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- Education:** Ph.D., University of California, Davis. Agricultural Economics. 1989.
B.S., University of California, Davis. Agricultural Economics. 1987.
- Areas of Research:** Bayesian Econometrics, Productivity/Efficiency Measurement, Agricultural Marketing, Quantitative Policy Analysis, Health Economics and Policy.
- Positions:** Interim Department Head, Agricultural and Applied Economics, University of Georgia. Dec. 2006 – May 2008.
- Professor (1998-present), Associate Professor (1993-1998), Assistant Professor (1989-1993) of Agricultural and Applied Economics, University of Georgia.
- Adjunct Professor of Pharmacy, University of Georgia, 1999 - present.
- Acting Assistant Director of the Georgia Agricultural Experiment Stations, University of Georgia. March 1998 - August 1998.
- Coordinator, Center for Agribusiness and Economic Development, University of Georgia. July 1997 - December 1999.
- Honors and Awards:** Southern Agricultural Economics Association Distinguished Teaching of a Course Award, 2004.
- D.W. Brooks Distinguished Teaching Award (college wide), 2004.
- ESCOP/ACOP Leadership Development Program, 1996-1997.
- Gamma Sigma Delta Junior Faculty Award of Merit (Research), 1995.
- Departmental “Outstanding Undergraduate Teacher,” 1998, 2001, 2003, 2006.
- Departmental “Outstanding Graduate Faculty Teacher,” 1991 and 1992.
- Advisor, William Yen, AAEA Outstanding M.S. Thesis Award, Honorable Mention, 1995.
- Valedictorian, University of California, Davis, 1987.

Publications in Economics and Agricultural Economics

Dorfman, J. H. B. J. Barnett, J. C. Bergstrom, and B. Lavigno. "Searching for Farmland Preservation Markets: Evidence from the Southeastern U.S." Land Use Policy 26 (Jan. 2009) 121-129.

Atkinson, S. E. and J. H. Dorfman. "Feasible Estimation of Firm-Specific Allocative Inefficiency through Bayesian Numerical Methods," Journal of Applied Econometrics (2008) forthcoming.

Dorfman, J. H. "Can Land Use Economists Help Planners?" Review of Agricultural Economics 29:3 (Fall 2007) 403-404.

Dorfman, J. H., and D. R. Sanders. "Generalized Hedge Ratio Estimation with an Unknown Model," Review of Futures Markets 15:2 (Fall 2006) 167-188.

Truesdell, Marie K., John Bergstrom and Jeffrey H. Dorfman. "Regulatory Takings and the Diminution of Value: An Empirical Analysis of Takings and Givings," Journal of Agricultural and Applied Economics 38:3 (Dec. 2006) 585-595.

Atkinson, S. E. and J. H. Dorfman. "Multiple Comparisons with the Best: Bayesian Precision Measures of Efficiency Ranking," Journal of Productivity Analysis 23 (2005) 359-382.

Dorfman, J. H., and G. M. Koop. "Current Developments in Productivity and Efficiency Measurement," Journal of Econometrics 126:2 (June 2005) 233-240.

Atkinson, S. E. and J. H. Dorfman. "Bayesian Measurement of Productivity and Efficiency in the Presence of Undesirable Outputs: Crediting Electric Utilities for Reducing Air Pollution." Journal of Econometrics 126:2 (June 2005) 445-468.

Bergstrom, J. C., J. H. Dorfman, and J. L. Loomis. "Responsiveness of Coastal Recreational Fishing to Catch Success," Coastal Management 32 (2004) 417-432.

Shaikh M. R., J. H. Dorfman, and S. C. Turner, "A Bayesian Approach to Optimal Cross-Hedging of Cottonseed Products Using Soybean Complex Futures," Journal of Agricultural and Resource Economics 29:2 (Aug. 2004) 260-275.

Wang, X., J. H. Dorfman, J. McKissick, and S. C. Turner. "Optimal Marketing Decisions for Feeder Cattle." Journal of Agricultural and Applied Economics 33:3 (2001) 431-443.

Holloway, G., J. H. Dorfman, and S. Ehui. "Tobit Estimation with Unknown Point of Censoring: An Application to Milk Market Participation in the Ethiopian Highlands," Canadian Journal of Agricultural Economics 49 (Nov. 2001) 293-311.

Dorfman, J. H., and C. S. McIntosh. "Imposing Inequality Restrictions: Efficiency Gains from Economic Theory." Economics Letters 71:2 (April 2001) 205-209.

Dorfman, J. H. "Looking for Government's Role as an Agricultural Safety Net," Journal of Agribusiness 18 (2000) 105-114.

Park, T., J. H. Dorfman, and J. E. Epperson. "A Multicountry Endogenous Tariff Model with Differentiated Products: The North American Onion Trade," Journal of International Food & Agribusiness Marketing 11 (2000) 63-82.

