

CURRICULUM VITAE

Personal Information

Name: George Carroll Davis

Current Title: Professor

Address: Department of Agricultural and Applied Economics
Hutcheson Hall
Blacksburg, VA 24061

Date of Appointment: August 10, 2007

Percent Appointment: 80% Research and 20% Teaching

Education

Ph. D., Economics, Statistics Minor, International Trade Field, North Carolina State University. August, 1991. Dissertation: Structural Parameter Identification Without Quantity Data: An Application to the U.S. Christmas Tree Market.

M.S., Agricultural Economics, Clemson University. May, 1986. Thesis: A Linear Equilibrium Displacement Approach to Analyzing the Impact of a European Community Vegetable Oils Tax on the U.S. Soybean Market.

B.S., Agricultural Economics, Clemson University. August, 1983.

Principal Areas

- **Food and Health Economics**—food demand, time allocation, obesity
- **Applied Econometrics**—systems estimation and model specification
- **Methodology**—philosophical foundations of econometrics and economic analysis

Professional Experience

Professor. Department of Agricultural and Applied Economics and Department of Human Nutrition, Foods, and Exercise, Virginia Tech. (August, 2007 – Present). Current position is a joint research (80%) and teaching appointment (20%) in food and health economics. Research focus involves problems related to food demand, nutrition quality, time allocation, health outcomes, econometrics, and methodology.

Professor. Department of Agricultural Economics, Texas A&M University. (September, 2004–August, 2007). Current position is a joint research (65%) and teaching appointment (35%) in food marketing. Research focus involves problems related to food and fiber demand, econometrics, and methodology. Teach undergraduate course in price analysis and graduate courses in econometrics and advanced demand analysis.

Assistant/Associate Professor. Department of Agricultural Economics, Texas A&M University. (December, 1995–September, 2004). Joint research (65%) and teaching appointment (35%) in food marketing. Research focus involved problems related to food and fiber demand, econometrics, and methodology. Taught graduate courses in econometrics and advanced demand analysis.

Assistant Professor. Department of Agricultural Economics and Rural Sociology, University of Tennessee. (July, 1991–December, 1995). Research (88%) and Teaching (12%) appointment in International Agricultural Trade and Marketing. Conducted research on international demand for commodities important to the state of Tennessee. Taught courses at the graduate and undergraduate level including: Introduction to Agricultural Economics, International Trade and Marketing, Econometrics, and Research Methodology.

Econometric Advisor and Consultant. SAS Institute, Cary, North Carolina. (July, 1991–July, 1992). Reviewer for statistical manual entitled “SAS/ETS Software: Applications Guide 2, Econometric Modeling, Simulation, and Forecasting.”

Economics Instructor. Department of Economics and Business, North Carolina State University. (September, 1989–May, 1991). Instructor for introductory course in Economics.

Research Assistant. Department of Economics and Business, North Carolina State University. (May, 1987–September, 1989). Econometric modeling of natural Christmas tree market.

Econometric Consultant and Analyst. Wheat First Securities Research Division, Richmond, Virginia. (May, 1987–July, 1987). Econometric modeling of bank stock prices.

International Trade Policy Analyst. Foreign Agricultural Service, USDA, Washington, D.C. (May, 1986–August, 1986). Assisted in the negotiations with the European Community over the accession of Spain and Portugal into the European Community.

Research Assistant. Department of Agricultural Economics, Clemson University. (January, 1985–May, 1986). Analyzed soybean and soybean product trade with the European Community under alternative policy regimes.

International Trade Policy Analyst. Foreign Agricultural Service, USDA, Washington, D.C. (May, 1984–December, 1984). Assisted in the negotiations with the European Community over the accession of Spain and Portugal into the European Community.

Research Assistant. Department of Agricultural Economics, Clemson University. (August, 1983–May, 1984). Analyzed data of several South Carolina commodities.

Research

Contracts and Grants (all competitive unless otherwise noted)

External Funding

Where is the Threshold? Estimation of the Money-Time Threshold for Food Stamps (Oct. 2006-Oct. 2008).

Sponsor: USDA Cooperative agreement

Amount: \$100,000

Involvement: Principal Investigator

Experiments on Separability and Choice Sets (May, 2004 – Present)

Sponsor: Institute of Food Science and Engineering, Texas A&M University

Amount: \$3,500

Involvement: Principal Investigator

The Value of Pork Quality to Consumers (October, 2001–January, 2002)

Sponsor: National Pork Board Association

Amount: \$10,000

Involvement: Principal Investigator

Analysis of Consumer Behavior Data, Market Information & Market Strategies to Assess Pork Demand (June, 2001 – December, 2003)

Sponsor: National Pork Board Association

Amount: \$266,500

Involvement: Secondary Investigator, Jug Capps Principal Investigator

Parental Time, Roles Strains, Coping, and Children's Diet and Nutrition (September, 2000–September, 2003).

Sponsor: USDA Cooperative agreement

Amount: \$252,000

Involvement: Co–investigator with multidisciplinary team from agricultural economics, nutrition, and sociology at TAMU

Demand System Analysis for Households Segmented by Family Structure and Income: Extension (September, 2000–September, 2001).

Sponsor: USDA Cooperative agreement

Amount: \$20,000

Involvement: Co–investigator with Jug Capps and Rudy Nayga at TAMU

Demand System Analysis for Households Segmented by Family Structure and Income (August, 1999–September, 2000).

Sponsor: USDA Cooperative agreement

Amount: \$20,000

Involvement: Co–investigator with Jug Capps and Rudy Nayga at TAMU

An Economic Evaluation of the Pork Checkoff Program (June, 1998–May, 1999).

