

## Steven T. Buccola

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### Education

<u>Date</u>	<u>Degree</u>	<u>Major</u>	<u>Institution</u>
1976	Ph.D.	Agricultural Economics	U. of California, Davis
1972	M.S.	Agricultural Economics	U. of California, Davis
1966	B.A.	Philosophy ( <i>Summa cum Laude</i> )	St. Mary's College of California

### Employment

<u>Date</u>	<u>Position</u>	<u>Institution</u>
2015 - <i>present</i>	Emeritus Professor	Oregon State University
1987 – 2014	Professor	Oregon State University
2000	Lady Davis Fellow	Hebrew University, Israel
1999	Visiting Scholar	Harvard University
1985 - 1986	Visiting Associate Professor	Michigan State University (lecturing at University of Zimbabwe)
1982 - 1984	Associate Professor	Oregon State University
1980 - 1982	Assistant Professor	Oregon State University
1976 - 1980	Assistant Professor	Virginia Tech University

## **Awards**

Outstanding Article, *Choices Magazine*, 2015 (shared with co-authors)

R.M. Wade Award for Excellence in Teaching, College of Agricultural Sciences,  
Oregon State University, 2008

Outstanding Journal Article, *Review of Agricultural Economics*, 2000 and 2004

Distinguished Fellow of the Agricultural and Applied Economics Association (elected 2002)

## **Awards to Graduate Students**

Lin Qin Outstanding PhD Dissertation, Agricultural and Applied Economics  
Association, 2013 [*Dissertation Advisor*]

Monica Fisher Outstanding Ph.D. Dissertation (Honorable Mention), Agricultural and  
Applied Economics Association, 2003 [*Committee Member and On-  
Campus Advisor*]

Yin Xia Outstanding M.S. Thesis (Honorable Mention), Agricultural and Applied  
Economics Association, 2000 [*Dissertation Advisor*]

Jayashree Sil Outstanding M.S. Thesis, Western Agricultural Economics Association,  
1992 [*Thesis Advisor*]

## **Professional Service**

### **National Research Council**

Member, Committee on Review of USDA's Agriculture and Food Research Initiative,  
National Research Council, National Academies, Washington DC, 2012 - 2014

### **Graduate Program Administration, Oregon State University**

Director, Graduate Program in Applied Economics, 2013 – 2014

Chair, University Graduate Faculty of Economics, 2000 - 2005

PhD Microeconomic Theory Preliminary Examinations Committee,  
1982 - 1984, 1992 - 1998, 2002 - 2015

Policy and Planning Committee, 2000 – 2004, 2006 - 2010

Graduate Committee, 1982-1984, 1987 – 1993, 1998 – 1999, 2008 – 2009  
Governance Committee, 1981 - 1984, 1990 - 1993, 2003 - 2005  
Chair, 1982 - 1984, 1990 – 1991

**Agricultural and Applied Economics Association (formerly American Agricultural  
Economics Association)**

Past President, 2007 – 2008  
President, 2006 – 2007  
President Elect, 2005 - 2006

Membership Committee, 2004 - 2005

Task Force on Association Name  
Chair, 2002 – 2003

Essay for the 21<sup>st</sup> Century Committee (Chair, 1999 – 2002)

Board of Directors, 1997 - 2000

Committee on AAEA Governance Structure, 1997  
Committee on AAEA Constitution and Bylaws, 1999  
Congressional Science Fellow Committee, 1998 - 2000  
Nominating Committee, Professional Societies, 1998 - 2000  
Professional Activities Committee (Board Representative), 1997 - 2000  
Economic Statistics Committee (Board Representative), 1997 - 2000  
Resident Instruction Committee (Board Representative), 1997 - 1999

Editor, *American Journal of Agricultural Economics*, 1991 - 1994

Associate Editor, *American Journal of Agricultural Economics*, 1986 - 1991

Awards Committee

Publication of Enduring Quality, 2001 - 2004  
Quality of Research Discovery, 1987 - 1990  
Outstanding Ph.D. Dissertation, 1980 - 1983, 1997

Selected Papers Committee

Marketing and Price Analysis Coordinator, 1989  
Reviewer, 1989, 1994, 1996 - 1998

## **Western Agricultural Economics Association**

Published Research Awards Committee  
Chair, 1995 - 1996, 1987 - 1988

Vice President, 1989 - 1990

Committee on Journal Name  
Chair, 1989 - 1990

Committee on Status of WAEA Proceedings  
Chair, 1989 - 1990

Selected Papers Committee, 1984

Board of Directors, 1983 - 1985

Council Member, 1982 - 1984

## **European Association of Agricultural Economists**

Editorial Consultant, *European Review of Agricultural Economics*, 1994 - 1997

## **Southern Agricultural Economics Association**

Editorial Council, *Southern Journal of Agricultural Economics*, 1977 - 1980

## **Other Editorial Boards and Review Panels**

External Examiner, Graduate Program in Agricultural and Resource Economics, University of California, Davis, November 21 - 22, 2016.

Member, Committee on Review of the USDA Agricultural and Food Research Initiative, National Research Council, National Academies, 2012 - 2014

Associate Editor, *AgbioForum*, 2003 - present

Editorial Board, *Agribusiness: An International Journal*, 1998 - 2005

United States-Israel Binational Agricultural Research and Development Fund (BARD)  
Chair, Review Panel, *Agricultural Economics*: 1997 - 1998  
External Reviewer, *Agricultural Economics*: 1996 - 1997

National Research Initiative Competitive Grants Program, USDA  
Member, Review Panel, *Markets and Trade*: 1999

External Reviewer, Markets and Trade: 1993 - 1998

Small Business Innovation Research Program, USDA

External Reviewer: 1993, 1995, 1996

Agricultural Experiment Station, University of Nevada, Reno

Technical Review Committee: 1995

Avinashilingam Institute of Home Science and Higher Education for Women, India

External Reviewer, Ph.D. Dissertations, 1994 – 1998

## **Courses Taught**

<u>Course</u>	<u>Level</u>	<u>Years</u>
Microeconomic Theory: Production and Consumption	PhD	1989 - 1993 2005 - 2015
Microeconomic Theory: Equilibrium, Information, and Welfare	PhD	1993 – 1998
Microeconomic Theory: Production and Consumption	MS	1997–2004, 2011
Microeconomic Theory: Equilibrium, Information, and Welfare	MS	1987–1989, 2012 - 2014
Microeconomic Theory	BS	2006 – 2008
Microeconomic Theory: Markets and Consumption	BS	1981 - 1984, 1987
Microeconomic Theory: Production	BS	1976 - 1978
Agricultural Markets	PhD	1981, 1983, 1984, 1987, 1989, 1992
Agricultural Markets	BS	1994 - 1997
Price Analysis and Forecasting	BS	1979, 1980, 1985, 1986, 1998 - 2003

Agricultural Trade	BS	1985, 1986
Research Methods in Decisions Under Risk	PhD	1977, 1980, 1983 2004
Research Methods in Market Analysis	PhD	1978, 1980
Cooperative Organization	BS	1977 – 1979

## Publications

### In Preparation

Li, C., and S.T. Buccola. “Forward Contracting in a Large Diversified Nursery,” 2017.

Du, Y., and S.T. Buccola. “Pricing Structure in the U.S. Less-than-Truckload Motor Carrier Industry,” 2016.

### Journal Articles

Qin, L., and S.T. Buccola. “A Bayesian Measure of Research Productivity.” In *Agriscience to Agribusiness*, Ed. N. Kalaitzandonakes, Springer-Verlag, 2017, in press.