- Oljaca, N., A. G. Keeler, and J. H. Dorfman. "Penalty Functions for Environmental Violations: Evidence from Georgia," Journal of Regulatory Economics 14 (1998) 255-264.
- Dorfman, J. H., "Bayesian Composite Qualitative Forecasting: Hog Prices Again," American Journal of Agricultural Economics 80:3 (August 1998) 543-551.
- Dorfman, J. H., and C. S. McIntosh. "Economic Criteria for Evaluating Commodity Price Forecasts." Journal of Agricultural & Applied Economics 29:2 (Dec. 1997) 337-345.
- Li, D. T., and J. H. Dorfman. "Predicting Turning Points Through the Integration of Multiple Models." Journal of Business & Economic Statistics 14:4 (Oct. 1996) 421-428.
- Dorfman, J. H. "Modeling Multiple Adoption Decisions in a Joint Framework." American Journal of Agricultural Economics 78:3 (August 1996) 547-557.
- Dorfman, J. H., and W. D. Lastrapes. "The Dynamic Responses of Crop and Livestock Prices to Money Supply Shocks: A Bayesian Analysis Using Long-Run Identifying Restrictions." American Journal of Agricultural Economics 78:3 (August 1996) 530-541.
- Dorfman, J. H., A. G. Keeler, and W. A. Kriesel. "Valuing Risk-Reducing Interventions with Hedonic Models: The Case of Erosion Protection." Journal of Agricultural & Resource Economics 21:1 (July 1996) 109-119.
- Dorfman, J. H. "Pseudo-Random Sampling Has a Real Effect on Test Size." The American Statistician 50:2 (May 1996) 151-155.
- Li, D. T., and J. H. Dorfman. "A Robust Approach to Predicting Fluctuations in State-level Employment Growth." Journal of Regional Science 35:3 (Aug. 1995) 471-484.
- Dorfman, J. H. "A Numerical Bayesian Test for Cointegration of AR Processes." Journal of Econometrics 66:1/2 (March/April 1995) 289-324.
- Dorfman, J. H., and A. Havenner, "Model Specification Tests for Balanced Representation State Space Models." Communications in Statistics: Theory & Methods 24:1 (1995) 97-119.
- Myneni, G., J. H. Dorfman, and G. C. W. Ames. "Welfare Impacts of the Canada-U.S. Softwood Lumber Dispute: Beggar Thy Consumer Trade Policy." Canadian Journal of Agricultural Economics 42 (Nov. 1994) 261-271.
- Bergstrom, J. C. and J. H. Dorfman. "A Test of the Effects of Information on Willingness-to-pay for Groundwater Quality Protection." Review of Agricultural Economics 16:3 (Sept. 1994) 413-425.
- Gonzalez-Alcorta, M., J. H. Dorfman, and G. M. Pesti. "Profit-Maximization in Broiler Production as Prices Change: A Simple Approximation with Practical Value," Agribusiness: An International Journal 10:5 (1994) 389-399.
- Dorfman, J. H. "Bayesian Efficiency Tests for Commodity Futures Markets," American Journal of Agricultural Economics 75:5 (Dec. 1993) 68-75.
- Dorfman, J. H. "Should Normality be a Normal Assumption?" Economics Letters 42:2/3 (1993) 143-147.

- Dorfman, J. H. "Investment, Confidence, and Linear-Exponential-Gaussian Control," Journal of Economic Dynamics and Control 17:5/6 (Sept./Nov. 1993) 785-803.
- Sun, H., J. C. Bergstrom, and J. H. Dorfman. "Estimating the Benefits of Groundwater Pollution Control," Southern Journal of Agricultural Economics 24:2 (Dec. 1992) 63-71.
- Dorfman, J. H., and A. M. Havenner. "A Bayesian Approach to State Space Multivariate Time Series Modeling," Journal of Econometrics 52:3 (June 1992) 315-346.
- Kraybill, D. S., and J. H. Dorfman. "A Dynamic Intersectoral Model of Regional Economic Growth," Journal of Regional Science 32:1 (Feb. 1992) 1-17.
- McIntosh, C. S., and J. H. Dorfman. "Qualitative Forecast Evaluation: A Test for Information Value," American Journal of Agricultural Economics 74:1 (Feb. 1992) 209-214.
- Dorfman, J. H., and K. A. Foster. "Estimating Productivity Changes with Flexible Coefficients," Western Journal of Agricultural Economics 16:2 (Dec. 1991) 280-290.
- Dorfman, J. H., and C. S. McIntosh. "Results of a Price Forecasting Competition: Reply," American Journal of Agricultural Economics 73:4 (Nov. 1991) 1277-1278.
- Dorfman, J. H., and A. Havenner. "State Space Modeling of Cyclical Supply, Seasonal Demand, and Agricultural Inventories," American Journal of Agricultural Economics 73:3 (Aug. 1991) 829-840.
- Bohman, M., C. Carter, and J. H. Dorfman. "The Welfare Effects of Targeted Export Subsidies: A General Equilibrium Approach," American Journal of Agricultural Economics 73:3 (Aug. 1991) 693-702.
- Dorfman, J. H. "Comment: A Model Specification Test for State Space Models," Econometric Reviews 10:1 (1991) 67-73.
- Dorfman, J. H., C. L. Kling, and R. J. Sexton. "Confidence Intervals for Elasticities and Flexibilities: Re-Evaluating the Ratio of Normals Case," American Journal of Agricultural Economics 72:4 (Nov. 1990) 1006-1017.
- Dorfman, J. H., and C. S. McIntosh. "Results of a Price Forecasting Competition," American Journal of Agricultural Economics 72:3 (Aug. 1990) 804-808.
- McIntosh, C. S., and J. H. Dorfman. "A Price Forecasting Competition: Introduction," American Journal of Agricultural Economics 72:3 (Aug. 1990) 786-787.
- Turner, S. C., J. H. Dorfman, and S. M. Fletcher. "Target Markets for Retail Outlets of Landscape Plants," Southern Journal of Agricultural Economics 22:1 (July 1990) 177-183.
- Dorfman, J. H., and D. Heien. "The Effects of Uncertainty and Adjustment Costs on Investment in the Almond Industry," Review of Economics and Statistics 71:2 (May 1989) 263-274.