Sponsor: The National Pork Board

Amount: \$114,000

Involvement: Co–investigator with team of six faculty members from TAMU

A Comparison of Alternative Methods of Estimating Rates of Returns to Promotion (September, 1997–September, 1998).

Sponsor: National Institute for Commodity Promotion Research and Evaluation

Amount: \$15,000

Involvement: Principal Investigator

An Evaluation of the U.S. Cotton Checkoff Program (December, 1995–June, 1996).

Sponsor: The United States Cotton Board

Amount: \$150,000

Involvement: Co–investigator with team of six faculty members from TAMU

Export Services for Tennessee Agribusiness: A Handbook. (September, 1994–June, 1995).

Sponsor: Tennessee Department of Agriculture

Amount: \$1,500

Involvement: Co–investigator with Kim Jensen at the University of Tennessee

High–Value Agricultural Exports: Impacts of the USDA's Market Promotion Program (September, 1994–September, 1996).

Sponsor: USDA National Research Initiatives Grant (*NRI*)

Amount: \$91,056

Involvement: Co–investigator with Kim Jensen at the University of Tennessee

PUBLICATIONS AND PROFESSIONAL OUTPUT

Working Papers:

You, Wen and George C. Davis. "Childhood Obesity: Does the Quality of Parental Time Matter." In review at *Health Economics*.

Stockton, Matt, Henry Bryant, and George C. Davis. "Yes There is an Aggregate Meat Demand System: Revisiting Tests of Separability and the Generalized Composite Theorem in a Consistently Aggregated Demand System." In Progress.

You, Wen and George C. Davis. "Household Food Expenditures, Parental Time Allocation, and Childhood Obesity: An Integrated Approach and Empirical Application" In review at *American Journal Of Agricultural Economics*.

Kyureghian, Gayaneh, Rudolfo Nayga, Biing-Hwan Lin and George C. Davis. "Food Away From Home Consumption and Obesity: An Analysis by Service Type and by Meal Occasion." In review at *American Journal Of Agricultural Economics*.

Journal Articles:

Davis, George C. and Wen You. "The Time Cost of Food Preparation at Home: General Population and Food Stamp Participant Profiles." *Applied Economics*. Forthcoming.

Bryant, Henry and George C. Davis. "Revisiting U.S. Aggregate Meat Demand with a Bayesian Averaging of Classical Estimates Approach: Do We Need a More General Theory?" *American Journal of Agricultural Economics*. Vol. 90. No. 1: (February 2008): 103-116.

Davis, George C. "The Significance and Insignificance of Demand Analysis in Evaluating Promotion Programs." *American Journal of Agricultural Economics*. Vol. 87. No. 3. (August 2005):673-688.

Davis, George C. "Clarifying the 'Puzzle' Between the Textbook and LSE Approaches to Econometrics: A Comment on Cook's Kuhnian Perspective of Econometrics." *Journal of Economic Methodology*. Vol. 12. No. 1. (March 2005): 93-116.

Davis, George C. "Rejoinder on Cook and Response to Chao: Moving the Textbook/LSE Debate Forward" *Journal of Economic Methodology*. Vol. 12. No. 1. (March 2005): 137-48.

Davis, George C. "The Structure of Models: An Application to Theory Reduction and Testing with a Production Example." *Journal of Agricultural and Resource Economics*. Vol. 29. No. 1. (April, 2004): 65-78.

Davis, George C. "The Generalized Composite Commodity Theorem: Stronger Support in the

- Presence of Data Limitations.” *Review of Economics and Statistics*. Vol. LXXXV. No. 2 (May, 2003):476–480.
- Jakus, Paul M., Kim L. Jensen, and George C. Davis “Revenue Impacts of MPP Branded Funds: A Firm Level Analysis.” *Agricultural and Resource Economics Review*. Vol. 32. No. 2. (October, 2003): 184-197.
- Davis, George C. and Sung–Yong Kim. “Measuring Instrument Relevance in the Single Endogenous Regressor–Multiple Instrument Case: A Simplifying Procedure.” *Economics Letters*. Vol. 74. No. 3: (February, 2002):321–325.
- Siebert, John. W., George C. Davis, Kerry K. Litzenberg, and Joseph. M. Broder. “Time Allocation Decisions Associated with Job Market Preparation: Undergraduate Perceptions Versus Market Realities.” *American Journal of Agricultural Economics*. Vol. 84. No. 1. (February, 2002):222–233.
- Davis, George C. and Ernesto Perusquia. “Student Numbers and Sustaining Courses and Fields in Ph.D. Programs.” *Journal of Agricultural and Applied Economics*. Vol. 34. No. 3. (December, 2002):531–546.
- Park, Jaehong and George C. Davis. “The Theory and Econometrics of Health Information in Cross–Sectional Nutrient Demand Analysis.” *American Journal of Agricultural Economics*. Vol. 83. No. 4. (November, 2001):840–851.
- Shumway, C. Richard and George C. Davis. “Does Consistent Aggregation Really Matter?” *Australian Journal of Agricultural and Resource Economics*. Vol. 45. No 2. (June, 2001): 161–194.
- Yian, Jian, George C. Davis, and David J. Leatham. “Impact of Interest Rate Swaps on Corporate Capital Structure: An Empirical Investigation.” *Applied Financial Economics*. Vol. 11. No. 1. (February, 2001):75–81.
- Davis, George C. “A Semantic Interpretation of Haavelmo’s Structure of Econometrics.” *Economics and Philosophy*. Vol. 16. No. 2. (October, 2000):205–228.
- Davis, George C., and M. Cristina Espinoza. “A Unified Approach to Sensitivity Analysis in Equilibrium Displacement Models: Reply.” *American Journal of Agricultural Economics*. Vol. 82. No. 1. (February, 2000):241–243.
- Davis, George C., Ni Lin and C. Richard Shumway. “Aggregation Without Separability: Tests of U.S. and Mexican Agricultural Production Data.” *American Journal of Agricultural Economics*. Vol. 82. No. 1. (February, 2000):214–230.
- Davis, George C. “The Science and Art of Promotion Evaluation.” *Agribusiness: An International Journal*. Vol. 15. No. 4. (Fall, 1999):465–483.

