



**Ellis Anthon Eff**

Box X050  
Middle Tennessee State University  
Murfreesboro, Tennessee 37132

Phone: (615)898-2387  
FAX: (615)898-5045  
e-mail: [eaeff@mtsu.edu](mailto:eaeff@mtsu.edu)  
<http://www.mtsu.edu/~eaeff>

**Research Interests**

- Regional Economics
- Productivity/Efficiency
- History of Economic Thought
- Economic Anthropology/Sociology

**Current Courses**

**Graduate**

- Econometrics
- History of Economic Thought

**Undergraduate**

- Principles of Macroeconomics
- Principles of Microeconomics
- Urban and Regional Economics
- History of Economic Thought

**Degrees**

**Ph.D. in Economics**, University of Texas at Austin, Austin, Texas, 1989. Dissertation Title:  
*Thorstein Veblen's Paradox of Development and Manufacturing Productivity in US Metropolitan Areas, 1958-1977*

**B.A. in Anthropology**, University of Louisville, Louisville, Kentucky, 1981.

**Positions**

**Associate Professor**, Department of Economics and Finance, Middle Tennessee State University, Murfreesboro, Tennessee, August 1999 to present.

**Assistant Professor**, Department of Economics and Finance, Middle Tennessee State University, Murfreesboro, Tennessee, July 1990 to July 1999.

**Research Associate**, Bureau of Business Research, University of Texas at Austin, Austin, Texas, April 1989 to May 1990.

**Instructor**, Department of Economics, Austin Community College, Austin, Texas, January, 1988 to May, 1990.

**Assistant Instructor**, Department of Economics, University of Texas at Austin, Austin, Texas September, 1986 to May, 1988.

*Journals*

- Eff, E. Anthon, and Christopher C. Klein. 2010. "What Can We Learn from Education Production Studies?" *Eastern Economic Journal* (forthcoming)
- Eff, E. Anthon. 2009. "A Scale for Markets and Property in the Societies of the Standard Cross-Cultural Sample: a Linear Programming Approach." *World Cultures*. (forthcoming)
- Eff, E. Anthon and Malcolm M. Dow. 2009. "How to Deal with Missing Data and Galton's Problem in Cross-Cultural Survey Research: A Primer for R." *Structure and Dynamics: eJournal of Anthropological and Related Sciences*: Vol. 3: No. 3, Article 1. ([Link](#))
- Njoroge, Phillip Kamau and E. Anthon Eff. 2009. "The Environment of Microfinance Institutions: The Role of Economic Freedom." *Journal for Economic Educators*. 9(1):42-47. ([Link](#))
- Dow, Malcolm M, and E. Anthon Eff. 2009. "Multiple Imputation of Missing Data in Cross-Cultural Samples." *Cross-Cultural Research* 43(3):206-229. ([Link](#))
- Dow, Malcolm M, and E. Anthon Eff. 2009. "Cultural Trait Transmission and Missing Data as Sources of Bias in Cross-Cultural Survey Research: Explanations of Polygyny Re-examined." *Cross-Cultural Research*.43(2):134-151. ([Link](#))
- Eff, E. Anthon. 2008. "Weight Matrices for Cultural Proximity: Deriving Weights from a Language Phylogeny." *Structure and Dynamics: eJournal of Anthropological and Related Sciences*. Vol. 3, No. 2, Article 9. ([Link](#))
- Hooper, Zol Alexei, and E. Anthon Eff. 2008. "Social Mobility in the United States as a Markov Process." *Journal for Economic Educators*. 8(1):15-37. ([Link](#))
- Dow, Malcolm M., and E. Anthon Eff. 2008. "Global, Regional, and Local Network Autocorrelation in the Standard Cross-Cultural Sample." *Cross-Cultural Research*. 42(2):148-171. ([Link](#)).
- Eff, E. Anthon, and Steven G. Livingston. 2007. "Is there a Rural/Urban Export Gap?" *Journal of Regional Science*. 47(2):339-363. ([Link](#))
- Eff, E. Anthon. 2004. "Does Mr. Galton Still Have a Problem?: Autocorrelation in the Standard Cross-Cultural Sample." *World Cultures*. 15(2):153-170. ([Link](#))
- Eff, E. Anthon. 2004. "An Endogenous Measure of Class Participation." *Journal of Economics and Finance Education* 3(1):38-47. ([Link](#))
- El-Temtamy, Osama, Tony Eff, Alfred Cripps. 2002. "Bankruptcy Prediction: How Good are Neural Networks?" *International Journal of Business and Management* 2(1):47-54.
- Eff, E. Anthon. 1999. "Myrdal *contra* Ohlin: Accounting for the Sources of U.S. County Per Capita Income Convergence Using a Flexible Decomposition Approach." *Review of Regional Studies* 29(1):13-36. ([Link to prepublication copy](#))
- Eff, E. Anthon. 1998. "An Improved Technique for Obtaining Sub-State Quarterly Income Estimates." *Review of Regional Studies* 28 (2):91-103. ([Link to prepublication copy](#))