Interdisciplinary Publications:

- Chen, Hua, William K. Kennedy, Jeffrey H. Dorfman, Jack E. Fincham, Jaxk Reeves, and Bradley C. Martin. "The effect of adjunctive mood stabilizers on antipsychotic utilization pattern and health resource utilization for Medicaid enrollees with schizophrenia," Current Medical Research and Opinion 23:6 (2007) 1351-1365.
- Hua Chen, Jaxk Reeves, Jack E. Fincham, William K. Kennedy, Jeffrey H. Dorfman, and Bradley C. Martin. "Off-Label Use of Antidepressant, Anticonvulsant, and Antipsychotic Medications Among Georgia Medicaid Enrollees in 2001," Journal of Clinical Psychiatry 67:6 (June 2006) 972-982.
- Dorfman, J. H. "The Economics of Smart Growth: Dollars and Sense for Local Governments," Southern Perspectives 7:1 (Winter 2004) 6-7.
- Ganguly, R., B. C. Martin, J. H. Dorfman, and J. A. Rizzo. "In Search of an Unbiased Estimate of Treatment Effect using Observational Data: a Comparison of Propensity Scoring and Heckman Two Stage Sample Selection Models," ISPOR Connections 10:2 (April 2004) 1-5.
- Battle, Y. L., B. C. Martin, J. H. Dorfman, and L. S. Miller. "Seasonality and Infectious Disease in Schizophrenia: The Birth Hypothesis Revisited." Journal of Psychiatric Research 33 (1999) 501-509.
- Martin, B. C., J. H. Dorfman, J. A. McMillan, and C. A. Jankel. "Prevalence of Migraine Headache and Association with Sex, Age, Race, and Rural/Urban Residence: A Population Based Study of Georgia Medicaid Recipients." Clinical Therapeutics-The International Journal of Drug Therapy 16:5 (Sept./Oct. 1994) 855-872.
- Broder, J. M., and J. H. Dorfman. "Determinants of Teaching Quality: What's Important to Students," Research in Higher Education 35:2 (April 1994) 235-249.
- Kirby, S.R., G.M. Pesti, and J.H. Dorfman. "An Investigation of the Distribution of the Protein Content of Samples of Corn, Meat and Bone Meal, and Soybean Meal," Poultry Science 72 (1993) 2294-2298.
- Dorfman, J. H., G. M. Pesti, and D. L. Fletcher. "Searching for Significance: The Perils of Excluding Pseudo-Outliers," Poultry Science 72 (Dec. 1992) 37-43.
- Pesti, G. M., J. H. Dorfman, and M. J. Gonzalez-A. "Model for Predicting Egg Output and Metabolisable Energy Intake of Laying Pullets," British Poultry Science 33 (July 1992) 543-552.
- Pesti, G. M., J. H. Dorfman, and M. J. Gonzalez-A. "Comparison of Equations for Predicting Metabolisable Energy Intake of Laying Pullets," British Poultry Science 33 (July 1992) 553-559.
- Turner, S. C. and J. H. Dorfman. "Retail Target Markets for Landscape Plants," Journal of Environmental Horticulture 8:3 (Sept. 1990) 115-118.
- Dorfman, J., M. Dorfman, and D. Heien. "Causes of Almond Yield Variations," California Agriculture (Sept.-Oct. 1988) 27-28.
- Dorfman, J., and D. Heien. "Improving Almond Crop Forecasts," California Agriculture (March-April 1987) 6-8.

Proceedings:

- Dorfman, J. H., and B. Karali. "Do Farmers Hedge Optimally or by Habit? A Bayesian Partial Adjustment Model of Farmer Hedging." NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2008).
- Sweaney, Anne L. Jeffrey H. Dorfman, Jorge H. Atilas, Warren P. Kriesel, Thomas F. Rodgers, and Karen Tinsley. "The Economic Impact of Low-Income Housing Tax Credits in Georgia," in ed. Joseph Laquatra, Proceedings of the 2007 Annual Conference of the Housing Education and Research Association. (Oct. 2007) 250-255.
- Dorfman, J. H., J. Pennings, and P. Garcia. "Is Hedging a Habit: Hedging Ratio Determination of Cotton Producers." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2005).
- Dorfman, J. H., B. Lavigno, J. C. Bergstrom, and B. J. Barnett, "Farmland Preservation through Private Markets and Dedicated Funding," Papers from the Annual Meeting of W-1133, Seventeenth Interim Report (Oct. 2004), 1-17.
- Dorfman, J. H., and D. R. Sanders, "Generalized Hedge Ratio Estimation with an Unknown Model." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2004).
- Dorfman, J. H., B. Lavigno, J. C. Bergstrom, and B. J. Barnett, "Is There a Private Market for Farmland Preservation?" Compensating Landowners for Conserving Agricultural Land: Papers from a California Conference. Univ. of Calif., Davis. (Dec. 2003) 63-70.
- Hall, R. L., J. H. Dorfman, and L. F. Gunter, "Spatial Competition and Prices in the Agricultural Chemical Industry: Empirical Evidence from Georgia." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (2003).
- Dorfman, J. H., and N. Nelson. "How Smart is Smart Growth?: The Economic Costs of Rural Development." Proceedings of the 2000 SERA-IEG Meetings (2000).
- Yague, I., S. C. Turner, and J. H. Dorfman. "A Full Bayesian Analysis of Structural Changes with the AIDS Model: The Case of Meat Demand." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (1999) 425-440.
- Stegelin, F. and J. Dorfman. "Location Determinants and Attraction-Retention-Expansion Factors of Georgia Food Processors," Journal of Food Distribution Research, Proceedings Issue vol29:1 (Feb, 1998) 103-106.
- Wang, X., J. H. Dorfman, J. McKissick, and S. C. Turner. "Optimal Marketing Decisions for Cattle under Price Risk," NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (1997) 226-231.
- Dorfman, J. H., "A New Approach to Composite Qualitative Forecasting," American Statistical Association, Proceedings of the Bayesian Statistics Section (1996) 272-277.