Qin, L., and S.T. Buccola. “Knowledge Measurement and Productivity in a Research Program.” *American Journal of Agricultural Economics* 99 (2017), in press.

Bi, Q., Z. Chen, and S.T. Buccola, “Recycling on Semi-Subsistence Farms: Household vs. Farm Factors.” *Journal of Pollution Effects and Control* 4 (3): 166 doi: 10.4172/2375- 4397, 2016.

National Research Council. *Spurring Innovation in Food and Agriculture: A Review of the USDA AFRI Program*. Washington, DC: National Academies Press, 2014. Co-authored with 15-member appointed research committee.

Pardey, P. G., J. M. Beddow, and S. T. Buccola. “Losing the Plot? Agricultural Research Policy and the 2014 Farm Bill.” *Choices*, Third Quarter 2014. Available on-line.

Buccola, S.T. “Agricultural Cooperatives.” In N. van Alfen, ed., *Encyclopedia of Agriculture and Food Systems*. Oxford: Elsevier, 2014.

- Yoo, C-K, S.T. Buccola, and M. Gopinath. "Cooperative Pricing and Scale Efficiency: The Case of Korean Rice Processing Complexes." *Agricultural Economics* 44 (September 2013): 309 – 321.
- Nag, S., H. Yang, S.T. Buccola, and D. Ervin. "Productivity and Financial Support in Academic Bioscience." *Applied Economics* 45 (Issue 19, 2013): 2817 – 2826.
- Rada, N., and S.T. Buccola. "Agricultural Policy and Productivity: Evidence from Brazilian Censuses." *Agricultural Economics* 43 (July 2012): 355 – 367.
- Buccola, S.T., C. Li, and J. Reimer. "Immigration-Control and Minimum-Wage Effects on Agricultural Labor Supply." *American Journal of Agricultural Economics* 94 (January 2012): 464 – 470.
- Rada, N., S.T. Buccola, and K. Fuglie. "Government Policy and Agricultural Productivity in Indonesia." *American Journal of Agricultural Economics* 93 (May 2011): 867 - 884.
- Gopinath, M., H. Min, and S.T. Buccola. "Technical Barriers to Interstate Trade: Noxious Weed Regulations." *Journal of Agricultural and Applied Economics* 42 (November 2010).
- Nag, S., H. Yang, S. Buccola, and D. Ervin. "What Drives Academic Bioscientists: Money or Values?" *CHOICES*, Vol. 25, 2<sup>nd</sup> Quarter, 2010. <http://www.choicesmagazine.org/magazine/block.php?block=48>
- Cross, R.M., S.T. Buccola, and E.A. Thomann. "Cooperative Liquidation Under Competitive Stress." *European Review of Agricultural Economics* 36 (September 2009): 369 – 393.
- Wang, C., Y. Xia, and S.T. Buccola. "Public Investment and Industry Incentives in Life Science Research." *American Journal of Agricultural Economics* 91 (May 2009): 374 - 388.
- Buccola, S.T., D. Ervin, and H. Yang. "Research Choice and Finance in University Bioscience." *Southern Economic Journal* 75 (April 2009): 1238 - 1255.
- Buccola, S.T., and R. Fare. "Reaggregation and Firm-Level Inference in Multi-Plant Technologies." *Journal of Economics* 95(3) (December 2008): 255 - 270.
- Buccola, S.T. "Three Approaches to Modeling a Productive Enterprise." *Journal of Productivity Analysis* 30:1 (August 2008): 53 - 57.
- Min, H., M. Gopinath, S.T. Buccola, and P.B. McEvoy. "Rent-Seeking and Invasive Species Regulation: The Case of Noxious Weeds." *Land Economics* 84 (May 2008): 306 – 326.
- Ruan, J., M. Gopinath, and S.T. Buccola. "Welfare Effects of Technological Convergence in Processed Food Industries." *American Journal of Agricultural Economics* 90 (May 2008): 447 - 462.

- Ruan, J., S.T. Buccola, and D. Pick. "USDA's Trade Adjustment Assistance for Farmers: The Raspberry Industry." *Agribusiness* 23 (Winter 2007): 101 – 115.
- Buccola, S.T. "The Organization of Economics." AAEA Presidential Address, *American Journal of Agricultural Economics* 88 (December 2006): 1123 – 1134.
- Fisher, M., G. Shively, and S. Buccola. "Activity Choice, Labor Allocation, and Forest Use in Malawi." *Land Economics* 81 (November 2005): 503 – 517.
- Xia, Y., and S.T. Buccola. "University Life Science Programs and Agricultural Biotechnology." *American Journal of Agricultural Economics* 87 (February 2005): 229 - 243.
- Cross, R., and S.T. Buccola. "Adapting Cooperative Structure to the New Global Environment." *American Journal of Agricultural Economics* 86 (December 2004): 1254 - 1261.
- Buccola, S.T., and Y. Xia. "The Rate of Progress in Agricultural Biotechnology." *Review of Agricultural Economics* 26 (Spring 2004): 3 - 18.
- Buccola, S.T. "Rationality, Awe, and the Demand for Biotechnology." *American Journal of Agricultural Economics* 85 (December 2003): 1105 - 1106.
- Xia, Y., and S.T. Buccola. "Factor Use and Productivity Change in the Alcoholic Beverage Industries." *Southern Economic Journal* 70 (July 2003): 93 - 109.
- Alpay, E., S.T. Buccola, and J. Kerkvliet. "Productivity Growth and Environmental Regulation in Mexican and U.S. Food Manufacturing." *American Journal of Agricultural Economics* 84 (November 2002): 887 - 901.
- Xia, Y., and S.T. Buccola. "Size, Cost, and Productivity in the Meat Processing Industries." *Agribusiness* 18 (Summer 2002): 283 - 299.
- Fleischer, A., and S.T. Buccola. "War, Terror, and the Tourism Market in Israel." *Applied Economics* 34 (July 2002): 1335 - 1343.
- Buccola, S., C. Durham, M. Gopinath, and E. Henderson. "Food Manufacturing Cooperatives' Overseas Business Portfolios." *Journal of Agricultural and Resource Economics* 26 (July 2001): 107 - 204.
- Boughanmi, H., and S.T. Buccola. "The Tunisia-EU Free Trade Area: A General Equilibrium Look at Probable Impacts in Tunisia." *Review of Economics, Agriculture, and the Environment (MEDIT)* (December 2000): 2 - 10.
- Buccola, S.T., Y. Fujii, and Y. Xia. "Size and Productivity in the U.S. Milling and Baking Industries." *American Journal of Agricultural Economics* 82 (November 2000): 865 - 880.



