.A. (2005). The Persistence of Profitability Among Firms in the Food Economy. *American Journal of Agricultural Economics*, 87(1), 103-115.
52. Boland, M., & Schumacher, S. (2005). The Sustainability of Return on Assets Among Sectors in the Food Economy. *Agricultural Finance Review*, 65(1), 31-43.
53. Piana, C.F., Featherstone, A.M., & Boland, M.A. (2005). Vertical Integration in Ecuador: The Case of Fresh-Cut Pineapples. *Review of Agricultural Economics*, 27(4), 593-603.
54. Boland, M., Amanor-Boadu, V., & Barton, D. (2004). Land O' Lakes. *International Food and Agribusiness Management Review*, 7(2), 63-75.

55. Brester, G.W., & Boland, M.A. (2004). The Rocky Mountain Sugar Growers' Cooperative: "Sweet" or "Sugar-Coated" Visions of the Future? *Review of Agricultural Economics*, 26(2), 287-302.
56. Boland, M. (2004). The USDA CSREES Higher Education Program: Doctoral Fellowships in the National Need Area of Management and Marketing. *International Food and Agribusiness Management Review*, 7(1), 105-108.
57. Boland, M.A., & Akridge, J.T. (2004). Undergraduate Agribusiness Programs: Focus or Falter? *Review of Agricultural Economics*, 26(4), 564-578.
58. Mulik, K., J.A. Fox, and M.A. Boland. (2003). Acceptability of Irradiation to Restaurant Managers. *Food Protection Trends* 23, 12.
59. Boland, M. (2003). Cargill: Biotechnology and Value Creation in Wheat. *International Food and Agribusiness Management Review*, 6(3), 1-18.
60. Perez, L., Boland, M., & Schroeder, T. (2003). Country-of-Origin Labeling for Uruguayan Beef. *International Food and Agribusiness Management Review*, 6(4).
61. Boland, M.A., & Katz, J.P. (2003). Jack Gherty, President and CEO of Land O'Lakes, on Leading a Branded Food and Farm Supply Cooperative. *Academy of Management Executive*, 17(3), 24-30.
62. Boland, M.A. and D. Barton (2002). American Crystal Sugar Company. *Journal of Finance Case Research* 6, 26-47.
63. Boland, M.A. and T. Schroeder. (2002). Marginal Value of Quality Attributes for Natural and Organic Beef. *Journal of Agricultural and Applied Economics* 34, 39-50.
64. Katz, J.P., & Boland, M.A. (2002). One for All and All for One? A New Generation of Co-Operatives Emerges. *Long Range Planning*, 35(1), 73-89.
65. Herrman, T.J., Boland, M.A., Agrawal, K., & Baker, S.R. (2002). Use of a Simulation Model to Evaluate Wheat Segregation Strategies for Country Elevators. *Applied Engineering in Agriculture*, 18(1), 105-112.
66. Boland, M., Lehman, E., & Stroade, J. (2001). A Comparison of Curriculum in Baccalaureate Degree Programs in Agribusiness Management. *International Food and Agribusiness Management Review*, 4(3), 219-223.
67. Fingerhut, K., Zhang, P., Fox, J., & Boland, M. (2001). Consumer Preferences for Pathogen-Reducing Technologies in Beef. *Journal of Food Safety*, 21(2), 97-110.
68. Boland, M., Hoffman, D.P., & Fox, J.A. (2001). Post-Implementation Costs of HACCP and SSOP's in Great Plains Meat Plants. *Journal of Food Safety*, 21(3), 195-204.
69. Boland, M.A., C. Freberg, and D. Barton. (2001). Dakota Growers Pasta. *Case Research Journal* 21, (2):35-56.
70. Boland, M.A., M. Johnson, and S. Schumacher. (2000). Wheat Breeder Battles: Hard Red vs. White. *Choices* 15, 17-20.
71. Katz, J.P., & Boland, M. (2000). A New Value-Added Strategy for the US Beef Industry: The Case of US Premium Beef Ltd. *Supply Chain Management*, 5(2), 99-109.
72. Boland, M., Domine, N.M., & Stiegert, K. (2000). Midwest Grain Products: A Change in Strategy Due to Trade Issues. *International Food and Agribusiness Management Review*, 3(4), 457-472.
73. Boland, M.A. and J.T. Akridge. (1999). Benchmarking Procedures for Retail Fertilizer Firms. *Agricultural Finance Review* 59, 65-76.
74. Schumacher, S., M.A. Boland, R. Madl, and G. Ham. (1999). Hard White Wheat Release Procedures: A Decision Case. *Journal of Natural Sciences and Life Sciences Education* 28, 63-71.
75. Boland, M.A., Featherstone, A.M., & Chapman, S.J. (1999). Characteristics of Master's Programs in Agribusiness Management. *International Food and Agribusiness Management Review*, 2(1), 63-81.