- Shepherd, T. L., and J. H. Dorfman, "Optimal Storage Decisions under Estimation and Prediction Risk," NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (1996) 191-203.
- Houston, J. E., J. C. Bergstrom, and J. H. Dorfman, "Estimating Bag/Catch Elasticities for Recreational Hunting and Fishing Using a Multiple Activity Demand System Approach," Benefits and Costs in Natural Resource Planning: Fifth Interim Report of W-133 (July 1992) 7-20.
- Dorfman, J. H., "A Nonparametric Bayesian Test for Nonstationarity," American Statistical Association, Proceedings of the Business and Economic Statistics Section (1992) 56-61.
- Gonzalez, M. J., G. M. Pesti, and J. H. Dorfman, "Formulating Feed for Minimum Cost Versus Maximum Profits," Proceedings of the 1992 Georgia Nutrition Conference for the Feed Industry (1992) 87-99.
- Dorfman, J. H., and C. S. McIntosh, "Simulating the Value of Directional Information in Futures Markets," NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management (1992) 1-15.
- McIntosh, C. S., and J. H. Dorfman. "Qualitative Forecast Evaluation: A Comparison of Two Performance Measures," Proc. of the Western Agricultural Economics Association (1991) 148-154.
- Aoki, M., and J. H. Dorfman. "Statistical Analysis of Some Identification Procedures for State Space Innovation Models," in H. Kimura, ed, The Proceedings of MTNS 91 (Mita Press, 1991) 619-624.
- McIntosh, C. S., K. H. Shideed, and J. H. Dorfman. "Composite Forecasting and Evaluation: An Application to U.S. Hog Markets," Southeast Decision Science Institute (1990) 72-78.
- Dorfman, J. H., and A. M. Havenner. "Bayesian Forecasting with a Balanced Representation State Space Model," Amer. Statistical Assoc., Proc. of the Business & Economic Statistics Sec. (1990) 79-88.
- Dorfman, J. H., and A. M. Havenner. "An Optimal Control Model of Olive Inventories Using State Space Models," Dynamic Modelling and Control of National Economies, IFAC Symposium Proceedings (1989) 7-12.

Books and Monographs:

- Dorfman, J. H. *Bayesian Economics Through Numerical Methods: A Guide to Econometrics and Decision-Making with Prior Information.* New York: Springer-Verlag (1997) 110p.
- Alston, J. M., H. F. Carman, J. E. Christian, J. H. Dorfman, J.-R. Murua, and R. J. Sexton. *Optimal Reserve and Export Policies for the California Almond Industry: Theory, Econometrics and Simulations* Giannini Foundation Monograph No. 42 (Feb. 1995) 137pp.

Book Chapters:

Dorfman, J. H. and R. T. Watson, "Farming, the Internet, and E-Market Structures," in E-commerce in Agribusiness, ed. T.G. Schmitz, C. B. Moss, A. Schmitz, A. Kagan, and B. Babcock (Longboat Key, FL: Florida Science Source, 2005), p25-43.

Dorfman, J. H. "Competing Exchange Rate Models: A State Space Model vs. Structural and Time Series Alternatives," in M. Aoki and A. M. Havenner, eds., Applications of Computer-Aided Time Series Modeling (New York: Springer-Verlag, 1997) 237-253.

Book Reviews:

Dorfman, J. H. "Review of *The Economics and Management of Water and Drainage in Agriculture*, Dinar, A., and D. Zilberman eds., (Kluwer, 1991)," Natural Resources Modeling 5 (1991) 521-527.

Popular Press:

Dorfman, J. H. "Incorporating Cities: Tired of Services not Matching Tax Burden," Atlanta Journal-Constitution (July 8, 2008) page A9.

Dorfman, J. H. "The Cost of Growth on Your County Budget," Georgia County Government 59 (Sept. 2007) 29-30.

Dorfman, J. H. "Hard line a drag on Delta: Inflexible fares lead to red ink, empty seats," Atlanta Journal-Constitution (May 16, 2006) page A11.

Dorfman, J. H. "Property taxes: flip script; put cap on spending," Atlanta Journal-Constitution (April 5, 2006) page A15.

Dorfman, J. H. "Is Development a Good Thing?" Paulding at a Glance Magazine (Feb. 2005), 5-8.

Dorfman, J. H. "GA. 316 proposal: Public will find it hard to weigh in," Atlanta Journal-Constitution, (Dec. 29, 2004) page A11.

Dorfman, J. H. "Rural schools get fair share of state funds," Atlanta Journal-Constitution (August 30, 2004) page A11.

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Reports:

- Dorfman, J.H., "The Fiscal Impacts of Land Uses on Local Government." Web publication at <http://landuse.uga.edu/Documents/cocsrep.pdf>.
- Bethany Lavigno, Jeffrey Dorfman, Barry Barnett, and John Bergstrom. "Farmland Preservation in Georgia: Three Possible Roads to Success," (Athens, GA: UGA Dept. Ag. & Applied Economics, May 10, 2004). Available at <http://www.arches.uga.edu/~jdorfman/Report.pdf>.
- Dorfman, Jeffrey H., Dawn A. Black, David Newman, Coleman W. Dangerfield, Jr., and Warren A. Flick. "The Economic Costs of Development for Local Governments," UGA Center for Forest Business Report No. 10. (Jan 2001). <http://www.forestry.uga.edu/warnell/pdf/cfb/EcCost.pdf>.
- Nelson, Nanette, Jeffrey H. Dorfman, and Laurie Fowler, "The Potential for Community Forests to be Self-Financing: Are Hedonic Analysis of the Enhancement Value of Georgia's Trees" (Jan. 2003). Available at <http://outreach.ecology.uga.edu/research/documents/hedonic.pdf>
- Nelson, N., J. Dorfman, and L. Fowler. "Protecting Farmland in Developing Communities: A Case Study of the Tax Implications of Agricultural Conservation Easements." (Feb 2001). UGA Institute of Ecology (<http://outreach.ecology.uga.edu/publications.html>)
- Nelson, N., and J. H. Dorfman. "Cost of Community Service Studies for Habersham and Oconee Counties, Georgia." Center for Agribusiness and Economic Development Special Report No. 5 (Feb. 11, 2000).
- Rickett, A. B. A. Doherty, and J. H. Dorfman. "1998 Georgia Farmgate Value Report." Center for Agribusiness and Economic Development Staff Report No. 5 (July 1999).
- Dorfman, J. H., D. Alday, A. Rickett, and J. McKissick. "A Comparison of Return on Assets and the Probability of Making a Profit Across a Variety of Georgia Agricultural Commodities." Center for Agribusiness and Economic Development Special Report No. 4 (Feb. 3, 1999).
- Jones, Y. L., J. H. Dorfman, and N. B. Brown, Jr. "The Georgia Conservation Use Tax Act: Yielding Economic Benefits to Peach Growers and the State Economy." Center for Agribusiness and Economic Development Special Report No. 3 (Sept. 16, 1998).
- Dorfman, J. H. "Outlook for Georgia's Poultry, Dairy, and Livestock Sector." Center for Agribusiness and Economic Development Staff Report No. 2 (June 30, 1998).
- Dorfman, J. H. and Y. L. Jones. "A Study of Cattle Owners' Willingness to Pay for a New Fescue Seed Technology." Center for Agribusiness and Economic Development Special Report No. 1 (Feb. 23, 1998).
- Dorfman, J. H., B. Givan, J. McKissick, B. Mizelle, G. Shumaker, D. Shurley, and B. Thomas. "Georgia's Agricultural Outlook for 1998." Georgia Business and Economic Conditions 57:6 (Nov.-Dec. 1997).
- Stegelin, F., and J. Dorfman. "Georgia Food Processors' Location Determinants and Attraction-Retention-Expansion Factors." Center for Agribusiness and Economic Development Staff Report No. 1 (Sept. 18, 1997).