- Buccola, S.T. “Materials and Value-Adding Inputs in Manufacturing Enterprises.” *Journal of Productivity Analysis* 13 (May 2000): 227 - 243.
- Chan-Kang, C., S.T. Buccola, and J. Kerkvliet. “Investment and Productivity in Canadian and U.S. Food Manufacturing.” *Canadian Journal of Agricultural Economics* 47 (1999): 105 – 118.
- Buccola, S.T., and J.E. McCandlish. “Rent Seeking and Rent Dissipation in State Enterprises.” *Review of Agricultural Economics* 21 (Fall/Winter 1999): 358 – 373.
- Love, H.A., and S.T. Buccola. “Joint Risk Preference-Technology Estimation With a Primal System: Reply.” *American Journal of Agricultural Economics* 81 (February 1999): 245 - 247.
- Buccola, S.T., and L. VanderZanden. “Wine Demand, Price Strategy, and Tax Policy.” *Review of Agricultural Economics* (Fall/Winter 1997): 428 - 440.
- Buccola, S.T., and Y. Iizuka. “Hedonic Cost Models and the Pricing of Milk Components.” *American Journal of Agricultural Economics* 79 (May 1997): 452 - 462.
- Buccola, S.T., and J. Sil. “Productivity Measurement in the Agricultural Marketing Sector.” *American Journal of Agricultural Economics* 78 (December 1996): 1366 - 1371.
- Sil, J., and S.T. Buccola. “Efficiency of the Multiplant, Multiproduct Firm.” *American Journal of Agricultural Economics* 77 (November 1995): 1001 - 1011.
- Buccola, S.T., and G.S. Stokstad. “Cooperative Income Allocation in a Multi-Input, Multi-Output Setting.” *Journal of Economic Behavior and Organization* 23 (January 1994): 53 - 67.
- Buccola, S.T., and C. Sukume. “Social Welfare of Alternative Controlled-Price Policies.” *Review of Economics and Statistics* 75 (1993): 86 - 96.
- Love, H.A., and S.T. Buccola. “Joint Risk Preference-Technology Estimation with a Primal System.” *American Journal of Agricultural Economics* 73 (1991): 765 - 774.
- Buccola, S.T. “Entitlements and Distributive Equity in Cooperative Marketing Pools.” *Journal of Economic Behavior and Organization* 15 (1991): 257 - 278.
- Buccola, S.T., and C. Sukume, “Regulated-Price and Stock Policies: Interaction Effects and Welfare Preference.” *Journal of Development Economics* 35 (1991): 281 - 305.
- Buccola, S.T., J.C. Cornelius, and R.R. Meyersick. “Pool Payment Equity in Agricultural Marketing Cooperatives.” *Journal of Agricultural Cooperation* 4 (1989): 29 - 40.

- Buccola, S.T. "Pricing Efficiency in Agricultural Markets: Issues, Methods, and Results." *Western Journal of Agricultural Economics* 14 (July 1989): 111 - 21.
- Buccola, S.T. "Social Welfare and Interpersonal Utility Comparisons in Applied Policy Research." *American Journal of Agricultural Economics* 70 (May 1988): 454 - 58.
- Buccola, S.T., and C. Sukume. "Optimal Grain Pricing and Storage Policy in Controlled Agricultural Economies: Application to Zimbabwe." *World Development* 16 (March 1988): 361 - 71.
- Buccola, S.T., and V. L. Smith. "Uncertainty and Partial Adjustment in Double-Auction Markets." *Journal of Economic Behavior and Organization* 8 (1987): 587 - 601.
- Buccola, S.T., and B.A. McCarl. "Small-Sample Evaluation of Mean-Variance Production Function Estimators." *American Journal of Agricultural Economics* 68 (August 1986): 732 - 38.
- Buccola, S.T. "Testing for Nonnormality in Farm Net Returns." *American Journal of Agricultural Economics* 68 (May 1986): 334 - 43.
- Buccola, S.T. "Pricing Efficiency in Centralized and Noncentralized Markets." *American Journal of Agricultural Economics* 67 (August 1985): 583 - 90.
- Buccola, S.T., and A. Subaei. "Optimal Market Pools for Agricultural Cooperatives." *American Journal of Agricultural Economics* 67 (February 1985): 70 - 80.
- Buccola, S.T., and A. Subaei. "Mean-Gini Analysis, Stochastic Efficiency, and Weak Risk Aversion." *Australian Journal of Agricultural Economics* 28 (August/December 1984): 77 - 86.
- Buccola, S.T. "Pricing Efficiency and Information Use in Risky Markets." *American Journal of Agricultural Economics* 66 (December 1984): 711 - 716.
- Sandrey, R.A., S.T. Buccola, and W.G. Brown. "Pricing Policies for Antlerless Elk Hunting Permits." *Land Economics* 59 (November 1983): 432 - 43.
- Buccola, S.T. "Risk Preferences and Short-Run Pricing Efficiency." *American Journal of Agricultural Economics* 65 (August 1983): 587 - 91.
- Buccola, S.T. "Minimizing Mean Absolute Deviations to Exactly Solve Expected Utility Problems: Comment." *American Journal of Agricultural Economics* 64 (November 1982): 789 - 91.
- Buccola, S.T. "Portfolio Selection Under Exponential and Quadratic Utility." *Western Journal of Agricultural Economics* 7 (July 1982): 43 - 51.

- Baum, K., S.T. Buccola, and P. Fisher. "Implications of Feeder Pig Price Variability in Virginia Tele-Auction Markets." *Southern Journal of Agricultural Economics* 14 (July 1982): 97 - 103.
- Buccola, S.T. "Price Trends at Livestock Auctions." *American Journal of Agricultural Economics* 64 (February 1982): 63 - 69.
- Buccola, S.T. "Specification of Bernoullian Utility Function in Decision Analysis: Comment." *Agricultural Economics Research* 34 (January 1982): 19 - 21.
- Buccola, S.T., and A.M. Chieruzzi. "Costs of Marketing Slaughter Cattle: Computerized Versus Conventional Systems." *Agricultural Economics Research* 33 (July 1981): 31 - 35.
- Buccola, S.T. "The Supply and Demand of Marketing Contracts Under Risk." *American Journal of Agricultural Economics* 63 (August 1981): 503 - 09.
- Buccola, S.T., E. Bentley, and W.B. Jessee. "The Role of Market Price-Weight Relationships in Optimal Beef Cattle Backgrounding Programs." *Southern Journal of Agricultural Economics* 12 (July 1980): 65 - 72.
- Buccola, S.T. "An Approach to the Analysis of Feeder Cattle Price Differentials" *American Journal of Agricultural Economics* 62 (August 1980): 574 - 80.
- Orden, D., and S.T. Buccola. "An Evaluation of Cooperative Extension Small-Farm Programs in the Southern United States." *American Journal of Agricultural Economics* 62 (May 1980): 218 - 23.
- Edwards, P.K., D. Orden, and S.T. Buccola. "Evaluating the Impact of Federal Human Service Programs with Locally Differentiated Constituencies." *Journal of Applied Behavioral Science* 16 (February 1980): 13 - 27.
- Buccola, S.T., and L.M. Polishuk. "Cost Structures in Livestock Auction Markets: Average Versus Optimal Efficiency." *Journal of the Northeastern Agricultural Economics Council* 8 (October 1979): 211 - 19.
- Buccola, S.T., and B.C. French. "Long-Term Marketing Contracts: Intra-Firm Optima and Inter-Firm Agreement." *American Journal of Agricultural Economics* 61 (November 1979): 648 - 56.
- Buccola, S.T. and D.L. Jessee. "A U.S. Regional Model of Feeder Steer-Heifer Price Differentials." *Southern Journal of Agricultural Economics* 11 (July 1979): 61 - 65.
- Buccola, S.T., and M.C. Conner. "Least-Cost Milk Assembly and Manufacturing Plant Locations for the Northeastern Dairy Industry." *Journal of the Northeastern Agricultural Economics Council* 8 (April 1979): 6 - 12.

Buccola, S.T., and B.C. French. "Estimating Exponential Utility Functions." *Agricultural Economics Research* 30 (January 1978): 37 - 43.