Jensen, Kim L. and George C. Davis. "An Analysis of Export Market Strategies and Barrier Perceptions by U.S. HVP Agricultural Exporters." *International Food and Agribusiness Management Review*. Vol. 1. No. 4. (1998):509–524.

Davis, George C., and M. Cristina Espinoza. "A Unified Approach to Sensitivity Analysis in Equilibrium Displacement Models." *American Journal of Agricultural Economics*. Vol. 80. No. 4. (November, 1998):868–879.

Samonte–Tam, Giselle P.B. and George C. Davis. "Economic Analysis of Stake and Rack Hanging Methods of Farming Oysters in the Philippines." *Aquaculture*. Vol. 160. No. 3–4. (January, 1998):239–249.

Flemmings, Jon Ann, Kim L. Jensen, and George C. Davis. "A Study of Export Assistance Needs of U.S. HVP Agricultural Exporters." *Journal of International Food and Agribusiness Marketing*. Vol. 9. No. 3. (1997):21–40.

Davis, George C. "The Logic of Testing Structural Change in Meat Demand: A Methodological Analysis and Appraisal." *American Journal of Agricultural Economics*. Vol. 79. No. 4. (November, 1997):1186–1192.

Adams, Barry H., George C. Davis, Kim L. Jensen, and Paul M. Jakus. "Priorities and Preferences in the Allocation of MPP Branded Funds." *American Journal of Agricultural Economics*. Vol. 79. No. 4. (November, 1997):1319–1331.

Adams, Barry H., Kim L. Jensen, and George C. Davis. "Knowledge and Use of Export Assistance Services by Agribusiness." *Agribusiness: An International Journal*. Vol. 13. No. 3. (May/June, 1997):285–294.

Davis, George C. "Product Aggregation Bias as a Specification Error in Demand Systems." *American Journal of Agricultural Economics*. Vol. 79. No. 1. (February, 1997):100–109.

Davis, George C., and C. Richard Shumway. "To Tell the Truth About Interpreting the Morishima Elasticity of Substitution." *Canadian Journal of Agricultural Economics*. Vol. 44. No. 2. (July, 1996):173–182.

Davis, George C., and William J. Hewitt. "Measuring the Quality of Imported Tobacco." *Journal of Agricultural and Applied Economics*. Vol. 28. No. 1. (July, 1996):148–158.

Davis, George C., and Jean Gauger. "Measuring Substitution in Monetary Asset Demand Systems." *Journal of Business and Economic Statistics*. Vol. 14. No. 2. (April, 1996):203–208.

Davis, George C. "Product Differentiation and Representative Agent Import Demand Systems: A Reconsideration and Reconciliation." *Canadian Journal of Agricultural Economics*.

Vol. 43. No. 1. (March, 1995):149–164.

Davis, George C., and Kim L. Jensen. “Two–Stage Utility Maximization and Import Demand Systems Revisited: Limitations and an Alternative.” *Journal of Agricultural and Resource Economics*. Vol. 19. No. 2. (December, 1994):409–421.

Davis, George C. “Christmas Tree Consumption: A Review of the Research.” *American Christmas Tree Journal*. Vol. 38. No. 1. (July, 1994):54–57.

Davis, George C., and Nancy C. Kruse. “Consistent Estimation of Armington Demand Models.” *American Journal of Agricultural Economics*. Vol. 75. No. 3. (August, 1993):719–723.

Davis, George C., and Michael K. Wohlgenant. “Demand Elasticities from a Discrete Choice Model: The Natural Christmas Tree Market.” *American Journal of Agricultural Economics*. Vol. 75. No. 3. (August, 1993):730–738.

Davis, George C. “Consumers’ Species Knowledge and the Value of Christmas Tree Characteristics.” *Journal of Agricultural and Applied Economics*. Vol. 25. No. 1. (July, 1993):266–277.

Davis, George C., Michael E. Hammig, and C. Parr Rosson. “European Community Soybean Market Response to Proposed Vegetable Oils Tax.” *Atlantic Economic Journal*. Vol. XV. No. 1. (December, 1987):100.

Published Papers in Proceedings:

Davis, George C. “The Model Specification Problem from a Probabilistic Reduction Perspective: Discussion.” *American Journal of Agricultural Economics*. Vol. 83. No. 5. (December, 2001):1177–1180.

Peterson, E. Wes and George C. Davis. “Consequences, Rights, and Virtues: Ethical Foundations for Applied Economics.” *American Journal of Agricultural Economics*. Vol. 81. No. 5. (December, 1999):1173–1180.

Yian, J.C., G.C. Davis, and D.G. Leatham, Jr. “Impact of Interest Rate Swaps on corporate Capital Structure: An Empirical Investigation: NC.” Proceedings of the Regional Research Committee, NC-221. Annual Meeting. Louisville, Kentucky, October 5 and 6. Published by the Department of Economics, College of Agriculture, Iowa State University, April 1999, pp 9-25, 1998.

Capps, Oral Jr., George C. Davis, David A. Bessler, and John P. Nichols. “Economic Evaluation of the Cotton Checkoff Program.” In *Economic Evaluation of Commodity Promotion Programs in the Current Legal and Political Environment*. Ferrero and Clary. Eds. National Institute for Commodity Promotion Research and Evaluation. Cornell University. Ithaca, New York. 1997:119–156.