76. Boland, M.A. and S. Daniel. (1999). Agricultural Economists for the Private Sector -- Are We Meeting Their Needs? *Review of Agricultural Economics* 21, 319-330.
77. Boland, M.A., K.A. Foster, B.C. Joern, D.D. Jones, and P.V. Preckel. (1999). Manure Management Models: Manure Storage and Application Costs. *Journal of Production Agriculture* 12, 405-409.
78. Boland, M.A., Preckel, P.V., & Foster, K.A. (1998). Economic Analysis of Phosphorus-Reducing Technologies in Pork Production. *Journal of Agricultural and Resource Economics*, 23(2), 468-482.
79. Boland, M.A., K.A. Foster, and P.V. Preckel. (1998). Nutrient Economics of Swine Management. *Journal of Agricultural and Applied Economics* 31, 83-96.
80. Boland, M.A., S. Daniel, J. Katz, J. Parcell, and I. Romer de Aristizabal. (1998). The 21<sup>st</sup> Century Alliance: The Case of the Dry Edible Bean Cooperative. *Review of Agricultural Economics* 20, 654-65.
81. Brorsen, B.W., J.T. Akridge, M.A. Boland, L.D. Whipker, S. Mauney, and J.C. Forrest. (1998). Performance of Alternative Component Pricing Systems for Pork. *Journal of Agricultural and Applied Economics* 30, 313-324.
82. Katz, J.P. and M.A. Boland. (1998). The Structure of the Custom Cattle Feeding Industry," *Kansas Business Review* 22, 11-18.
83. Preckel, P.V., J.T. Akridge, and M.A. Boland. (1997). Efficiency Measures for Retail Fertilizer Dealers. *Agribusiness: An International Journal* 13:497-509.
84. Boland, M.A., Foster, K.A., Preckel, P.V., & Schinckel, A.P. (1996). Agricultural Economics: Analyzing Pork Carcass Evaluation Technologies in a Swine Bioeconomic Model. *Journal of Production Agriculture*, 9(1), 45-49.
85. Boland, M.A., Foster, K.A., Schinckel, A.P., Wagner, J., Chen, W., Berg, E.P., & Forrest, J.C. (1995). Alternative Pork Carcass Evaluation Techniques: I. Differences in Predictions of Value. *Journal of Animal Science*, 73(3), 637-644.
86. Boland, M.A., Foster, K.A., Schinckel, A.P., Chen, W., Wagner, J., Berg, E.P., & Forrest, J.C. (1995). Alternative Pork Carcass Evaluation Techniques: II. Statistical Analysis of Error Attributable to Sex, Genotype, and Weight. *Journal of Animal Science*, 73(3), 645-650.
87. Boland, M.A., Foster, K.A., & Akridge, J.T. (1995). Packer Sorting Strategies for Fresh Pork. *Agribusiness*, 11(5), 423-430.
88. Boland, M.A. and K.A. Foster. (1995). Simulation of a Carcass Evaluation Technology in a Pork Packing Plant. *Applied Transactions of the American Society of Agricultural Engineering* 37, 593-599.
89. Boland, M.A., E.P. Berg, J.T. Akridge, and J.C. Forrest. (1995). The Impact of Operator Error Using Optical Probes to Estimate Pork Carcass Value. *Review of Agricultural Economics* 17, 193-204.
90. Boland, M.A. and G.F. Patrick. (1994). Measuring Variability of Performance Among Individual Swine Producers. *Review of Agricultural Economics* 16, 75-82.
91. Boland, M.A., P.V. Preckel, and A.P. Schinckel. (1993). Optimal Hog Slaughter Weights Under Alternative Pricing Systems. *Journal of Agricultural and Applied Economics* 25, 148-163.
92. Boland, M.A., A.P. Schinckel, and P.V. Preckel. (1993). Optimal Marketing Weights of Different Genotypes of Hogs. *The Professional Animal Scientist* 9, 163-172.
93. Boland, M.A., K.A. Foster, G.F. Patrick, J.M. Foster, and D.E. Orr. (1993). Estimating the Linkages Between Productivity and Profitability in Swine Enterprises. *Journal of the Association of Farm Managers and Rural Appraisers* 57, 55-58.