Professional Activities:

Papers Presented:

- Dorfman, J. H., M. D. Partridge, and H. Galloway. "Are High-tech Employment and Natural Amenities Linked?: Answers from a Smoothed Bayesian Spatial Model." American Agricultural Economics Association Meetings, Orlando, July 28, 2008.
- Karali, B., J. H. Dorfman, and W. N. Thurman. "Do Inventory and Time-to-Delivery Effects Vary Across Futures Contracts: Insights from a Smoothed Bayesian Estimator." Paper presented at American Agricultural Economics Association Meetings, Orlando, July 29, 2008.
- Dorfman, J. H., and B. Karali. "Do Farmers Hedge Optimally or by Habit? A Bayesian Partial Adjustment Model of Farmer Hedging." NCCC-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. St. Louis, MO, April 2008).
- Dorfman, J. H., E. Hill, and E. L. Kramer, "Evaluating the Impact of Government Land Use Policies on Tree Canopy Coverage," American Agricultural Economics Association Meetings. Portland, OR. July 31, 2007.
- Atkinson, S. E., and J. H. Dorfman, Atkinson, S. E., and J. H. Dorfman, "Chasing Absolute Cost and Profit Savings in a World of Relative Inefficiency." American Agricultural Economics Association Meetings. Long Beach, CA, July 2006.
- Dorfman J. H., "Cost of Service Studies and their Relationship to Environmentally Sensitive Land Protection." Southeastern Watershed Forum, Bowling Green, KY. Nov. 3, 2005.
- Dorfman, J. H., and D. R. Sanders, "Generalized Hedging with an Unknown Model." American Agricultural Economics Association Meetings, Providence, RI. July 25, 2005.
- Atkinson, S. E., and J. H. Dorfman, "Feasible Estimation of Firm-Specific Allocative Inefficiency Measures: Squeezing More Information from the Same Data," American Agricultural Economics Association Meetings, Providence, RI. July 26, 2005.
- Dorfman, J. H., J. Pennings, and P. Garcia. "Is Hedging a Habit: Hedging Ratio Determination of Cotton Producers." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, April 2005.
- Atkinson, S.E. and J. H. Dorfman, "Feasible Estimation of Firm-Specific Allocative Inefficiency through Bayesian Numerical Methods." Southern Economic Association Meeting, New Orleans, Nov. 23, 2004.
- Dorfman, J. H., B. Lavigno, B. Barnett, and J. C. Bergstrom. "Private versus Public Programs for Farmland Preservation." American Farmland Trust National Conference, Lexington, KY, Nov. 17, 2004.
- Hall, R. L., J. H. Dorfman, L. F. Gunter. "Spatial Competition and Prices in the Agricultural Chemical Industry: Empirical Evidence from Georgia." American Agricultural Economics Association Meetings, Denver, CO, Aug. 2, 2004.

- Dorfman, J. H., and D. R. Sanders, "Generalized hedge ratio estimation with an unknown model." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, April 19, 2004.
- Dorfman, J. H., B. Lavigno, B. Barnett, and J. C. Bergstrom. "Is there a private market for farmland preservation?" Western Regional Science Association (WRSA) and W-1133 Regional Project, Maui, Hawaii, Feb. 2004.
- Atkinson, S.E. and J. H. Dorfman, "Bayesian Measurement of Productivity and Efficiency in the Presence of Undesirable Outputs: Crediting Electric Utilities for Reducing Air Pollution." Econometric Society European Meetings, Stockholm, Sweden, Aug 20, 2003.
- Rahul Ganguly, Bradley C. Martin, Jeffrey H. Dorfman, John A. Rizzo. "In Search of an Unbiased Estimate of Treatment Effect Using Observational Data: A Comparison of Propensity Scoring and Heckman Two Stage Sample Selection Models," International Society for Pharmacoeconomics and Outcomes Research meetings. Washington DC. May 19, 2003.
- Hall, R. L., J. H. Dorfman, and L. F. Gunter, "Spatial Competition and Prices in the Agricultural Chemical Industry: Empirical Evidence from Georgia." NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management, St. Louis, April 2003.
- Dorfman, J. H., B. Lavigno, B. Barnett, and J. Bergstrom. "Private Markets for Farmland Preservation." Presented at Compensatory Options for Conserving Agricultural Land: a Research and Policy Conference, Davis, CA, March 2003.
- Atkinson, S. E., and J. H. Dorfman. "Measurement of Productivity and Efficiency in the Presence of an Undesirable Output: Crediting Electric Utilities with Reductions in SO₂ Emissions." Conference on New Advances in Productivity and Efficiency Measurement, Athens GA, October 2002.
- Atkinson, S. E., and J. H. Dorfman. "Multiple Comparisons with the Best: Bayesian Precision Measures of Efficiency Rankings." American Agricultural Economics Association Meetings, Long Beach. July 2002.
- Smith, A. R., and J. H. Dorfman. "An Economic Evaluation of Public Cotton and Peanut Research in the Southeastern U.S." American Agricultural Economics Association Meetings, Long Beach. July 2002.
- Rahman, S. M., J. H. Dorfman, and S. C. Turner. "A Bayesian Approach to Optimal Cross-hedging of Cottonseed Products using Soybean Complex Futures." American Agricultural Economics Association Meetings, Long Beach. July 2002.
- Atkinson, S. E. and J. H. Dorfman, "Measuring Productivity Growth in the Presence of Undesirable Outputs." Regional Meeting of International Society for Bayesian Analysis, Laguna Beach, CA. April 2001.
- Atkinson, S. E. and J. H. Dorfman, "Measuring Productivity Growth in the Presence of Undesirable Outputs." Canadian Economic Assoc. meeting in Montreal. June 2001.
- Garth Holloway and Jeffrey H. Dorfman, "Tobit Analysis of Data at the International Livestock Research Institute." American Agricultural Economics Association Meetings, Chicago. August 2001.