Buccola, S.T., and B.C. French. "An E-V Analysis of Pricing Alternatives for Long-Term Marketing Contracts." *Southern Journal of Agricultural Economics* 9 (December 1977): 17 - 23.

### **Papers Delivered at Professional Meetings**

Qin, L., and S.T. Buccola. "Econometric Assessment of Research Programs: A Bayesian Approach." Selected Paper presented at the Agricultural and Applied Economics Association Annual Meetings, Seattle, WA, August 12 – 14, 2012.

Buccola, S.T., L. Qin, and R. Fare. "What Influences the Success of Aquacultural Research Projects?" Paper presented at the 9<sup>th</sup> Asian Fisheries and Aquaculture Forum and 9<sup>th</sup> International Symposium of Tilapia Aquaculture, Shanghai, China, April 22, 2011.

Rada, N., and S.T. Buccola. "Brazilian Agricultural Productivity and Policy." Poster presented at Agricultural and Applied Economics Association Annual Meetings, Pittsburg, PA, July 24 – 26, 2011.

Buccola, S.T., C. Li, and J. Reimer. "Immigration-Control and Minimum-Wage Effects on Agricultural Labor Supply and Demand: A Simultaneous Analysis." Invited paper presented at the Agricultural and Applied Economics Association Annual Meetings, Pittsburgh, PA, July 24 – 26, 2011.

Bitsch, V., and S.T. Buccola. "Labor and Technology Change in the Nursery Industry." Selected Poster presented at the Agricultural and Applied Economics Association Annual Meetings, Denver, July 25 - 27, 2010.

Li, C., S.T. Buccola, and J. Reimer. "Immigration and the Nursery Labor Market." Selected Poster presented at the Agricultural and Applied Economics Association Annual Meetings, Denver, July 25 - 27, 2010.

Rada, N. E., S.T. Buccola, and K. Fuglie. "Uncovering Productivity Growth in the Disaggregate: Indonesia's Dueling Agricultural Sub-Sectors." Selected Paper presented at the Agricultural and Applied Economics Association Annual Meetings, Denver, July 25 – 27, 2010.

Rada, N., S. Buccola, and K. Fuglie. "Brazil's Rising Agricultural Productivity and World Competitiveness." Presented as a Selected Paper at the Agricultural and Applied Economics Association Annual Meetings, Milwaukee, WI., July 26 - 29, 2009.

Wang, C., Y. Xia, and S. T. Buccola. "Industry Investment and Public Research Policy in Life Sciences." Paper presented at the NC-1034 Conference, *Energy and Agriculture*:

*Emerging Policy and R&D Issues*, Washington, D.C., March 2008.

Ervin, D., et al. “Public Goods and University-Industry Relationships in Agricultural Biotechnology.” Presentation at The Second Decade of Crop Biotechnology: Opportunities and Challenges for the Food System. Westin City Center, Washington, D.C., January 17 – 18, 2008.

Xia Y., C. Wang, S. Buccola, R. Shoemaker, W. Folk, and W. Armbruster. “Public Investment Policy and Industry Incentives in Agricultural and Life Science Research.” Poster presented at the USDA NRI Project Director Conference, New Orleans, LA, November 2007.

Buccola, S.T., D. Ervin, and H. Yang. “Orientation, Funding Source, and Professional Norms in University Agricultural Biotechnology.” Presented at Third Meeting of the University-Industry Demonstration Partnership. GUIRR Program, The National Academies, Irvine, CA, July 24, 2007.

Buccola, S.T. “The Organization of Economics.” Presidential Address delivered at the American Agricultural Economics Association Annual Meetings, Long Beach, CA, July 23 – 26, 2006.

Min, H., M. Gopinath, and S. Buccola. “Rent-Seeking in Noxious Weed Regulations: Evidence from U.S. States.” Selected paper delivered at the American Agricultural Economics Association Annual Meetings, Long Beach, CA, July 23 – 26, 2006.

Wang, C., Y. Xia, and S. Buccola. “Public Investment Policy in Life-Science Research.” Selected paper delivered at the American Agricultural Economics Association Annual Meetings, Long Beach, CA, July 23 – 26, 2006.

Ruan, J., M. Gopinath, and S. Buccola. “Welfare Effects of Technological Convergence in the Food Industries.” Selected paper delivered at the American Agricultural Economics Association Annual Meetings, July 23 – 26, 2006.

Ervin, D., S.T. Buccola, and H. Yang. “Academic Research Finance and Choice in Agricultural Biotechnology.” Influence of Industry Support and Other Factors.” Plenary presentation at the International Consortium on Agricultural Biotechnology Research (ICABR), Tenth International Conference, June 29 – July 2, 2006.

Ervin, D., S. Buccola and H. Yang. “Research Finance and Choice in Agricultural Biotechnology: Influence of Industry Support, Professional Values, and Other Factors.” Presented at the conference, *Agricultural Biotechnology Research for Public and Private Goods: Roles of University-Industry Relationships*. GUIRR Program, The National Academies, Washington, DC, 1 May 2006.

Xia, Y., C. Wang, S. Buccola, R. Shoemaker, W. Folk, and W. Armbruster. “Public Investment Policy and Industry Incentives in Agricultural and Life Science Research.” Poster

- presented at the USDA NRI Project Director Conference, Washington, D.C., June 2006.
- Yang, H., S.T. Buccola, and D. Ervin. "Science and Commerce: University-Industry Relations in Biotechnology." Presentation delivered in an organized symposium at the American Agricultural Economics Association Annual Meetings, Providence, R.I., July 24 – 27, 2005.
- Buccola, S.T. "Alternative Productivity Modeling: Reflections on Onofri-Fulginiti, Fare-Grosskopf-Margaritas, and Paris." Presentation delivered at the Ninth European Workshop in Efficiency and Productivity Analysis, Brussels, June 29 – July 2, 2005.
- Yang, H., S.T. Buccola, D. Ervin, K. Kim, and E. Minor. "University-Industry Relationships and the Biotechnology Research Agenda." Presentation delivered at the Conference on Innovation and Dynamic Efficiency in Agricultural Biotechnology, Economic Research Service and CSREES, USDA, Washington, D.C., October 14 - 15, 2004.
- Buccola, S.T., J. Ruan, and D. Pick. "The U.S. Red Raspberry Industry and USDA's Trade Adjustment Assistance for Farmers." Seminar delivered in the Special Crops Branch, Markets and Trade Economics Division, Economic Research Service, USDA, Washington, D.C, October 15, 2004.
- Cross, R, and S.T. Buccola. "Adapting Cooperative Structure to the New Global Environment." Principal paper delivered at the American Agricultural Economics Association Annual Meetings, Denver, CO, August 1 - 4, 2004.
- Buccola, S.T., and R. Cross. "Contrasting Structures: Cooperative Advantage in Illiquid Markets." Presentation delivered at the Workshop on Agricultural and Food Cooperatives in Rural Development: Implications of Business Dynamics for Public Policy. ERS, USDA, Washington, DC., July 16 - 17, 2004.
- Buccola, S.T., and Y. Xia. "The Strength and Structure of Intellectual Bio-Property Markets." Paper delivered at the Symposium on Intellectual Property Protection for Agricultural Biotechnology," University of Illinois - Urbana Champaign, April 8 - 10, 2004.
- Ervin D., T. Lomax, S. Buccola, K. Kim, E. Minor, H. Yang, L. Glenna, E. Jaeger, D. Biscotti, W. Armbruster, K. Clancy, W. Lacy, R. Welsh, and Y. Xia. "University-Industry Relationships and the Public Good: Framing the Issues in Agricultural Biotechnology." Washington, DC: Pew Initiative in Food and Biotechnology, November 2003.
- Buccola, S.T. "Rationality, Awe, and the Demand for Biotechnology." Fellows' Panel Address delivered at the American Agricultural Economics Association Annual Meetings, Montreal, Quebec, July 27 - 30, 2003.
- Yang, H., and S.T. Buccola. "University-Industry Relationships and the Design of Biotechnology Research." Selected paper delivered at the American Agricultural Economics Association Annual Meetings, Montreal, Quebec, July 27 - 30, 2003.