### **Book Chapter**

1. Boland, M. A., & Cakir, M. (2018). *Agribusiness Economics and Management* (pp. 760-777). In *Handbook of Agricultural Economics*.
2. Boland, M. A. (2012). Arla Foods. In M. A. Boland (Ed.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg. Volume 2*.
3. Boland, M. A. NORPAC. (2012). In M. A. Boland (Ed.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg. Volume 2*.
4. Boland, M. A., & Çakır, M. (2012). Oregon Hazelnut Growers Cooperative. In M. A. Boland (Ed.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg. Volume 2*.
5. Boland, M. A. (2012). Snokist Growers. In M. A. Boland (Ed.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg. Volume 2*.
6. Boland, M.A. (2012). California Cling Peach Growers Association. In M. A. Boland (Ed.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg. Volume 2*.
7. Boland, M. A. Valley Fig Growers. (2008). In M. A. Boland (Ed.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg. Volume 2*.
8. Gallo, E., & Boland, M. A. (2008). Agrolibano: Issues in the Honduras Melon Industry. In M. A. Boland & E. Gallo (Eds.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg* (pp. 100-106). Manhattan, KS: K-State Printing Services.
9. McKee, G., & Boland, M. A. (2008). AMPI and the Acquisition of Cass-Clay, a North Dakota Dairy Cooperative. In M. A. Boland & E. Gallo (Eds.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg* (pp. 161-171). Manhattan, KS: K-State Printing Services.
10. Boland, M. A., Pena, H., & Sumner, D. (2008). Blue Diamond Growers and the World Almond Industry. In M. A. Boland & E. Gallo (Eds.), *International Agribusiness Strategy Cases: A Book in Honor of Professor Ray Goldberg* (pp. 172-182). Manhattan, KS: K-State Printing Services.
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39. Mark, D., Boland, M.A., and J.A. Fox. (1999). Pork Producers' Costs Estimates of On-Farm Salmonella Testing. Published in *Proceedings of 3<sup>rd</sup> International Symposium on the Epidemiology and Control of Salmonella in Pork*, August 6-8, Washington DC.
40. Boland, M.A. (1999). Do Public Universities Have a Role in Modifying Agricultural Supply Channels? Presented and published in *Proceedings of the Shape of the Coming Agricultural Biotechnology Transformation: Strategic Investment and Policy Approaches from an Economics Perspective*, (edited by D. Zilberman), June 17-19, University of Rome.
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### **Book Review**

Boland, M. A. (2019), Goldberg, R.A. *Food Citizenship: Food System Advocates in an Era of Distrust*. *American Journal of Agricultural Economics*. 101(4), 1308-1309.

### **Publications in Progress**

Atwood, J., Brester, G. W., & Boland, M. A., *Equilibrium Displacement Models: Theory and Application*.

Keller, A., & Boland, M. A. Farmland Ownership in the United States.

Keller, A., Boland, M. A., & Cakir, M. The Impact of an Increase in Minimum Wage on California Canning Peach Industry.

Cakir, M., Beatty, T. K.M., Boland, M. A., Li, Q., Park, T. A., & Wang, Y. Retail Price Premiums for Organic Fresh Fruits and Vegetables.

Sorg, G., Boland, M. A., & Bozic, M. The Development of a Milk Supply Leading Indicator Variable Using CAFO Permits.