Eff, E. Anthon. 1989. "History of Thought as Ceremonial Genealogy: The Neglected Influence of Herbert Spencer on Thorstein Veblen." *Journal of Economic Issues*, 23(September):689-716. ([Link](#))

#### *Book Chapters/Sections*

Eff, E. Anthon and Malcolm M. Dow. 2010. "Market integration and pro-social behavior." To appear in Robert C. Marshall, Editor. *Cooperation in Economic and Social Life*. Society for Economic Anthropology Monographs Vol 26. AltaMira Press: Walnut Creek, CA.

Eff, E. Anthon. 2004. "Francis Place." in *Biographical Dictionary of British Economists*. Edited by Donald Rutherford. London: Thoemmes Press.

Reprint of Eff, 1989 in *Thorstein Veblen: Critical Assessments. Volume 1: The Life of Thorstein Veblen and Perspectives on His Thought*. Edited by John Cunningham Wood. Pages 413-438. London: Routledge. 1993.

#### *Working Papers*

Eff, E. Anthon. *Cost Indices for Tennessee Local Education Providers: A Teacher Cost Approach*. MTSU Department of Economics and Finance Working Papers. June 2008. ([Link](#))

Eff, E. Anthon, and Malcolm M. Dow. *Do Markets Promote Prosocial Behavior? Evidence from the Standard Cross-Cultural Sample*. MTSU Department of Economics and Finance Working Papers. April 2008. ([Link](#))

Eff, E. Anthon, and Christa D. Jensen. *The Integration of Periodic Markets in Mayan Guatemala: A Gravity Approach*. MTSU Department of Economics and Finance Working Papers. April 2007. ([Link](#))

Eff, E. Anthon. *Migration Data and Matrix Methods: Deriving the Network of U.S. Central Places*. MTSU Department of Economics and Finance Working Papers. September 2005. ([Link](#))

Eff, E. Anthon. *Spatial, Cultural, and Ecological Autocorrelation in U.S. Regional Data*. MTSU Department of Economics and Finance Working Papers. September 2004. ([Link](#))

Eff, E. Anthon. *A Flexible-Weights School Effectiveness Index*. MTSU Department of Economics and Finance Working Papers. September 2004. ([Link](#))

Eff, E. Anthon. *Spatial and Cultural Autocorrelation in International Datasets*. MTSU Department of Economics and Finance Working Papers. February 2004. ([Link](#))

#### *Editor Reviewed Journals*

Eff, E. Anthon, and Emel C. Eff. 2002. "Sprawl-Inducing Migration in Tennessee: The Impact of Income and Price Differentials." *Tennessee Housing Outlook*. 4(1):14-17.

Eff, E. Anthon. 2001. "School Ratings: Effectiveness and Efficiency." *Tennessee's Business*. 10(3):2-7.

Eff, E. Anthon. 1999. "Tennessee Housing Quality and Housing Prices." *Tennessee Housing Outlook*. 4(1):2-7.

Eff, E. Anthon. 1998. "Growth in Middle Tennessee: Economic and Spatial." *Tennessee's Business*. 8(3):15-17.

Eff, Tony. 1998. " 1995-1996 Housing Growth in Tennessee Counties: Some National Comparisons Using the Building Permits Data." *Tennessee Housing Outlook* 3(Winter):7-12.

Eff, Tony, and Reuben Kyle. 1996. "Circle of Prosperity." *Business Perspectives* 9(Summer):1-7.

#### *Book Reviews*

Eff, Tony, and Kiyoshi Kawahito. 1992. *Japan's Software Factories* by Michael Cusumano. *Journal of Asian Studies* 51 (February):164-165.

#### *Economic Impact Studies*

Eff, E. Anthon, *Arts and the Economy*. Study conducted by MTSU's Business and Economic Research Center for Metropolitan Nashville Commission for the Arts and Nashville Area Chamber of Commerce, June 1998.