- Cross, R., and S.T. Buccola. "Food Manufacturing Cooperatives Under Stress: Licit and Illicit Behavior." Symposium presentation delivered at the American Agricultural Economics Association Annual Meetings, Montreal, Quebec, July 27 - 30, 2003.
- Buccola, S.T. "University-Industry Relationships in Agricultural Biotechnology: Research Insights from Four Cases." Panelist, Rural Sociological Association Annual Meetings, Montreal, Quebec, July 27 - 30, 2003.
- Xia, Y., and S.T. Buccola. "The Rate of Progress in Agricultural Biotechnology." Paper delivered at Regional Research Conference NC 1003, New Brunswick, NJ, February 28 - March 1, 2003.
- Buccola, S.T., Y. Xia, and T. Lomax. "Information Pathways in Biotechnological Innovation: The Research Demand for Intellectual Property." Invited paper presented at the Western Agricultural Economics Association Annual Meetings, Long Beach, CA, July 28 - 31, 2002.
- Buccola, S.T. "Productivity Growth When Output is Risky." Paper delivered at the North American Productivity Workshop, Union College, NY, June 20 - 22, 2002.
- Fisher, M., G. Shively, and S.T. Buccola. "Activity Choice, Labor Allocation, and Forest Use in Malawi." Paper presented at the 2<sup>nd</sup> World Congress of Environmental and Resource Economists, Monterey, California, June 24 - 27, 2002.
- Xia, Y., and S.T. Buccola. "Are Basic Science and Biotechnology Complementary Activities?" Selected paper presented at the American Agricultural Economics Association Annual Meetings, Chicago, August 6 - 8, 2001.
- Xia, Y., and S.T. Buccola. "Technological Performance in Meat Processing and Implications for Policy." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Tampa, August 1, 2000.
- Chan-Kang, C., and S.T. Buccola. "R&D Investment and Productivity Growth in U.S. and Canadian Food Manufacturing." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Salt Lake City, August 2 - 5, 1998.
- Ahmed, R., and S.T. Buccola. Organizers: Agricultural Market Liberalization in Africa. Series of three mini-symposia presented at the International Association of Agricultural Economists triennial meetings, Sacramento, CA, August 10 - 16, 1997.
- Buccola, S.T. "Bureaucratic Decision-Making in Agricultural Marketing Boards (A Short Tour of Coffee Marketing Reform in Malawi)." Symposium paper presented at the International Association of Agricultural Economists triennial meetings, Sacramento, CA, August 10 - 16, 1997.

- Buccola, S.T. and L. VanderZanden. "The Demand for Wines: Variety and Region Effects." Selected paper presented at the Western Agricultural Economics Association Annual Meetings, Reno , NV, July 13 - 16, 1997.
- Buccola, S.T., and J. Sil. "Productivity Measurement in the Agricultural Marketing Sector." Principal paper presented at the American Agricultural Economics Association Annual Meetings, San Antonio, July 28 - 31, 1996.
- Buccola, S.T., and Y. Iizuka. "Producer Response to Milk Price Reform." Selected paper presented at the American Agricultural Economics Association Annual Meetings, San Antonio, July 28 - 31, 1996.
- Sil, J., and S.T. Buccola. "Efficiency of the Multi-Plant, Multi-Product Cooperative." Selected paper presented at the American Agricultural Economics Association Annual Meetings, San Diego, August 7-10, 1994.
- Buccola, S.T. "Allocating Cooperative Returns When Member Contributions are Commingled." Presented at the Symposium on the Cooperative Experience in Agriculture: International Comparisons, Ma'ale Hachamisha, Israel, April 12-16, 1992.
- Buccola, S.T. "Symposium Summary Lecture." Presented at the Symposium on the Cooperative Experience in Agriculture: International Comparisons, Ma'ale Hachamisha, Israel, April 12-16, 1992.
- Love, H.A., and S.T. Buccola. "Time Inconsistency and Rational Expectations Equilibrium in Public Stock Holding." Selected paper presented at the Western Agricultural Economics Association Annual Meetings, July 1991.
- Buccola, S.T. "Public Grain Inventories: Research Issues for Africa and Regulated-Price Environments." Presented at Workshop on Inventory Problems in Developing Countries, Lake Balaton, Hungary, September 20-23, 1989.
- Love, H.A., and S.T. Buccola, "Risk Aversion, Input Use, and Heteroskedastic Supply." Presented at S-232 Conference on Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk, Fort Myers, FL, April 1989.
- Buccola, S.T. "Pricing Efficiency in Agricultural Markets: Issues, Methods, and Results," Invited paper presented at Western Agricultural Economics Association Annual Meetings, Honolulu, July 1988.
- Cornelius, J., R. Meyersick, and S.T. Buccola. "Forecasting Net Returns of Processed Vegetables." Presented at NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, April 1988.



- Buccola, S.T. "Social Welfare and Interpersonal Utility Comparisons in Applied Policy Research." Invited Paper presented at Allied Social Sciences Association Annual Meetings, December 1987.
- Kandoole, B.F., B. Kaluwa, and S.T. Buccola. "Market Liberalization and Food Security in Malawi." Presented at the Third Annual Conference on Food Security Research in Southern Africa, Harare, Zimbabwe, November 3, 1987.
- Buccola, S.T., and C. Sukume. "Pricing and Storage Decisions in Government Grain Marketing Boards." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Michigan State University, August 2-5, 1987.
- Buccola, S.T. "Social Impacts of Maize Price and Storage Policy Adjustment in Zimbabwe." Presented at the Second Annual Conference on Food Security Research in Southern Africa, Harare, Zimbabwe, November 10, 1986.
- Buccola, S.T. "A Strategy for Research on Grain Pricing and Storage Policies in Southern Africa." Presented at the First Annual Conference on Food Security Research in Southern Africa, Harare, Zimbabwe, December 8, 1985.
- Buccola, S.T. "Pricing Efficiency and Information Use in Risky Markets." Invited paper presented at American Agricultural Economics Association Annual Meetings, Cornell University, August 1984.
- Buccola, S.T. "Optimal Market Pools and Cooperative Income Distribution Policy." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Purdue University, August 1, 1983.
- Fisher, P., K. Baum, and S.T. Buccola. "An Economic Analysis of Feeder Pig Price Formation in Virginia." Selected paper presented at the Southern Agricultural Economics Association Annual Meetings, Atlanta, February 2, 1981.
- Buccola, S.T. "Supply and Demand Considerations of Agribusiness Marketing Portfolios." Selected paper presented at the American Agricultural Economics Association Annual Meetings, University of Illinois, July 28-30, 1980.
- Fisher, P., K. Baum, and S.T. Buccola. "An Investigation of Feeder Pig Price Formation in Virginia." Presented at the Virginia Academy of Science Annual Meetings, Charlottesville, May 15, 1980.
- Orden, D., and S.T. Buccola. "An Evaluation of Southern Cooperative Extension Programs Aimed at Small and Part-Time Farmers." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Washington State University, July 29-August 1, 1979.