Cho, C., Cakir, M., Kong, X., Stevens, A., & Boland, M. A., *The Food Retail Landscape across Rural America*. USDA Economic Research Service.

Keller, A., Boland, M. A., & Cakir, M. *The Impact of an Increase in the Federal Minimum Wage on the Egg Industry*.

Anderson, L., Blevins, E., & Boland, M. A. (2019). *Overview of the USDA VAPG Program From 2001 to 2017*. Staff Paper

Boland, M. A., & Jacobs, K. L., *Consolidation Trends in U.S. Farm Supply and Grain Marketing Cooperatives and Implications for Producer Control and Competition*. (International Cooperative Alliance Research Workshop, Wageningen University, the Netherlands, July 4-6, 2018)

### **Summary of Other Publications**

Peer reviewed proceedings, papers, and book chapters	101
Selected papers, cases, posters, and symposia	59
Agricultural Experiment Station and Cooperative Extension Service reports	29
Non-referred research summary, continuing education and other activities	77

### **Summary of Graduate Student Involvement**

Served as Major or Co-Major Professor

Completed Ph.D. thesis	<u>7</u>	Ph.D. in Process	<u>0</u>
Completed M.S. - Thesis	<u>34</u>	M.S. in Process - Thesis	<u>0</u>
Completed M.A.B. - Thesis	<u>10</u>	M.A.B in process - Thesis	<u>0</u>
Served as Member of Advisory Committee (not major professor)			
Completed Ph.D.	<u>12</u>	Ph.D. in Process	<u>2</u>
Completed M.S. - Thesis	<u>34</u>	M.S. in Process - Thesis	<u>1</u>
Completed M.B.A.	<u>5</u>	M.B.A. in process	<u>0</u>
Completed M.A.B. - Thesis	<u>27</u>	M.A.B in process - Thesis	<u>0</u>

### **External Funding (Boland and co-investigators)**

#### **Summary of Grant, Fee for Service, and Donation Activities**

Total sponsored projects, 1998 to present.	\$13,828,663
The Food Industry Center donations (2012 to 2016)	\$79,500
Total fee for service income (foundation and restricted fee accounts)	\$1,060,984
Total endowment contributions	\$1,078,465
Case study royalty income	\$27,626

Total funds are used to pay faculty salaries, graduate student assistantships (stipend, tuition, fees), and associated extension, research, and teaching funds to support these projects. Sponsored projects include 1) cooperative agreements with USDA Economic Research Service or Rural Development that are chosen based on certain expertise; 2) competitive grants through USDA NIFA including AFRI and its legacy programs including NRI and FRA; 3) and other grants which are education-based for student activities. Fee for service income is workshop, conference, and similar fees paid for programs administered by me.

### **Selected External Activities and Professional Service**

- Held various responsibilities within two professional societies including Western Agricultural Economics Association (committees, board, all officer positions including President) and Agricultural and Applied Economics Association (committees, board) and one regional USDA research committee NCERA-210 Improving the Management and Effectiveness of Cooperatively-Owned Business Organizations.
- Harvard Private and Public, Scientific, Academic, and Consumer food policy group member.
- U.S. Department of State Speaker on global agriculture supply chain issues, 2006 to present.
- Helped create AAEA Teaching Academy and AAEA Graduate Student Case competition.
- Served as chair of the 2005 Galbraith Forum for the AAEA, which included preparing nomination materials for Dr. Michael Porter of Harvard University.

- USDA National Food and Agribusiness Management Education Commission (Co-chair with Jay Akridge), 2003 to 2006.
- Reviewer for academic journals including American Journal of Agricultural Economics, Journal of Agricultural and Resource Economics, Food Distribution Research Society, Journal of Institutional Economics, Review of Agricultural Economics, Agricultural and Resource Economics, Applied Economics Perspectives and Policy, Canadian Journal of Agricultural Economics, Journal of Agricultural Economics, Managerial and Decision Economics, European Journal of Agricultural Economics, Journal of Agricultural and Applied Economics, Choices, Journal of Agribusiness, International Food and Agribusiness Management Association, Journal of Cooperatives, Journal of Dairy Science