Eff, Tony, and Reuben Kyle, *Impact of Publisher Resources, Inc. Distribution Facility on the Nashville Economy*. Study conducted by MTSU's Business and Economic Research Center for Ingram Industries, March 1995.

Eff, Tony, and Reuben Kyle, *Impact of Ingram Micro Facility on the Shelby County Economy*. Study conducted by MTSU's Business and Economic Research Center for Ingram Industries, March 1995.

Eff, Tony, and Reuben Kyle, *Impact of Columbia's Headquarters on the Nashville Economy*. Study conducted by MTSU's Business and Economic Research Center for HealthTrust, December 1994.

Eff, E. Anthon, *The Economic Impact of Hillside Hospital on Giles County*. Study conducted by MTSU's Business and Economic Research Center for Community Health Systems Inc., October 1993.

#### *Other Reports*

Eff, E. Anthon. *Evaluating the Efficiency and Effectiveness of Tennessee Public School Districts*. Study conducted by MTSU's Business and Economic Research Center for the Tennessee Advisory Commission on Intergovernmental Relations. June, 2002. ([Link](#))

Eff, E. Anthon. *Indexing the Cost of Tennessee Education: a Teacher Cost Approach*. Study conducted by MTSU's Business and Economic Research Center for the Tennessee Advisory Commission on Intergovernmental Relations. May, 2002. ([Link](#))

Eff, E. Anthon. *Employment by Location: A Database for the 10 County Nashville Region*. A report commissioned by the Jennings and Rebecca Jones Chair of Excellence in Urban and Regional Planning, Jennings Jones College of Business, Middle Tennessee State University. April, 2002. ([Link](#))

DePrince, Albert, E. Anthon Eff, and Reuben Kyle. *An Economic Assessment of Rutherford County: Its Evolution and Prospects for the Future*. Study prepared for Industrial Development Board, Rutherford County, by the Business and Economic Research Center, Jennings A. Jones College of Business, MTSU. April 2001. ([Link](#))

Eff, E. Anthon. *Measuring the Efficiency and Effectiveness of Tennessee School Districts: A Data Envelopment Analysis Approach*. Study conducted by MTSU's Business and

Economic Research Center for the Tennessee Advisory Commission on Intergovernmental Relations. April 1999.

- Eff, E. Anthon. and Steven G. Livingston. *Internationalizing the Rural Southeast: Determinants of the Decision to Export*. Study funded by the Tennessee Valley Authority Rural Studies Center at the University of Kentucky. December 1998. ([Link](#))
- Eff, E. Anthon. *The Demand for a General Aviation Airport in Williamson County, Tennessee*. Study conducted by MTSU's Business and Economic Research Center for the Williamson County-Franklin Chamber of Commerce. March 1998.
- Eff, E. Anthon. *Impact of Demographic Change on Tennessee State Government Finances*. Study conducted by MTSU's Business and Economic Research Center for the Tennessee Advisory Commission on Intergovernmental Relations. Presented in December 1997 and published as pages 52-79 in a joint BERC-TACIR technical report March 1998: *The Evolution of Tennessee's Economy and Its Relationship to the State Revenue System*, by Reuben Kyle, Albert DePrince, and Tony Eff.
- Eff, E. Anthon. *Production, Demand, and Trade: IMPLAN-Generated Data for the Seven Regions of the Manufacturing Means Jobs Program*. Analysis of IMPLAN data conducted by MTSU's Business and Economic Research Center for the Tennessee State Government's Manufacturing Means Jobs Program. June 1997.
- Eff, Tony. *Household Income in the TVA Central Region*. Analysis of 1990 census data conducted by MTSU's Business and Economic Research Center for the Tennessee Valley Authority, March 1994.
- Eff, Tony. *Population Change in the TVA Central Region*. Analysis of 1990 census data conducted by MTSU's Business and Economic Research Center for the Tennessee Valley Authority, May 1993.
- Eff, Tony. *Outshopping in Mid-State Counties*. Study conducted by the Business and Economic Research Center for Rutherford County Chamber of Commerce, March 1992.