Adams, Barry H., George C. Davis, and Kim L. Jensen. "Determinants of the Allocations of MPP Funds." In *Agricultural Commodity Promotion Policies and Programs*. Ferrero, Ackerman, and Nichols eds. National Institute for Commodity Promotion Research and Evaluation. Cornell University. Ithaca, New York. 1996:129–140.

Published Reports

McIntosh, Alex, George C. Davis, Rodolfo Nagaya, Jr., Jenna Anding, Cruz Torres, Karen Kubena, Ernesto Perusquia, Genevieve Yeley, and Wen You. "Parental Time, Role Strain, and Children's Fat Intake and Obesity-Related Outcomes." USDA Contractor and Cooperator Report No. 19. June 2006.

Published Abstracts of Peer Reviewed Presented Papers:

Lin, Ni, George C. Davis, and C. Richard Shumway. "Aggregation Without Separability: Tests of U.S. and Mexican Agricultural Production Data." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 80. No. 5. (December, 1998):1202.

Davis, George C. "Testing Aggregation in Meat Demand Without Separability: An Investigation with the Generalized Composite Commodity Theorem." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 80. No. 5. (December, 1998):1174.

Capps, Oral Jr., George C. Davis, David A. Bessler, and John P. Nichols. "A Quasi-Structural and Time-Series Evaluation of the Cotton Checkoff Program." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 79. No. 5. (December, 1997):1711.

Davis, George C. "The Logic of Testing Structural Change in Meat Demand: A Methodological Analysis and Appraisal." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 79. No. 5. (December, 1997):1720.

Davis, George C., and M. Cristina Espinoza. "Priors and Posteriors in Equilibrium Displacement Models." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 79. No. 5. (December, 1997):1724.

Davis, George C. "Product Aggregation Bias as a Specification Error in Demand Systems." *American Journal of Agricultural Economics*. Vol. 78. No. 5. (December, 1996):1387.

- Davis, George C., and William J. Hewitt. "Measuring the Quality of Imported Tobacco." *Southern Agricultural Economics Association Meetings. Journal of Agricultural and Applied Economics*. Vol. 28. No. 1. (July, 1996):214.
- Davis, George C. "Product Differentiation and Representative Agent Import Demand Systems: A Reconsideration and Rejoinder." *Southern Agricultural Economics Association Meetings. Journal of Agricultural and Applied Economics*. Vol. 27. No. 1. (July, 1995):332.
- Davis, George C., and Kim L. Jensen. "Two-Stage Utility Maximization and Import Demand Systems Revisited: Limitations and an Alternative." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 76. No. 5. (December, 1994):1251.
- Davis, George C. "The Optimal Announcement Lead of Agricultural Policies." *Southern Agricultural Economics Association Meetings. Journal of Agricultural and Applied Economics*. Vol. 26. No. 1. (July, 1994):320.
- Davis, George C., and Kim L. Jensen. "The Demand for U. S. Hardwood Lumber in Japan." *Southern Agricultural Economics Association Meetings. Journal of Agricultural and Applied Economics*. Vol. 25. No. 1. (July, 1993):288.
- Davis, George C., and Michael K. Wohlgenant. "Cross Sectional Estimation of Market Demand Elasticities for Natural Christmas Trees." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 73. No. 5. (December, 1991):1546.
- Davis, George C. "Announcement and Implementation Effects of Agricultural Policies." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 72. No. 5. (December, 1990):1376.
- Davis, George C., Michael E. Hammig, and C. Parr Rosson. "The Impact of a European Economic Community Vegetable Oils Tax on U.S. Soybean Exports." *American Agricultural Economics Association Meetings. American Journal of Agricultural Economics*. Vol. 68. No. 5. (December, 1986):1254.

Agricultural Experiment Station Publications:

Davis, George C., Oral Capps, Jr., David A. Bessler, James H. Leigh, John P. Nichols, and Ellen Goddard. "An Economic Evaluation of the Pork Checkoff Program." Texas A&M University. Texas Agricultural Experiment Station. Departmental Technical Report. (January, 2001). No. 01-1.

Capps, Oral, Jr., David A. Bessler, George C. Davis, John P. Nichols, Carl G. Anderson, and Edward G. Smith. "Economic Evaluation of the Cotton Checkoff Program." Texas A&M University. Texas Agricultural Experiment Station. Departmental Technical Report. No. 97-2.

Davis, George C., Daryll E. Ray, and Richard L. White. "Impacts of GATT and NAFTA on Major Agricultural Commodities." In *Tennessee Agri Science*, ed. Patricia Clark. 174(Spring, 1995):15-21.

Davis, George C., and Kim L. Jensen. "Two-Stage Profit Maximization and Import Demand with an Application to Japanese Hardwood Lumber Imports." SP-93-07, Department of Agricultural Economics and Rural Sociology, University of Tennessee.

Kim L. Jensen, and George C. Davis. "Japanese Demand for U.S. Hardwood Lumber." University of Tennessee, *Ag. Experiment Station Bulletin No. 683*. July, 1994.

Faculty Paper Series:

Davis, George C., Alan H. Love, and Rhonda K. Miller. "The Importance and Value of Meat Characteristics in Pork Consumption." *FP 02-05*. Department of Agricultural Economics. Texas A&M University.

Davis, George C., Ed. "Two Approaches to the Model Specification Problem in Econometrics." *FP 01-10*. Department of Agricultural Economics. Texas A&M University.

Park, Jaehong and George C. Davis. "The Theory and Econometrics of Health Information in Cross-Sectional Nutrient Demand Analysis." *FP 01-02*. Department of Agricultural Economics. Texas A&M University.