Buccola, S.T. and W.B. Jessee. "The Role of Market Price-Weight Relationships in Optimal Beef Cattle Management Models." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Washington State University, July 29 - August 1, 1979.

Buccola, S.T., and L.M. Polishuk. "Short Run and Long Run Cost Structures in Livestock Auction Markets: Average Versus Optimal Efficiency." Selected paper presented at the Northeastern Agricultural Economics Council Annual Meetings, University of Delaware, June 18-20, 1979.

Edwards, P.K., D. Orden, and S.T. Buccola. "Evaluating the Impact of Federal Human Service Programs with Locally Differentiated Constituencies." Presented at the Pacific Sociological Association Annual Meetings, Anaheim, California, April 4-6, 1979.

Buccola, S.T., and D.L. Jessee. "A U.S. Regional Model of Feeder Steer-Heifer Price Differentials." Selected paper presented at the Southern Agricultural Economics Association Annual Meetings, New Orleans, February 5-7, 1979.

Buccola, S.T. "Weight, Sex, and Feeder Cattle Price Differentials: A Theoretical and Empirical Analysis." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Virginia Polytechnic Institute and State University, August 7-9, 1978.

Buccola, S.T. "Procedures for Estimating Exponential Utility Functions." Selected paper presented at the American Agricultural Economics Association Annual Meetings, San Diego, California, August 1-3, 1977.

Buccola, S.T., and B.C. French. "Efficiency Analysis of Pricing Alternative for Long-Term Contracts." Selected paper presented at the American Agricultural Economics Association Annual Meetings, Pennsylvania State University, August 15-18, 1976.

### **Seminars Delivered to Professional Audiences other than at Professional Meetings**

Buccola, S.T. "How Will Agricultural Cooperatives Survive in Globalized Markets?" Keynote Speech delivered at the General Assembly of the International Cooperative Agricultural Organization, Cancun, Mexico, 16 November 2011.

Buccola, S.T. "Meeting the Competitive Challenge from Investor-Owned Firms." Keynote speech delivered at symposium of the 50<sup>th</sup> Anniversary of the Korean National Agricultural Cooperative Federation, Seoul, 6 September 2011.

Li, C., S.T. Buccola, and J. Reimer. "Labor Policy and Supply in the Oregon Nursery Industry." Paper presented at the conference on *Immigration Reform: Implications for Farmers, Farm Workers, and Communities*. May 27 – 28, 2010, Washington, DC. (Cooperative Agreement No. 58-3000-8-0076)

- Xia, Y., C. Wang, and S. T. Buccola. "Public Policy and Industry Investment in U.S. Life-Science Research." Seminar delivered at the School of Agricultural Economics and Rural Development, Renmin University, Beijing, China, June 2008.
- Xia, Y., C. Wang, and S. T. Buccola. "Public Policy and Industry Investment in U.S. Life-Science Research." Seminar delivered at the College of Economics and Management, China Agriculture University, Beijing, China, June 2008.
- Xia, Y., C. Wang, and S. T. Buccola. "Public Policy and Industry Investment in U.S. Life-Science Research." Seminar delivered at the Institute of Agricultural Economics, Chinese Academy of Agricultural Sciences, Beijing, China, June 2008.
- Xia, Y., C. Wang and S. T. Buccola. "Industry Investment and Public Research Policy in Life Sciences." Paper presented at the NC-1034 Conference, Energy and Agriculture: Emerging Policy and R&D Issues, Washington, D.C., March 2008.
- Buccola, S.T., D. Ervin, and H. Yang. "Academic Bioscience, Money Sources, and Professional Norms." Seminar delivered at the Department of Agricultural Economics, University of Missouri, Columbia, MO, January 22, 2008.
- Buccola, S.T. "Why 'Agricultural Economics' is Breaking Up." Seminar delivered at the Department of Agricultural and Applied Economics, University of Georgia, May 17, 2007.
- Buccola, S.T. "Why 'Agricultural Economics' is Breaking Up." Seminar delivered at the Department of Agricultural Economics, Michigan State University, May 15, 2007.
- Buccola, S.T. "Why 'Agricultural Economics' is Breaking Up." Seminar delivered at the Department of Agricultural Economics, Texas A&M University, October 15, 2006.
- Ervin, D., S.T. Buccola, and H. Yang. "Sources of Influence on University Agricultural Biotechnology Research." Seminar delivered in the Department of Economics, Portland State University, October 21, 2005.
- Buccola, S.T., and R. Cross. "Summary Remarks on the Future of Cooperatives in a Competitive World Economy." Panel discussant in the session, "The Future of Cooperatives in the Globalized World: Interdisciplinary Perspectives on New Challenges," American Anthropological Association Annual Meetings, Chicago, November 19 - 21, 2003.
- Buccola, S.T., and Y. Xia. "Science and Technology in Cutting-Edge Agricultural Biotechnology Research." Seminar delivered in the Department of Agricultural and Applied Economics, University of Wisconsin-Madison, November 8, 2002.

- Xia, Y., and S.T. Buccola. "Universities' Impacts on Agricultural Biotechnology Innovations." Seminar delivered at the China Center for Economic Research, Beijing University, China, September 8, 2000.
- Buccola, S.T., and Y. Xia. "Universities' Impacts on Agricultural Biotechnology Innovations." Seminar delivered at the Hebrew University of Jerusalem, Rehovot, Israel, March 19, 2000.
- Buccola, S.T., Y. Fujii, and Y. Xia. "Productivity Growth in the Grain and Meat Processing Industries." Seminar delivered in the Department of Agricultural Economics, University of Connecticut, November 3, 1999.
- Buccola, S.T., Y. Fujii, and Y. Xia. "The Structure of Technology in Grain Processing." Seminar delivered in the Department of Agricultural Economics, Pennsylvania State University, September 24, 1999.
- Buccola, S.T. "Market Liberalization and Rent-Seeking in Africa: A First-Hand Experience." Seminar delivered in the Department of Agricultural Economics, Michigan State University, October 24, 1996.
- Buccola, S.T. "Hedonic Cost Models and the Pricing of Milk Components." Seminar delivered in the Department of Agricultural and Resource Economics, Oregon State University, February 26, 1996.
- Buccola, S.T. "Hedonic Cost Models and the Pricing of Milk Components." Seminar delivered in the Department of Agricultural Economics, University of Nevada, Reno, December 4, 1995.
- Buccola, S.T. "Raw Material Pricing When There are Multiple Products." Seminar delivered in the Department of Agricultural Economics, University of California, Davis, March 1995.
- Buccola, S.T., and J. Sil. "Efficiency of the Multiplant, Multiproduct Firm." Seminar delivered in the Department of Agricultural Economics, Texas A & M University, January 1994.
- Buccola, S.T. "The *American Journal of Agricultural Economics*: What Should We Write and What Should We Publish?" Seminar delivered in the Department of Agricultural and Resource Economics, North Carolina State University, January 1993.
- Buccola, S.T. "The *American Journal of Agricultural Economics*: What Should We Write and What Should We Publish?" Seminar delivered in the Department of Agricultural Economics, Cornell University, January 1993.
- Buccola, S.T. "The *American Journal of Agricultural Economics*: What Should We Write and What Should We Publish?" Seminar delivered in the Department of Agricultural Economics, Michigan State University, November 1992.