#### *Newspaper Publications*

- Eff, Tony. "Tennessee Gains from Global Economy." *The Tennessean* February 6, 1994.
- Eff, Tony. "North of the Border to See Plenty of NAFTA Benefits." *The Tennessean* February 6, 1994.
- Eff, Tony. "NAFTA to Benefit the U.S." Op-Ed piece on Tennessee Wire Service, September 1993.
- Eff, Tony. "Nashville Border Farther than You Think." *The Tennessean* February 7, 1993.
- Eff, Tony. "Low-Skill, High-Paying Jobs Lose Their Clout." *The Tennessean* February 7, 1993.

#### *Periodic Publications*

- Eff, Tony. *Mid-State Economic Indicators*. MTSU: Business and Economic Research Center. Fall 1990-Summer 1999. A quarterly four page report focusing on the Nashville-area economy, sent to over 3,000 persons from business, the media, and academia. Also available online: <http://www.mtsu.edu/~berc>

Eff, Tony. "MTSU/Business Nashville Economic Report" in *Business Nashville*. Fall 1993 – Spring 1997. A regular feature for this bimonthly Nashville-area magazine, the page presented charts and a brief analysis of the Mid-State economy.

#### *Conference Presentations*

Eff, E. Anthon, and Malcolm M. Dow. "Market Integration and Prosocial Behavior: Evidence from the Standard Cross-Cultural Sample." presented at *The Society for Economic Anthropology meeting, University of Cincinnati, Cincinnati, Ohio, April 3-April 5, 2008.* ([Link](#))

Eff, E. Anthon, Christopher C. Klein, and Reuben Kyle. "Identifying the Best Buys in U.S. Higher Education" presented at *The Academy of Economics and Finance meeting, Nashville, Tennessee, February 13, 2008.* ([Link](#))

Eff, E. Anthon. "Land Use Proximity in United States Urban Landscapes." presented at *The Bilateral Conference on Urban Land Resources. Middle Tennessee State University, Murfreesboro, Tennessee, November 19, 2007.* ([Link](#))

Eff, E. Anthon. "Veblen in the Metropolis: Land Use Proximity in United States Urban Landscapes." presented at *The 54th North American Regional Science Association International Conference. Savannah, Georgia, November 7-November 10, 2007.* ([Link](#))

Eff, E. Anthon, and Christa D. Jensen. "The Integration of Periodic Markets in Mayan Guatemala: A Gravity Approach." presented at *The 46th Southern Regional Science Association meeting, Charleston, South Carolina, March 29-31, 2007.* ([Link](#))

Eff, A. Emel, and E. Anthon Eff. "Places Rated: The Sensitivity of Ranks to Attribute Weights." presented at *The 46th Southern Regional Science Association meeting, Charleston, South Carolina, March 29-31, 2007.* ([Link](#))

Bullington, Matthew, and E. Anthon Eff. "Domestic Mexican Migration: A Gravity Model" presented at *The Academy of Economics and Finance meeting, Jacksonville, Florida, February 13, 2007.* ([Link](#))

Eff, E. Anthon. "The Pawn Shop in the Shopping Mall: Null Sets in United States Urban Landscapes." presented at *The Society for Economic Anthropology meeting, Dartmouth College, Hanover, New Hampshire, April 21-April 23, 2005.* ([Link](#))

Eff, E. Anthon. "Is Louisville Linked to Chicago or Atlanta?: Central Place Theory and Network Analysis." presented at *The 41<sup>st</sup> Missouri Valley Economic Association meeting, Nashville, Tennessee, October 15, 2004.*

Eff, Ellis. "Eliciting a Hierarchy of Regions: Network Analysis and Interregional Flows." presented at *The 100<sup>th</sup> Association of American Geographers' meeting, Philadelphia, Pennsylvania, March 18, 2004.*

Tansil, Olga Voloshenyuk, and Ellis Anthon Eff. "Foreign Direct Investment in Ukraine: Why So Little?" presented at *The Academy of Economics and Finance meeting, Biloxi, Mississippi, February 13, 2004.* ([Link](#))

Eff, Ellis Anthon, and Steven G. Livingston. "Is Rural Location an Obstacle to Exporting?" presented at *The Academy of Economics and Finance meeting, Biloxi, Mississippi, February 13, 2004.*