Davis, George C. "The Formal Logic of Testing Structural Change in Meat Demand: A Methodological Analysis." *FP 97-11*. Department of Agricultural Economics. Texas A&M University.

Briggeman, B., O.C. Capps, Jr., and G.C. Davis. "Examining the Decision to Eat Fresh and Processed Pork At-Home and Away From Home." October 2003, 2006.

Popular Press:

- “A&M Study Finds That Parents Play Vital Role in Kids' Weights.” (2006). *The Bryan-College Station Eagle Newspaper*. Saturday, August 19, 2006. Obtainable at http://www.theeagle.com/stories/081906/health_20060819035.php.
- “More Time Mom With Child, Less Fat Risk.” (2006). Retrieved August 11, 2006, from *United Press International Website*: <http://www.upi.com/consumerhealthdaily/view.php?StoryID=20060811>.
- “Mother’s Company Helps Children Reduce Obesity Risk.” (2006). Retrieved August 11, 2006, from *All Headline News Website*: <http://www.allheadlinenews.com/articles/7004509711>.
- “Parental Time Key in Fight Against Childhood Obesity: Study.” (2006). Retrieved August 16, 2006, from *Medical News Today Website*: <http://www.medicalnewstoday.com/medicalnews.php?newsid=49415>.
- “Quantity and Quality of Time Parents Spend with Their Children Affect Childhood Obesity.” (2006). Retrieved August 14, 2006, from *NutritionHorizon.com Web site*: http://www.nutritionhorizon.com/newmaker_article.asp?idNewsMaker=11778.
- “Time with Mom Equals Healthy Weight in Kids.” (2006). Retrieved August 15, 2006, from *Nubella: Health and Nutrition.com Website*: <http://www.nubella.com/content/view/2126/45>.
- “Child Obesity and Parents.” (2006). Retrieved August 11, 2006, from *eMaxHealth.com Website*: <http://www.emaxhealth.com/109/6962.html>.
- “Parental Time is Key in Fight Against Childhood Obesity.” (2006). Retrieved August 16, 2006, from *SheKnows.com Website*: <http://sheknows.com/about/look/7398.htm>.
- “Study Finds Parental Time to be Key in Fight Against Childhood Obesity.” (2006). Retrieved August 11, 2006, from *AgNews: News and Public Affairs*. Texas A&M University System Agriculture Program Website: <http://agnews.tamu.edu/dailynews/stories/AGPR/Aug1006b.htm>.
- “Study Finds Parental Time to be Key in Fight Against Childhood Obesity.” (2006). Retrieved August 11, 2006, from *Southwest Nebraska News Website*: <http://www.swnebr.net/newspaper/cgi-bin/articles/articlearchiver.pl?158930>.
- “Mom Helps Kids Fight Obesity Better Than Dads.” (2006). Retrieved August 11, 2006, from *NewKerala Online Newspaper, India Website*: <http://www.newkerala.com/news4.php?action=fullnews&id=5559>.
- “Mother’s Company with Children Reduces Risk of Obesity: Study.” (2006). Retrieved August 11, 2006, from *The Hindu News Update Service Website*: <http://www.hindu.com/thehindu/holnus/008200608111140.htm>.

“Mother’s Company with Children Reduces Risk of Obesity: Study.” (2006). Retrieved August 11, 2006, from *China View Website*: http://www.xinhuanet.com/english/2006-08/11/content_4949392.htm.

“Study Puts Wrap on Christmas Trees.” *The Knoxville News Sentinel*, December 17, 1992.

“Holiday Harvest: Christmas Tree an Unusual Crop for Growers, Researchers.” *University of Tennessee Agriculture*. November/December, 1992.

Peer Reviewed Presentations:

Davis, George C. and Wen You. “The Cost of Time in Food Preparation at Home: General and Food Stamp Profiles” Paper presented at the *International Association of Time Use Research XXVIII Conference*. Washington, DC October 17-19, 2007.

Davis, George C. and Wen You. “Childhood Obesity: Does the Quality of Parental Time Matter?” Paper presented at the *International Association of Time Use Research XXVIII Conference*. Washington, DC October 17-19, 2007.

You, Wen and George C. Davis. “Household Food Expenditures, Parental Time Allocation, and Childhood Obesity: An Integrated Approach and Empirical Application.” Paper presented at the *American Agricultural Economics Association Annual Meeting*. Portland, Oregon. July 2007.

Kyureghian, Gayaneh, Rudolfo Nayga, Biing-Hwan Lin and George C. Davis. “Food Away From Home Consumption and Obesity: An Analysis by Service Type and by Meal Occasion.” Paper presented at the *American Agricultural Economics Association Annual Meeting*. Portland, Oregon. July. 2007.

Stockton, Matt, George C. Davis, and Ryan Kounetsron. “Yes There is an Aggregate Meat Demand System: Revisiting Tests of Separability and the Generalized Composite Theorem in a Consistently Aggregated Demand System.” Paper presented at the *American Agricultural Economics Association Annual Meeting*. Long Beach, California. July 23-26, 2006.

Davis, George C. and Wen You. “The Cost of Time in Food Preparation at Home: General and Food Stamp Profiles” Paper presented at the *American Agricultural Economics Association Annual Meeting*. Long Beach, California. July 23-26, 2006.

You, W., George C. Davis, Rudolfo M. Nayga, and Alex McIntosh. “Parental Time Allocations, Incomes, Role Conflicts, and Children’s Obesity Measures.” Paper presented at the *American Agricultural Economics Association Annual Meeting*. Providence, Rhode Island. July 24-27, 2005.