- Atkinson, S. E. and J. H. Dorfman, "Measuring Productivity Growth in the Presence of Undesirable Outputs." European Econometrics Society Meeting (Lausanne, Switz.) August 2001.
- Atkinson, S. E. and J. H. Dorfman. "A Bayesian Multiple Comparison Approach to the Statistical Testing of Efficiency Rankings: An Application to Electric Power Generation." European Productivity Workshop; Univ. of Oviedo, Spain. September 25-27, 2001.
- Dorfman, J. H., D. Black, D. H. Newman, and W. Flick. "Cost of Community Service Studies." Southern Forest Science Conference, Atlanta, November 27, 2001.
- Dorfman, J. H., S. E. Atkinson, and O. Honerkamp. "Measuring Productivity Growth in the Presence of Undesirable Outputs in a Fully Consistent Framework," American Agricultural Economics Association Meetings. Tampa. Aug. 2000.
- Black, D. A., and J. H. Dorfman. "Identifying Farmer Characteristics Related to Crop Insurance Purchase Decisions," American Agricultural Economics Association Meetings. Tampa. Aug. 2000.
- Truesdell, M., J. C. Bergstrom, and J. H. Dorfman. "Regulatory Takings and the Diminution of Value: An Empirical Analysis of Givings and Takings," American Agricultural Economics Association Meetings. Tampa. Aug. 2000.
- Poray, M. C., K. A. Foster, and J. H. Dorfman, "Measuring an Almost Ideal Demand System with Generalized Flexible Least Squares," American Agricultural Economics Association Meetings. Tampa. Aug. 2000.
- Yague, I., S. C. Turner, and J. H. Dorfman. "A Full Bayesian Analysis of Structural Changes with the AIDS Model: The Case of Meat Demand," NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. Chicago. April 1999.
- Dorfman, J. H. and C. S. McIntosh. "Putting the 'Econ' into Econometrics," American Agricultural Economics Association Meetings. Salt Lake City. Aug. 1998.
- Oljaca, N., A. G. Keeler, and J. H. Dorfman. "Penalty Functions for Environmental Violations: Evidence from Georgia," American Agricultural Economics Association Meetings. Toronto. July 1997.
- Soares, E., J. H. Dorfman, and G. C. W. Ames. "Fresh Winter Tomato Market Structure," American Agricultural Economics Association Meetings. Toronto. July 1997.
- Ames, G. C. W., J. H. Dorfman, L. Gunter, J. E. Houston, and E. Soares. "U.S.-Mexican Tomato Wars: Implications for Globalization of the Fresh Fruit and Vegetable Trade," Conference on Globalisation of the Food Industry: Policy Implications. Reading UK, Sept. 1997.
- Ames, G. C. W., J. H. Dorfman, and E. Soares, "Price Analysis of Mexican Tomato Imports: Are the Antidumping Duties Warranted?" Tri-National Research Symposium: NAFTA and Agriculture: Is the Experiment Working? San Antonio, Nov. 1996.
- Mao, W., T. Park, J. E. Epperson, and J. H. Dorfman, "A Multicountry Endogenous Tariff Model with Differentiated Products: The North American Onion Trade," Tri-National Research Symposium: NAFTA and Agriculture: Is the Experiment Working? San Antonio, Nov. 1996.