- Eff, E. Anthon. "On the Relationships of Regions: Network Analysis and Interregional Flows." presented at *The 42<sup>nd</sup> Southern Regional Science Association meeting, Louisville, Kentucky, April 11, 2003.*
- Eff, E. Anthon. "Getting a Detailed Spatial View of Employment: Geocoding the ES-202 Data." presented at *The 42<sup>nd</sup> Southern Regional Science Association meeting, Louisville, Kentucky, April 11, 2003.*
- El-Temtamy, Osama, Tony Eff, Alfred Cripps. "Bankruptcy Prediction: How Good are Neural Networks?" presented at *The Global Conference on Business and Management, Paris, France, July 5-7, 2002.*
- Eff, E. Anthon. "Does Mr. Galton Still Have a Problem?: Autocorrelation in the Standard Cross-Cultural Sample." presented at *The Southern Anthropological Society meeting, Nashville, Tennessee, April 8, 2001. ([Link](#))*
- Eff, E. Anthon. "Evaluating the Efficiency of Public School Districts Using Data Envelopment Analysis and Frontier Regression." presented at *The 40th Southern Regional Science Association meeting, Austin, Texas, April 6, 2001.*
- Eff, E. Anthon. "Commodification of Labor and Inter-Gender Occupational Differences: A Case Study of the United States." presented at *The Society for Economic Anthropology meeting, Bloomington, Indiana, April 21, 2000.*
- Eff, E. Anthon, and Emel C. Eff. "How Much Should a Teacher Cost?: Comparing Tennessee School Districts Using a Hedonic Housing Price Index" presented at *The 39th Southern Regional Science Association meeting, Miami, Florida, April 14, 2000.*
- Eff, E. Anthon, and Emel C. Eff. "Quantifying Sprawl: Commuting, Migration, and Affordable Housing" presented at *The 38th Southern Regional Science Association meeting, Richmond, Virginia, April 17, 1999. ([Link](#))*
- Eff, E. Anthon, and Steven G. Livingston. "Internationalizing the Rural Southeast: Rural Manufacturing and the Decision to Export" presented at *The 38th Southern Regional Science Association meeting, Richmond, Virginia, April 16, 1999.*
- Eff, E. Anthon, and Emel C. Eff. "Data Envelopment Analysis and County-Level Manufacturing Productivity" presented at *The 37th Southern Regional Science Association meeting, Savannah, Georgia, April 4, 1998. ([Link](#))*
- Eff, E. Anthon. "Evaluating State-Level Forecasts: A Gross State Product Example" presented at *The 37th Southern Regional Science Association meeting, Savannah, Georgia, April 4, 1998. ([Link](#))*
- Eff, E. Anthon, and Emel C. Eff. "Demographic Change and Fiscal Stress: An Analysis of U.S. States, 1988-1996" presented at *The Academy of Economics and Finance meeting, Montgomery, Alabama, February 12, 1998.*
- Eff, E. Anthon, and Emel C. Eff. "Determining Regional Rankings in Manufacturing Productivity: How Consistent are the Techniques?" presented at *The Academy of Economics and Finance meeting, Montgomery, Alabama, February 12, 1998.*
- Eff, Tony. "Average Earnings: A Technique for Obtaining Sub-State Quarterly Estimates" presented at *The Southern Regional Science Association meeting, Memphis, Tennessee, April, 1997.*

- Eff, Tony. "Estimating Sub-State Quarterly Personal Income" presented at *The Academy of Economics and Finance meeting, Lafayette, Louisiana, February, 1997.*
- El-Temtamy, Osama, Tony Eff, Alfred Cripps. "Bankruptcy Prediction: How Good are Neural Nets?" presented at *The Academy of Economics and Finance meeting, Lafayette, Louisiana, February, 1997.*
- Eff, E. Anthon. "Do Jupiter and Saturn Matter?: Testing Hypotheses from Financial Astrology." presented at *The Mid-South Academy of Economics and Finance meeting, Atlanta, Georgia, February 9, 1996.* ([Link](#))
- Eff, E. Anthon. "Urban-Rural Differences in Manufacturing Technology: U.S. Counties, 1992 and 1987" presented at *The Southern Regional Science Association meeting, San Antonio, Texas, April 20, 1995.*
- Eff, E. Anthon. "Accounting for Per Capita Income Growth in U.S. Regions: 1969-1990" presented at *The Southern Regional Science Association meeting, Orlando, Florida, April 8, 1994.*
- Eff, E. Anthon. "Occupational Characteristics in Local Economies: Factors Explaining Intergender Differences" presented at *The Southern Regional Science Association meeting, Orlando, Florida, April 8, 1994.*
- Eff, E. Anthon. "Inter-Racial Disparities in Household Income, a County-Level View of the U.S." presented at *The Mid-South Academy of Economics and Finance meeting, Nashville, Tennessee, February 12, 1994.*
- Eff, E. Anthon. "A County-Level Occupational-Functional View of U.S. Manufacturing, 1990." presented at *The Mid-South Academy of Economics and Finance meeting, Nashville, Tennessee, February 12, 1994.*
- Eff, E. Anthon. "Outlook for Tennessee." presented at *The Southern Regional Science Association meeting, Tyson's Corner, Virginia, April 6, 1993.*
- Eff, E. Anthon. "Gunnar Myrdal's View of Regional Income Growth: Consistent with the Evidence?" presented at *The Mid-South Academy of Economics and Finance meeting, Hot Springs, Arkansas, February 11, 1993.*
- Eff, E. Anthon. "The Concept of Institution in Thorstein Veblen and Clarence Ayres." presented at *The Association for Evolutionary Economics meeting, New Orleans, Louisiana, January 3, 1992.*