Buccola, S.T. “The *American Journal of Agricultural Economics*: What Should We Write and What Should We Publish?” Seminar delivered in the Department of Agricultural Economics, Kansas State University, March 1991.

Buccola, S.T. “Topics in Applied Econometrics.” Series of eight seminars presented to faculty members in Department of Agricultural Economics and Extension, University of Zimbabwe, July-August 1986.

### **Talks Delivered to Lay Audiences**

Buccola, S.T. “William Kamkwamba’s *Harnessing the Wind*.” Lunchtime oral book review, Random Reviews series, Corvallis Public Library, 9 February 2011.

Buccola, S.T. “A Food Cooperative’s Financial Challenges When Investor-Owned Competitors Appear.” Talk delivered to the Board of Directors of *First Alternative Cooperative*, Corvallis, OR, October 12, 2010.

Buccola, S.T. “Preparing for Uncertainty in your Career.” Address to the Student Body upon receipt of the Mel Anderson Alumni Award for Excellence in Academics, La Salle High School, Pasadena, CA, January 25, 2008.

Buccola, S.T., and Y. Fujii. “Should a Wheat Grower Focus on Marketing or Production?” First Annual Wheat Policy Lecture, Oregon Wheat Growers League Annual Convention, Portland, OR, December 1, 1998.

Buccola, S.T. “The Value of Pacific Coast Wines: Regional and Varietal Competition.” Talk delivered to the Oregon Society of Farm Managers and Rural Appraisers, McMinnville, OR, October 22, 1998.

Buccola, S.T. “History and Culture of Malawi.” Talk delivered to 10<sup>th</sup> Grade Honors Social Science Class, Crescent Valley High School, Corvallis, OR, December 12, 1997.

Buccola, S.T. “The Passion of Kierkegaard: Taking Abraham and Aristotle Seriously.” Third Annual Brother Robert Smith Lecture, Saint Mary’s of College of California, 4 October 1997.

Buccola, S.T., and L. VanderZanden. “Oregon Consumer Demand for Oregon, California, and Washington Wines.” Paper delivered at Oregon State University Wine Grape Research Day, Eugene, February 27, 1997.

Buccola, S.T. “History and Culture of Southern Africa.” Talk delivered to 10<sup>th</sup> Grade Honors Social Science Class, Crescent Valley High School, Corvallis, OR, October 18, 1996.

Buccola, S.T. Grape Marketing Seminar participant, Oregon Winegrowers' Association Annual Meeting, Eugene, Oregon, February 11, 1996.

Buccola, S.T. "Tradeoffs in the Pursuit of Food Security in Less Developed Countries." Presented to Master's students in Food Science, University of Zimbabwe, August 10, 1985.

Buccola, S.T. "Methods for Estimating Yield Variance in Experimental Trials." Presented to the Departments of Crop Science and Animal Science, University of Zimbabwe, May 8, 1985.

Buccola, S.T. "Performance of Alternative Pooling Plans in a Diversified Agricultural Marketing Cooperative: Presented to Margin Committee, Board of Directors, Agripac, Inc., Salem, OR, May 24, 1984.

Buccola, S.T., and P.K. Edwards. "Implications of an Evaluation of Cooperative Extension Small-Farm Programs in the South." Presented to the Rural Development Division, Agency for International Development, Department of State, Washington, DC, March 14, 1980.

Conner, M.C., and S.T. Buccola. "Results of a Study on Optimal Milk Assembly and Milk Manufacturing in the Northeast." Presented to the Coordinating Committee, Northeastern Dairy Marketing Cooperatives, Albany, NY, May 11, 1979.

Buccola, S.T. "Virginia's Livestock Auction Industry: Operating Efficiency and Returns." Presented to the Virginia Livestock Markets Association, 1979 Virginia Beef Industry Convention, Roanoke, February 2, 1979.

Buccola, S.T. "The Role of Marketing Contracts in Reducing Entrepreneurial Risk." Presented to undergraduates in the Department of Marketing, Massey University, New Zealand, March 1978.

### **Book Chapters and Proceedings**

Buccola, S.T., and J.E. McCandlish. "Rent Seeking and Rent Dissipation in State Enterprises." Reprinted in *Forty Years of Research on Rent Seeking*, eds. R.D. Congleton, A.L. Hillman, and K.A. Konrad. Berlin: Springer-Verlag, 2008, pp. 593 – 608.

Buccola, S.T., and Y. Xia. "The Strength and Structure of Intellectual Bio-Property Markets." In J. Kesan, ed., *Agricultural Biotechnology and Intellectual Property: Seeds of Change*, pp. 204 – 215. Oxfordshire, UK: CAB International, 2007.

Fleischer, A., and S.T. Buccola. "War, Terror, and the Tourism Market in Israel." In *Tourism, Security, and Safety: From Theory to Practice*, Y. Mansfeld and A. Pizam, eds., Burlington, MA: Butterworth, Heinemann (Elsevier), 2005. (Reprinted from *Applied*

*Economics* 34 (July 2002): 1335 - 1343.)

- Buccola, S. T. "Potential Roles for Marketing and Bargaining Cooperatives in the Pollock Fishery." *IIFET 2000: Microbehavior and Macroresults. Proceedings of a Conference, International Institute of Fisheries Economics and Trade*, Oregon State University, 2000.
- Buccola, S. T. "Agricultural and Resource Economics in Rural America," in *Encyclopedia of Rural America*, ed. G. A. Goreham. Santa Barbara: ABC-CLIO Publishers, 1997.
- Buccola, S. T. "Cooperatives," in the *Encyclopedia of Agricultural Science*, ed. C.J. Arntzen. San Diego: Academic Press (Harcourt, Brace, Jovanovich), October 1994.
- Love, H.A., and S.T. Buccola. "Optimization Analysis of Public Food Stocks," in *Food Security and Food Inventories in Developing Countries*, eds. P. Berck and D. Bigman, Wallingford, UK: CAB International, 1993.
- Buccola, S.T., and G.S. Stokstad. "Cooperative Income Allocation in the Presence of Multiple Products." in C. Csaki and Y. Kislev (editors), *Agricultural Cooperatives in Transition*, Boulder, CO: Westview Press, 1993.
- Love, H.A., and S.T. Buccola. "Risk Aversion, Input Use, and Heteroskedastic Supply." *Proceedings of the S-232 Conference on Quantifying Long Run Agricultural Risks and Evaluating Farmer Responses to Risk*, April 1989.
- Cornelius, J., R. Meyersick, and S.T. Buccola. "Forecasting Net Returns of Processed Vegetables." *Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis and Forecasting, and Market Risk Management*, April 1988; 202-212.
- Buccola, S. T. "Characterizing Probability Distributions for Farm Prices, Yields, and Net Returns." *Proceedings of the Conference on Applied Commodity Price Analysis and Forecasting*, NCR-134, April 26-27, 1984.
- Buccola, S.T. "Characterizing Probability Distributions of Farm Prices, Yields, and Net Returns." *Proceedings of the NCR-134 Conference on Applied Commodity Price Analysis and Forecasting*, April 1984, pp. 112-34.
- Buccola, S.T. "Pooling Net Returns in Horticultural Marketing Cooperatives." *Proceedings of the 98th Annual Meeting of the Oregon Horticultural Society*, January 1-February 2, 1984, pp. 237-8.
- Buccola, S.T. *A Marketing Research Plan for the Michigan State University Eastern ORD Project, Upper Volta*. AID/afr-C-1314, Project No. 686-11-110-201, Integrated Rural Development, Upper Volta (West Africa), July 1979, 48 pages.