McIntosh, W.A, C.C. Torres, G.C. Davis, R.M. Nagaya Jr., J. Anding, and K. Kubena. “Work

Spillover, Work Schedule Inflexibility and Irregularity, and Food Habits and Obesity.” American Sociological Association Annual Meeting, San Francisco, California, August 17, 2004.

Griffin, W.L., G.C. Davis, and K.D. Rosette-Valencia. “Recreation Demand of Red Snapper with Emphasis on the significance of Time Variables and Cross-Equation Coefficients.” Annual MARFIN Conference, Tampa, FL, January, 2002.

Bryant, H. and George C. Davis. “Accounting for Model Specification Uncertainty with a Classical Model Averaging Procedure.” Paper presented at the *American Agricultural Economics Association* Annual Meeting. Chicago, Illinois. August 5–8, 2001.

Davis, George C. “The Confirmation and Falsification of Equilibrium Displacement Models.” Paper presented at the *American Agricultural Economics Association* Annual Meeting. Chicago, Illinois. August 5–8, 2001.

Jakus, Paul M., Kim L. Jensen, and George C. Davis “Revenue Impacts of MPP Branded Funds: A Firm Level Analysis.” Paper presented at the *American Agricultural Economics Association* Annual Meeting. Tampa, Florida. July 30–August 2, 2000.

Davis, George C. “A Semantic Interpretation of Haavelmo’s Structure of Econometrics.” Paper presented at the *History of Economics Society* Annual Meeting. Greensboro, North Carolina. June 26–29, 1999.

Espinoza, M. Cristina and George C. Davis. “The Aggregation Problem in Promotion Evaluation.” Paper presented at *Southern Agricultural Economic Association* Conference. Memphis, Tennessee. February 2, 1999.

Espinoza, M. Cristina and George C. Davis. “A Comparison of Alternative Rate of Return Formulas for Market Promotion.” Paper Present at NEC–63 Fall Meeting. Tempe, Arizona. October 5–6, 1998.

Yian, Jian, George C. Davis, and David J. Leatham. “Impact of Interest Rate Swaps on Corporate Capital Structure: An Empirical Investigation.” Paper Presented at NC–221 Annual Meeting. Denver, Colorado. October 6–7, 1998.

Davis, George C., and Jean Gauger. “Testing Aggregation Bias in Monetary Demand Systems.” Paper presented at *Southern Economic Association* Conference. Washington, D.C., November 23–25, 1996.

Davis, George C., and Jean Gauger. “The Distance Function as a Means to Test Aggregation Bias.” Paper presented at *Western Economic Association* Conference. San Francisco, California. June 28–July 2, 1996.

Davis, George C., and Jean Gauger. “A Comparison of Substitution Measures for Monetary Assets.” Paper presented at the *Western Economic Association* Conference. June 30–July 3.

1994.

Cottrell, Nancy H., and George C. Davis, "Some Theoretical and Empirical Notes on the Armington Model." Paper presented at the *Western Agricultural Economics Association* Annual Meeting. July 7–10 1991.

Invited Presentations:

Davis, George C. and Wen You. "Childhood Obesity: Does the Quality of Parental Time Matter?" Presentation given at Department of Agricultural and Resource Economics. North Carolina State University. Raleigh, NC. November 13, 2007.

You, Wen and George C. Davis. "Household Food Expenditures, Parental Time Allocation, and Childhood Obesity: An Integrated Approach and Empirical Application." Presentation given at Department of Economics. Iowa State University. Ames, IA. November 8, 2007.

Davis, George C. and Wen You. "Childhood Obesity: Does the Quality of Parental Time Matter?" Presentation given at Obesity Research Group Meeting. Virginia Tech. Blacksburg, VA. October 23, 2007.

Davis, George C. and Wen You. "Childhood Obesity: Does the Quality of Parental Time Matter?" Presentation given at Department of Applied Economics and Statistics. Clemson University. Clemson, SC. October 5, 2007.

Davis, George C. and Wen You. "Childhood Obesity: Does the Quality of Parental Time Matter?" Presentation given at Department of Economics. Texas A&M University. College Station, Tx. March 28, 2007.

Davis, George C. "Where is the Threshold? Estimation of the Money-Time Poverty Threshold for Food Stamp Participants." Presentation given at USDA Economic Research Service. Washington, D.C. October 30, 2006.

Davis, George C. "Parental Time and Income Allocations, and Children's Obesity Outcome Measures." Presentation given at Department of Agricultural and Applied Economics. Virginia Tech University. Blacksburg, Va. August, 25, 2006.

Davis, George C. "Parental Time Allocations, Role Conflicts, and Children's Dietary Intake and Outcome Measures." Presentation given at University of Kentucky. Lexington, Ky. February 18, 2005.

Davis, George C. "The Importance and Value of Meat Characteristics in Pork Consumption." Presentation given at the 2004 Reciprocal Meat Conference. Lexington, Ky. June 23-25, 2004.

Davis, George C. "Collective Efficiency and Collective Tension in Check-off Promotion Programs." Presentation given at NEC-63 Spring Meeting. Baltimore, MD. March 25–26,

2004.

McIntosh, A. and G.C. Davis. "Parental Time, Employment, and Obesity." Presentation given at USDA/ERS Food Assistance Research: Recent Findings and Emerging Issues Conference. Washington, DC. March 3–4, 2004.

Davis, George C. "Integrating Economic and Behavioral Theories of the Household: Implications for Food and Nutritional Choices." *Texas Science Partnership Meeting*. Texas A&M University. September 25, 2002.

Rosette, Karla, George C. Davis, and Wade Griffin. "An Assessment for the Recreational Demand for Gulf of Mexico Red Snapper." *Marine Fisheries Initiative 13th Annual Conference*. Tampa, Florida. January 16-17, 2002.