- Martin, B.C., J. H. Dorfman, "Bootstrapping Confidence Intervals and Mean Variances," Southeastern SAS users group. Atlanta, October, 1996.
- Dorfman, J. H. "A New Approach to Composite Qualitative Forecasting," International Society for Bayesian Analysis Meetings. Chicago, August 1996.
- Dorfman, J. H. "Bayesian Econometrics: New Advances and Applications to Agricultural & Resource Economics," (invited) American Agricultural Economics Association Meetings. San Antonio, July 1996.
- Shepherd, T. L., and J. H. Dorfman. "Optimal Storage Decisions under Estimation and Prediction Risk," presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. Chicago, April 1996.
- Dorfman, J. H., and W. D. Lastrapes. "The Dynamic Responses of Crop and Livestock Prices to Money Supply Shocks: A Bayesian Analysis Using Long-Run Identifying Restrictions," presented at the American Agricultural Economics Association Meetings. Indianapolis, August 1995.
- Shepherd, T., and J. H. Dorfman. "Duopoly Strategies Under Estimation Risk: A Decision Theoretic Approach," presented at the American Agricultural Economics Association Meetings. Indianapolis, August 1995.
- Shepherd, T., J. H. Dorfman, and G. M. Pesti. "Searching for Significance II: The Perils of Excluding Pen Effects," presented at the American Statistical Association Meetings. Raleigh, January 1995.
- Myneni, G., J. H. Dorfman, and G. C. W. Ames. "Welfare Impacts of the Canada-U.S. Softwood Lumber Dispute: Beggar Thy Consumer Trade Policy," presented at the American Agricultural Economics Association Meetings. San Diego, August 1994.
- Dorfman J. H., "A Bayesian Model of Technology Adoption given Multiple Options," presented at the American Statistical Association Meetings. San Francisco, August 1993.
- Dorfman, J. H., "Bayesian Efficiency Tests for Commodity Futures Markets," (invited and) presented at the American Agricultural Economics Association Meetings. Orlando, August 1993.
- Zhu, Q., and J. H. Dorfman, "Optimal Entry and Exit Conditions in the U.S. Cotton Industry," presented at the American Agricultural Economics Association Meetings. Orlando, August 1993.
- Dorfman, J. H., A. G. Keeler, and W. R. Kriesel, "Towards Modeling Option Price in a Dynamic Setting: Some Theoretical Considerations," presented at the American Agricultural Economics Association Meetings. Orlando, August 1993.
- Dorfman, J. H., "A Nonparametric Bayesian Test for Nonstationarity," presented at the American Statistical Association Meetings. Boston, August 1992.
- Dorfman, J. H., and J. M. Broder, "Determinants of Teaching Quality: What's Important to Students," presented at the American Agricultural Economics Association Meetings. Baltimore, August 1992.

- Aguilar, B. M., J. H. Dorfman, and G. C. W. Ames, "Suspension of the International Coffee Agreement: Is a Return to the Quota System Desirable," presented at the American Agricultural Economics Association Meetings. Baltimore, August 1992.
- Dorfman, J. H., and C. S. McIntosh, "Simulating the Value of Directional Information in Futures Markets," presented at the NCR-134 Conference on Applied Commodity Price Analysis, Forecasting, and Market Risk Management. Chicago, April 1992.
- Chen, J. J., J. H. Dorfman, and M. E. Wetzstein, "Forecasting with Associative Memories: An Application to Optimal Control," (invited and) presented at the 1992 Allied Social Science Association Meetings. New Orleans, January 1992.
- McIntosh, C. S., and J. H. Dorfman, "Qualitative Forecast Evaluation: A Comparison of Two Performance Measures," presented at the Western Agricultural Economics Association Meetings. Portland, July 1991.
- Aoki, M., and J. H. Dorfman, "Statistical Analysis of Some Identification Procedures for State Space Innovation Models," (invited and) presented at the 1991 International Conference on the Mathematical Theory of Networks and Systems. Kobe, Japan, June 1991.
- Dorfman, J. H., and A. Havenner, "Bayesian Forecasting with a Balanced Representation State Space Model," (invited and) presented at the American Statistical Association Meeting. Anaheim, August 1990.
- Dorfman, J. H., C. L. Kling, and R. J. Sexton, "Confidence Intervals for Elasticities and Flexibilities," presented at the American Agricultural Economics Association Meetings. Vancouver, Aug. 1990.
- Dorfman, J. H., and A. Havenner, "Model Specification Tests for Balanced Representation State Space Models," (invited and) presented at meetings of the Society of Economic Dynamics and Control. Minneapolis, June 1990.
- McIntosh, C. S., and J. H. Dorfman, "A Price Forecasting Competition: Introduction," (invited and) presented at the Meetings of the Allied Social Science Associations. Atlanta, December 1989.
- Dorfman, J. H., and C. S. McIntosh, "Results of a Price Forecasting Competition," (invited and) presented at the Meetings of the Allied Social Science Associations. Atlanta, December 1989.
- Dorfman, J. H., and K. A. Foster, "Estimating Productivity Changes with Flexible Coefficients," presented at the American Agricultural Economics Association Meetings. Baton Rouge, July 1989.
- Dorfman, J. H., and A. Havenner, "An Optimal Control Model of Olive Inventories Using State Space Models," (invited and) presented at International Federation of Automatic Control Symposium on Dynamic Modelling and Control of National Economies. Edinburgh, Scotland, June 1989.
- Dorfman, J. H., and D. Heien, "The Effects of Uncertainty and Adjustment Costs on Investment in the Almond Industry," (invited and) presented at the Meetings of the Society of Economic Dynamics and Control. Tempe, March 1988.

Seminars: Ohio State University, Dept of Ag., Env., and Dev. Econ., October 24, 2007.
University of Reading, UK, Dept. Ag. Economics, June 22, 2007.
Rice University, Dept. of Economics, March 31, 2004.
Texas A&M University, Dept. of Economics, March 30, 2004.
University of Illinois, Dept. of Ag., Cons., and Res. Economics, Nov. 3, 2003.
Univ. of Arizona, Dept of Ag. & Res. Econ., February 2001.
Auburn University, Dept. of Ag. Economics. Oct. 28, 2000.
University of California, Davis, Dept. of Ag. & Res. Economics. Oct. 19, 2000.
University of Georgia, Dept. of Statistics. Oct. 5, 2000.
Texas A&M University; Dept. Ag. Economics. May 28, 1998.
North Carolina State University; Dept. Ag. and Res. Economics, Dec. 9, 1997.
Ohio State University, Dept. Ag. Economics and Rural Sociology, Oct. 28, 1997.
Iowa State University, Dept. of Economics, March 25, 1997.
University of Arizona, Dept. of Economics, March 7, 1996.
University of Georgia, Dept. Agric. & App. Econ., Nov. 2, 1995.
Federal Reserve Bank of Atlanta, Research Dept., July 10, 1995.
Virginia Polytechnic Institute; Dept. Ag. & App. Econ., Nov. 22, 1994.
North Carolina State University; Dept. Agric. & Res. Econ., Jan. 24, 1994.
Ohio State University; Dept. of Agric. Econ. & Rural Soc., Nov. 5, 1992.
University of Chicago, Graduate School of Business & Economics Dept, Oct. 23, 1991.
Univ. of Georgia; Economics Dept., Nov. 20, 1991; July 11, 1990; Sept. 28, 1989.
University of California, Berkeley; Ag. & Resource Economics Dept., Oct. 23, 1989.
University of California, Davis Ag. Economics, Apr. 10, 1992; Oct. 24, 1989.
University of Southern California, Economics Dept., Oct. 30, 1989.