Buccola, S.T., and J.M. McCandlish. *The Coffee Industry in Northern Malawi: Report and Recommendations to the Farmers Marketing Board*. Mzuzu, Malawi (Central Africa), January 1969, 27 pages.

### **Book Reviews**

Buccola, S.T. Review of *Genetically Modified Organisms in Agriculture: Economics and Politics*, by Gerald C. Nelson. (San Diego: Academic Press, 2001, 344 pp.) *American Journal of Agricultural Economics* (November 2002): 1177 - 1178.

Buccola, S.T. Review of *Foodgrain Price Stabilization in Developing Countries: Issues and Experiences in Asia*, by N. Islam and S. Thomas (Washington, DC: Food Policy Research Institute, Food Policy Review No. 3, 1996, viii + 136 pp.) *American Journal of Agricultural Economics* 79 (February 1997): 278 - 279.

Buccola, S.T. Review of *Introduction to Agricultural Marketing*, by R.E. Branson and D.G. Norvell (New York: McGraw-Hill, 1983, xx + 521 pp.). *American Journal of Agricultural Economics* 65 (December 1983): 837 - 38.

### **Publications for Lay Audiences**

Buccola, S.T. "Host Country Investigators Meet for the Impact Assessment Project Meeting in Seattle." *AquaNews*, Fall 2010.

Buccola, S., and M. Gopinath. "Demand, Supply, and Trade: National and Northwest Raspberries, Blueberries, Strawberries, Sweet Corn, and Snap Beans," Agricultural Marketing Resource Center, University of California-Agricultural Issues Center, 2004. <http://www.agmrc.org/fruits/info/berriesbeans04.pdf> (electronic publication).

Xia, Y., S.T. Buccola, and R. Fare. "Bioscience and Biotechnology." *CHOICES*, "Graphically Speaking," 3<sup>rd</sup> Quarter, 2002.

Lyon, C., C. Durham, C., and S. Buccola. "The Big Apple: New Products, Added Plant Capacity Play Major Role in Tree Top's Sales Strategy." *Rural Cooperatives* 69 (2), 8 - 14, March/April 2002 (Rural Business-Cooperatives Service, USDA, Washington, D.C.).

Buccola, S.T., and Y. Fujii. "Should a Wheat Grower Focus on Marketing or Production?" First Annual Wheat Policy Lecture, Oregon Wheat Growers League, photocopy, December 1998.

Buccola, S.T., and J. Sil. "Can Vegetable Processors Respond to Changing Labor and Energy Situations?" *Oregon Farmer-Stockman*, November 1991.



- Buccola, S.T., and J.C. Cornelius. "Cooperative Marketing Pools: Grower Payment Formulae are Flexible and Important." *Oregon Farmer-Stockman*, August 1988, P. 10. (Also published in *Farmer Cooperatives* (ACS, USDA, March 1989, pp. 7-9) under the title "Flexible Grower Payment Formulae Important for Co-op Marketing Pools" by S. T. Buccola and J. C. Cornelius.
- Buccola, S.T., and A. Subaei. *Design and Selection of Cooperative Market Pools*. Oregon Agricultural Experiment Station Bulletin No. 660, 18 pages, September 1983.
- Buccola, S.T. *Pooling Practices in Fruit, Vegetable, and Nut Processing Cooperatives*. Oregon Agricultural Experiment Station Bulletin No. 657, 29 pages, October 1982.
- Buccola, S.T., and B.C. French. *Portfolio Analysis of Contracting Strategies for Farmer Marketing Cooperatives*. Oregon Agricultural Experiment Station Bulletin No. 655, 29 pages, December 1981.
- Chieruzzi, A.M., and S.T. Buccola. *The Costs of Marketing Slaughter Cattle by Computerized and Conventional Auction Systems*. Agricultural Experiment Station Bulletin No. 81-1, Virginia Polytechnic Institute and State University, 60 pages, June 1981.
- Buccola, S.T., and F.M. Carmichael. *Feeder Cattle Price Differentials: An Analysis by Animal Characteristic*. Research Division Bulletin No. 158, Virginia Polytechnic Institute and State University, 53 pages, September 1980.
- Orden, D., S.T. Buccola, and P.K. Edwards. *Cooperative Extension Small-Farm Programs in the South: An Inventory and Evaluation*. Research Division Bulletin No. 153, Virginia Polytechnic Institute and State University, 86 pages, April 1980.
- Buccola, S.T. *Market Contracting for Producers and Processors of Fruits and Vegetables* Extension Report MB 283, Department of Agricultural Economics, Virginia Polytechnic Institute and State University, 10 pages, April 1980.
- Orden, D., and S.T. Buccola. *Cooperative Extension Service: Helping Small-Farm Operators in the South*. Extension Division Publication 851, Virginia Polytechnic Institute and State University, 20 pages, January 1980.
- Buccola, S.T., and L.M. Polishuk. *The Livestock Auction Industry in Virginia: Facilities, Operating Efficiency, and Returns*. Agricultural Economics Research Report A.E. 324, Virginia Polytechnic Institute and State University, 56 pages, December 1979.
- Jessee, W.B., and S.T. Buccola. *A Profit-Maximum Management Model for Beef Cattle Backgrounding and Grazing Operations*. Research Division Bulletin No. 156, Virginia Polytechnic Institute and State University, 71 pages, December 1979.
- Buccola, S.T. "A Look at Price Differences Between Feeder Steers and Heifers." *Virginia Cattleman* 1 (September 1979): p. 25 and p. 22.

- Buccola, S.T., and M.C. Conner. *Potential Efficiencies Through Coordination of Milk Assembly and Milk Manufacturing Plant Location in the Northeastern United States*. Research Division Bulletin No. 149, Virginia Polytechnic Institute and State University, 64 pages, June 1979.
- Buccola, S.T., and J.C. Richardson. *A Quarterly Model of Import Demand for North American Flue-Cured Tobacco*. Research Division Bulletin No. 147, Virginia Polytechnic Institute and State University, 56 pages, June 1979.
- Buccola, S.T., and M.C. Conner. "Research Studies Look at Least-Cost Milk Assembly and Manufacturing Locations." *Virginia Dairyman* (January 1979): 22-23.
- Buccola, S.T., and B.C. French. *Long-Term Contracting Strategies for Agricultural Processing Firms with Particular Reference to Farmer Cooperatives*. Giannini Foundation Research Report No. 328, University of California, 177 pages, December 1978.
- Jessee, D.L., and S.T. Buccola. *A Regional Analysis of Price Differentials Between Feeder Steers and Heifers*. Research Division Bulletin No. 140, Virginia Polytechnic Institute and State University, 73 pages, December 1978.
- Polishuk, L.M., and S.T. Buccola. *Operating Costs at Virginia Livestock Auction Markets: Statistical and Synthetic Analyses*. Research Division Bulletin No. 138, Virginia Polytechnic Institute and State University, 67 pages, December 1978.
- Buccola, S.T. "The Cattle Cycle and Feeder Cattle Price Differentials" *Virginia Agricultural Economics* 293 (August 1978): 1-2.
- Silverman, M.M., C.W. Coale, Jr., S.T. Buccola, J. Havlicek, Jr., B.F. Long, J.S. Williams, and P.S. Cooper. *Feasibility Study of a Seafood Industrial Port for Virginia*. Agricultural Economics Research Report A.E. 32, Virginia Polytechnic Institute and State University, 142 pages, November 1977.