Davis, George C. "The Probabilistic Approach to the Model Specification Problem: Discussion." *American Agricultural Economics Association Annual Meetings*. Chicago, Illinois. August 5–8, 2001.

Nichols, John and George C. Davis "Empirical Distribution Results: Where Are We And Where Can We Go?" Presentation given at the NEC–63 Conference, Washington, D. C. March 22, 2001.

Davis, George C. "Does Consistent Aggregation Really Matter?" Presentation given at Department of Agricultural and Applied Economics, Clemson University. Clemson, South Carolina. August 7, 2000.

Shumway, C. Richard and George C. Davis. "Does Consistent Aggregation Matter?" Presentation given at the *Australian Agricultural and Resource Economics Society Meetings*. Sydney, Australia. January 23–25, 2000.

Davis, George C. "The Science and Art of Promotion Evaluation." Presentation given at NEC–63 Spring Meeting. Washington, D.C. March 29–30, 1999.

Davis, George C. "Aggregation Without Separability: Tests of U.S. and Mexican Agricultural Production Data." Presentation given at Department of Applied Economics and Statistics, University of Nevada at Reno. Reno, Nevada. January 22, 1999.

Davis, George C. "Testing the Generalized Composite Commodity Theorem." Presentation given at the Department of Agricultural Economics, Texas A&M University. College Station, Texas. April 30, 1998.

Davis, George C. "The Market Access Program: An Export Assistance Program for Small

Agribusiness Firms.” Presentation given to Texas Wine and Grape Growers’ Annual Conference. Messina Hof Winery. College Station, Texas. June 8, 1997.

Davis, George C. “An Economic Evaluation of the Cotton Checkoff Program.” Presentation given at the Department of Agricultural Economics. Clemson University. Clemson, South Carolina. December 17, 1996.

Davis, George C., and Jean Gauger. “Testing Aggregation Bias in Demand Systems: An Application to Monetary Asset Demand.” Presentation given at the Department of Economics, Washington University of St. Louis. St. Louis, Missouri. November 25, 1996.

Davis, George C. “What Do We Know About Intra–Industry Trade in Processed Food?: Discussion.” Presentation given at IATRC Symposium on Global Markets for Processed Food: Theoretical and Practical Issues. University of Minnesota. Minneapolis, Minnesota. June 28–29, 1996.

Davis, George C., and Kim L. Jensen. “A Preliminary Analysis of Participation in The MPP.” Presentation given at the U. S. A. Export Development Council’s annual meeting. Baltimore, Maryland. November 15–17, 1995.

Davis, George C. “Impacts of GATT and NAFTA on Major Agricultural Commodities.” Presentation given at Annual Tennessee Agricultural Policy Conference. Miland, Tennessee. Spring 1994.

Professional Honors and Awards

Major Advisor for 2006 American Agricultural Economics Association Outstanding Dissertation Award. Awarded to Wen You for her dissertation “Parental Time and Children’s Obesity Measures: A Theoretical and Empirical Investigation.”

Outstanding Alumnus North Carolina State University, Department of Agricultural and Resource Economics. 2001.

Excellence in Teaching at the Graduate Level Award. Department of Agricultural Economics. Texas A&M University. 1996–97.

Outstanding Faculty Member Under Ten Years Award. Department of Agricultural Economics, University of Tennessee. 1995.

TEACHING

Class Descriptions

Consumer Demand Analysis for Food and Fiber, AGEC 635. Springs 2004–2006

Department of Agricultural Economics. Texas A&M University. Specification, estimation and interpretation of models of consumer behavior with emphasis related to farm economy and food commodities; building and evaluating food consumption models.

Agricultural Price Analysis, AGEC 447. Summer 1999 and Falls 1999–2005.

Department of Agricultural Economics. Texas A&M University. Theoretical and statistical analysis of agricultural prices, including technical and fundamental analysis and arbitrage over space, time, and form.

Advanced Demand Analysis for Food and Fiber, AGEC 685 (A Readings Class). Falls 1998–2000.

Department of Agricultural Economics. Texas A&M University. Specification, estimation and interpretation of models of consumer behavior with emphasis related to farm economy and food commodities; building and evaluating food consumption models.

Applied Econometric Methods in Agricultural Economics, AGEC 661. Summers 1996 – 1998, Springs 1999–2003.

Department of Agricultural Economics. Texas A&M University. Single and multivariate methods of estimating linear and non-linear statistical models, qualitative and limited dependent variable models, time series analysis and hypothesis testing. Emphasis is on implementing theoretical models, specification, and hypothesis testing.

Agricultural Marketing Analysis, AGEC 414, Spring 1997.

Department of Agricultural Economics. Texas A&M University. Emphasized learning the tools of marketing management, especially for value-added products. Course covered situational analysis, marketing strategies and programs, and coordination and control of marketing operations.

Advanced Quantitative Methods, AGEC 620, Springs 1993–1995.

Department of Agricultural Economics and Rural Sociology, University of Tennessee. Introduction to non-linear econometric modeling. Course covered single and multivariate methods of estimating non-linear statistical models and hypothesis testing. Emphasized implementing theoretical models and testing hypotheses.

Research Methodology, AGEC 520, Fall 1994 and 1995.

Department of Agricultural Economics and Rural Sociology, University of Tennessee. Introduced the research method and methodology in science. Emphasized the hypothetico-deductive method most commonly used in economics. Methodology emphasis was on an introduction to the philosophy of science and the philosophies of Hume, Mill, Duhem, Popper, Lakatos, and Kuhn, among others.

Introduction to Agricultural Economics, AGEC 210, Fall 1992 and 1993.