### Mentoring of Student Research

2009. Phillip Kamau Njoroge. *The Environment of Microfinance Institutions: The Role of Economic Freedom.* (McNair scholar's program mentor)
2009. Fang Yang. *Peer Effects and Dividend Policy.* (doctoral dissertation committee member)
2009. Amy Larpcharoen. *The Impact of Youth Employment and School-To-Work Programs on Criminal Behavior and Drug Use.* (doctoral dissertation committee member)
2008. Yixiu Zhou. *Three Essays on the Application of Quantile Regression in Real Estate Economics.* (doctoral dissertation committee member)

2008. Kalina Ferencei. *Comparison of Microfinance Programs in Bangladesh and South Africa*. (undergraduate honors thesis advisor)
2008. John M. Nunley. *Empirical Essays on Divorce and Child Investment*. (doctoral dissertation committee member)
2008. R. Alan Seals. *Essays in the Economics of Crime*. (doctoral dissertation committee member)
2007. Zol A. Hooper. *Social Mobility in the United States as a Markov Process*. (undergraduate honors thesis advisor)
2006. Mourcol Acut. *The Promise of Microfinance in Developing Africa*. (McNair scholar's program mentor)
2006. Matthew E. Bullington. *Domestic Migration Trends: The Case of Mexico*. (undergraduate honors thesis advisor)
2006. Christa D. Jensen. *Migration of Mayan Market Vendors in Guatemala: A Gravity Model*. (undergraduate honors thesis advisor)
2006. Hua Liu. *U.S. Trade Deficit, Productivity Growth, and Offshore Outsourcing*. (doctoral dissertation committee member)
2005. Christian Nsiah. *What Determines Exports of U.S. States: Distance or Location Factors?* (doctoral dissertation committee member)
2004. Max Melnikov. *Sorting Entrepreneurs Among Risky Businesses*. (doctoral dissertation committee member)
2004. Lynne C. Napatalung. *Locational Determinants of House Price in Davidson County*. (undergraduate honors thesis advisor)
2002. Rick Brooks. *The Impact of Out-of-State Students and Federal Research Grants in Higher Education on the Tennessee Economy*. (doctoral dissertation committee member)
2000. Di Meng. *Treatment Of Neglected Heterogeneity In Cross-Sectional Data Sets*. (doctoral dissertation committee member)
1995. Annabel Droussiotis. *Factors narrowing interethnic occupational differences. How important is education?* (doctoral dissertation committee member)
1995. Osama El-Temtamy. *Bankruptcy Prediction: A Comparative Study on Logit and Neural Networks*. (doctoral dissertation committee member)
1993. Xiancheng Lu. *Models of Completion Time for the Baccalaureate Degree*. (doctoral dissertation committee member)

### Professional Service and Associations

- Member, Society for Economic Anthropology
- Member, Southern Regional Science Association
- Member, International Network for Social Network Analysis
- Board of Editors, *Journal of Business Strategies*, 1992-1995.
- Board of Editors, *Journal of Economics and Finance*, 1999-2007.

- Board of Editors, *Tennessee Housing Outlook*, 1997-present.
- Member, *Nashville Metropolitan Planning Organization Socioeconomic Committee*, October 1998 - August 1999.
- Member, Bureau of Economic Analysis Users' Group, 1991 -present

#### **University Service and Awards**

- Department of Economics M.A. Coordinator: Summer 1993-Fall 1997
- Outstanding Honors Faculty 2000-2001

#### **Training**

- Frontiers of Spatial Regression, University of Illinois, Urbana-Champaign: Summer 2007