Workshops: Co-Led training workshops for county and municipal officials in Georgia on smart growth, various locations, two or three times per year, 2002-present.

Participated in and spoke at USDA Symposium on Ecommerce in Ag. (invited), USDA/ERS, Washington DC. May 2001.

One of 100 invited participants in “Establishing Priorities for Agricultural Economics: An Interactive and Systematic Process Between Users and Scientists,” sponsored by the Council on Food, Agricultural and Resource Economics, Annapolis, MD, Nov. 1996.

Participated as a speaker in a learning workshop on the valuation of agriculturally-related health risks sponsored by the Resource Policy Consortium, Washington DC, May 1991.

Committees: Member, 2004-2006, American Agricultural Economic Association, Publication of Enduring Quality Award Selection Committee.
Member, 2004-2006 Southern Agricultural Economic Association Distinguished Teaching of a Course Award Committee.
Member, 2002-2005 American Agricultural Economic Association Nominating Committee.
Co-Chair, 1991 American Agricultural Economic Association Selected Papers Committee.
Member, 1993-1996, American Agricultural Economic Association Awards Committee, Research Discovery.
Numerous other university, college, and departmental committees, including chair of Both College and University Promotion/Tenure Committees.

Organized: Principal Paper Session for the AAEA/AEA Meetings, Chicago, Jan. 5 2007. Special invited session on land use economics and planning linkages.

Conference on New Advances in the Econometric Measurement of Productivity and Efficiency, held at UGA Oct. 24-26, 2002.

Invited Session for the 1993 American Agricultural Economic Association Meetings. "Applications of New Bayesian Methods to Agricultural Economics."

Invited Session for the Winter 1992 Allied Social Science Association Meetings. "Specification, Estimation, and Forecasting of Nonlinear Models with Neural Networks," sponsored by the Society of Economic Dynamics and Control.

Invited Session for the Winter 1989 Allied Social Science Association Meetings. "A Price Forecasting Competition," sponsored by the American Agricultural Economics Association.

Public Speaking: Talks given to civic groups, public forums, elected officials, and citizen groups throughout Georgia as well as in North Carolina, Florida, Kentucky, Indiana, California. Approximately one talk per month.

Offices Held: Co-Editor, *American Journal of Agricultural Economics*, 2007-2011.
Associate Editor, *American Journal of Agricultural Economics*, 2006-2008.
Co-Editor, *Journal of Agribusiness*, September 1998 – December 2003.
Editor of *The ISBA Newsletter*, the official newsletter of the International Society for Bayesian Analysis, 1993-1996.

Reviewer: *American Journal of Agricultural Economics*
Journal of Econometrics
Journal of International Economics
Review of Economics and Statistics
Journal of the American Statistical Association
Journal of Business & Economic Statistics
Journal of Environmental Economics and Management
Journal of Productivity Analysis
Journal of Agricultural and Resource Economics
Australian Journal of Agricultural and Resource Economics
Journal of Economic Dynamics and Control
Journal of Regional Science
Review of Agricultural Economics
Southern Economic Journal
Journal of Applied Econometrics
Computational Statistics & Data Analysis
Journal of Agricultural and Applied Economics
Technological Forecasting and Social Change
Energy Economics
National Science Foundation (grant proposals)

Member: American Economic Association
American Agricultural Economics Association

Teaching:

Experience teaching graduate courses in quantitative methods. Taught the department's required master's level class in applied econometrics and an elective Ph.D. class in dynamic optimization which covered calculus of variations, optimal control, and numerical optimization methods. Has won the department's graduate teaching award twice, undergraduate teaching award three times, an experiment station wide teaching award (D. W. Brooks Award), and the teaching award given by the Southern Agricultural Economics Association. Have also taught graduate microeconomic theory and graduate Bayesian econometrics. At the undergraduate level, developed and currently teaching a senior-level agricultural marketing class which focuses on the economics of food processing, distribution, marketing, and trade. Also teaching or have taught undergraduate microeconomic theory at the intermediate (junior year) level and the introductory level (freshman/sophomore year). Teaching approach utilizes class participation and in-class economic experiments to demonstrate many economic concepts.

Grant Funding:

Total funding over career of approximately \$900,000 as a PI or co-PI. Currently co-PI on a \$250,000 grant from U.S. EPA to UGA and Georgia EPD to study wetlands and the economics and environmental services they provide. Currently PI on \$39,000 grant from USDA-Forest Service to study effectiveness of local government policies designed to protect tree canopy. Have also had projects funded by U.S. Agency for Health Care Research and Quality, and the USDA-Economic Research Service.

Consulting (partial listing):

Various cities, counties, and developers—the fiscal impact of development and land use on local government budgets.

AgResearch USA (Ltd)—survey projects to direct company's future research for product development.

The Georgia Conservancy—growth management issues and the fiscal impacts of growth.

1000 Friends of Florida—the fiscal impacts of growth in Leon County, FL.

Midwest Agribusiness and Trade Research and Information Center (MATRIC)—the impact of e-commerce on agribusiness.

Sprint—statistical and economic issues of parity testing and telecom regulation.

US Corps of Engineers—project involving recreation value in Louisiana related to Corps water projects.

Fulton County School Board—forecasting school enrollment for the district.

Excel Marketing—launch of new agribusiness product, market demand studies and marketing plan.

American Farmland Trust and Turner Foundation—part of national land competition study.

References:

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