Department of Agricultural Economics and Rural Sociology, University of Tennessee. Lectures emphasized the principles of micro and macroeconomics as applied to agricultural markets. Homework, tests and quizzes all emphasized fundamentals of micro and macroeconomics applied to agricultural markets.

International Agricultural Trade and Marketing, AGEC 420, Falls 1993–1995.

Department of Agricultural Economics and Rural Sociology, University of Tennessee. Course emphasized fundamentals of real and monetary international trade theory and procedural aspects of international marketing.

Introduction to Economics, EC 201, Fall 1989–Spring 1991.

Department of Economics, North Carolina State University. Lectures emphasized the principles of micro and macroeconomics. Homework, tests, and quizzes all emphasized fundamentals of micro and macroeconomics applied to agricultural markets.

Graduate Students Advised–Chair

Perusquia, Ernesto. Ph.D. student at Texas A&M University. Title: “Household Financial Structures and Food Consumption.” Graduated August 2006.

You, Wen. Ph.D. student at Texas A&M University. Title: “Parental Time and Children’s Obesity Measures: A Theoretical and Empirical Investigation.” Graduated December 2005.

Bakhtavoryan, Rafael. M.S. student at Texas A&M University. Title: “Endogenous Variables and

Weak Instruments in Cross-sectional Demand Analysis: A Comparison of Solutions.”

Graduated December, 2003.

Rosette, Karla. Ph.D. student at Texas A&M University. Title: “An Assessment of Recreational Demand for Gulf of Mexico Red Snapper with Income and Time Constraints.” Graduated August, 2002.

Espinoza, Cristina. Ph.D. student at Texas A&M University. Title: “A Comparison of Alternative Methods of Estimating Rates of Returns to Promotion.” Graduated August, 2002.

Turner, Stephanie E. “Analysis of Fiscal and Monetary Impacts on Wheat Exports to Japan.” Unpublished M.S. Thesis, University of Tennessee. Graduated in December 1994 from the University of Tennessee.

Adams, Barry H. “The USDA Market Promotion Program: A Study of Funds Allocation and the Use of Export Assistance Services by Participants.” Unpublished M.S. Thesis, University of Tennessee. Graduated in August 1996.

Graduate Students Advised–Committee Member

University of Tennessee

Russell Dabbs (Economics Department)

Jon Ann Flemmings

Texas A&M University

Economics Department

Lance Bachemeire

Insik Min

Agricultural Economics Department

Armen Asatryan Matt Stockton

Brian Briggeman Jian Yang

Shuguo Dai Zijun Wang

Asim Khan Garen Evans

Sung-Yong Kim Geoff Pofahl

Ni Lin

Jaehong Park

Professional Service

Co-Editor. *Journal of Agricultural and Resource Economics*. 2007-2009.

Editorial Council,

American Journal of Agricultural Economics 2004–2007.

Journal of Agricultural and Resource Economics. 2003–2006.

Journal of Agricultural and Applied Economics. 1992–1995, 1997–2000.

WAEA Council Member. 2000–2001.

AAEA Master's Thesis Awards Committee 1996–1998. Chair 1998.

Chair Elect of Regional Project (S–256): An Evaluation of International Markets for Southern Commodities. 1994. Organizer of National Symposium in November of 1997, entitled *Trade, Policy, and Competition: Forces Shaping American Agriculture*

Panel Member, USDA National Research Initiative (*NRI*) Health and Obesity. 2005-2007.
USDA National Research Initiative (*NRI*) Markets and Trade. 1993.

Outside Reviewer:

USDA National Research Initiative (*NRI*) Markets and Trade. 1995, 2001.

USDA Food and Nutrition Assistance Program (*FANRP*). 2001. 2005.

Topic Leader:

2002 Selected Papers in Research Methods, Econometrics, and Statistics, *AAEA* Meetings and *WAEA* Meetings.

1999 Selected Papers in International Trade, *SAEA* Meetings.

1997 Selected Papers in International Trade, *SAEA* Meetings.

1995 Selected Papers in Marketing, *SAEA* Meetings.

1993 Selected Papers in International Trade, *AAEA* Meetings.

Meetings Reviewer and Moderator:

1993–2003 Selected Papers in Demand Analysis, Econometrics, and International Trade
AAEA Meetings and *SAEA* Meetings.

1999-2003 Selected Papers in Demand Analysis, Econometrics, and International Trade
WAEA Meetings.

Journal Reviewer:

Economic Journals:

American Economic Review.
Applied Economics.
Economic Inquiry.
Empirical Economics.
International Economic Review.
International Review of Economics and Finance.
Journal of Applied Econometrics.
Journal of Business and Economic Statistics.
Resources and Energy Economics.
Southern Economic Journal.
The Scandinavian Journal of Economics.

Agricultural Economic Journals:

Agribusiness: An International Journal.
Agricultural Economics.
Agricultural and Resource Economics Review.
American Journal of Agricultural Economics.
Australian Journal of Agricultural and Resource Economics.
Canadian Journal of Agricultural Economics.
European Review of Agricultural Economics.
Journal of Agricultural and Applied Economics.
Journal of Agricultural and Resource Economics.
Water Resources Research.

Professional Affiliations

American Economics Association
American Agricultural Economics Association
Gamma Sigma Delta
Western Agricultural Economics Association

University and Departmental Service

Research Advisory Committee
Seminar Committee Chair
Faculty Evaluation Committee
Department Head Search Committee
College International Agricultural Travel and Curriculum Development Grants Selection
Committee (2001, Chair 2002)
Graduate Advisory Committee (Chair 2000–2001)
Faculty Advisory Committee (Elected by Faculty)
Marketing Prelim Committee
Qualifier Committee (Chair 2005-2007)
Research and Publications Award Committee
Strategic Opportunities Committee
Undergraduate Advisory Committee