

August 2005

CURRICULUM VITAE  
Mukhtar M. Ali

PERSONAL

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EDUCATION

Ph.D. in Statistics (minor in Economics), University of Wisconsin, Madison, Wisc., USA, 1969

M.Sc. in Statistics, Calcutta University, India, 1963

B.Sc. (honors in Statistics), Calcutta University, India, 1961

HONORS AWARDED

Research Professor, Gatton College of Business and Economics, University of Kentucky, 1997-99

Ashland Oil Research Professor, College of Business and Economics, University of Kentucky, 1983- 1997.

Outstanding Paper, Kentucky Economic Association Meetings, 1993

Fulbright Scholarship, U.S.A., 1966-67.

Gold Medal on the performance in the M.Sc. Exam, Calcutta University, India, 1963.

National Scholar, India, 1961-63.

PROFESSIONAL EXPERIENCE

Professor of Economics, University of Kentucky, 1977-present.

Reader, Department of Applied Statistics & Operational Research, City Polytechnic of Hong Kong, 1991-1993.

Chairman, Department of Economics, University of Kentucky, 1986-1990.

Visiting Senior Fellow, National University of Singapore, 1984-1985.

Visiting Professor of Economics, University of Cincinnati, 1982.

Visiting Professor of Managerial Economics, Northwestern University, 1977-78.

Visiting Associate Professor of Econometrics, Graduate School of Business, University of Chicago, 1975-76.

Associate Professor of Economics, University of Kentucky, 1972-1977.

Assistant Professor of Economics, University of Kentucky, 1969-1972.

Graduate Assistant, University of Wisconsin, Madison, 1967-69.

Senior Lecturer of Statistics, University of Rajshahi, Rajshahi, Bangladesh, 1964-66.

#### MAJOR AREAS OF INTEREST

Time Series Analysis and Forecasting  
Econometric Methods and Modeling  
Finance - Portfolio and Investment Analysis

#### GRANTS AWARDED

National Institute of Drug Abuse: "Effective Media Strategies for Drug Abuse Prevention", 1998-2003. Co-Investigator. Principal Investigator: Philip Palmgreen and Co-Investigator: Lewis Donohew, Elizabeth P. Lorch, Rick H. Hoyle, Susan Morgan, and Mukhtar Ali.

National Institute of Drug Abuse: "Increasing the Effectiveness of Televised Anti-Drug PSAs", 1995-99. Co-Investigator. Principal Investigator: Lewis Donohew and Co-PI: Philip Palmgreen, Elizabeth P. Lorch, and Rick H. Hoyle.

CPHK Strategic Research Grant, 1992: An Econometric Analysis of Crime and Punishment. PI: Self

CPHK Small-Scale Research Grant, 1992: Robustness to Non-Normality of Standard Regression Tests. PI: Self

UK College of Business and Economics Grant Development Award, 1987. This is a competitive award based on faculty research proposals.

Ashland Oil Summer research grants, 1983 and 1985. This is a yearly competitive grant based on faculty research proposals from the College of Business and Economics.

USEPA Cooperative Agreement CR811056-01-0, with the University of Kentucky: "Develop A National Aggregate Benefit Estimate," 1983-85. Co-Investigator. Principal Investigator: Alan Randall and Co-PI: G. C. Blomquist and J. P. Hoehn.

Department of Environment, Commonwealth of Kentucky. Account No. 201-65-8F300-S5125. "Evaluate the Federal and State of Kentucky Regulations Regarding Statistical Tests Used for Calculating the Statistical Significance of Sampling Results from Groundwater Monitoring," 1983. Co-Investigator. PI: Randall McGee.

Kentucky Department of Revenue, Commonwealth of Kentucky. Account No. 201-65-8F300-S5070. "Coal Severance Tax Forecasting Project," 1982. PI: Self.

College of Business and Economics. "An Econometric Forecasting Model for the Commonwealth of Kentucky," 1982. PI: Self.

Energy Regulatory Commission, Commonwealth of Kentucky. Account No. 201-65-8F300-S4717. "Study of Electric Power Consumption," 1981. Co-Investigator. PI: Keith Johnson.

Kentucky Department of Revenue, Commonwealth of Kentucky. "Development and Completion of Kentucky State Income Tax Simulation," 1981. PI: Self.

Institute of Mining and Minerals Research (IMMR), University of Kentucky. "An Econometric Model for Coal Production and Distribution", 1979-81. Co-Investigator. PI: C. Harvey

Council of Economic Advisors, Commonwealth of Kentucky. "Research the Validity of Current Population Survey (CPS) Estimate of the Unemployment Rate in the Commonwealth of Kentucky," 1977. PI: Self.

### CONSULTING

To the University of Louisville on the study, "Portfolio Choice of Simulcast Races", 1996-97.

To the University of Louisville on the study, "The Demand for Parimutuel Wagering in Kentucky", 1990-1991.

To the University of Louisville on the study, "Impact of Lottery, Casino Gambling and Inter-Track Wagering on Horse Race Wagering in New Jersey", 1990-1991.

To the University of Louisville on the study, "Impact of Lottery on Attendance and Wagering at Designated Race Tracks in Kentucky and Ohio", 1990.

To Thalheimer Research Associates on the study, "Kentucky Utilities Short and Long-Term Sales Forecasting", 1990.

To Thalheimer Research Associates on the study, "Evaluation of Income Loss from Competition," 1988.

To Thalheimer Research Associates on the study, "A Required Cash Flow Projection and Economic Analysis of Coal Mines," 1988.

To Thalheimer Research Associates on the study, "An Economic and Financial Analysis of the Florida Thoroughbred and Quarter Horse Racetrack Industry," 1986-87.

To Thalheimer Research Associates on the review of "A Study of Competitive Penetration in the Kentucky Long Distance Market," 1986.

#### PUBLICATIONS OF MAJOR INTEREST

"Pari-mutuel Horse Race Wagering – Competition From Within And Outside the Industry", (with R. Thalheimer), a chapter in the *Handbook of Investments: Efficiency of Sports and Lottery Markets*, D. Hausch and W. Ziemba (eds.), Elsevier Science, Amsterdam, The Netherlands, forthcoming.

"The Relationship of Pari-Mutuel Wagering and Casino Gaming to Personal Bankruptcy", (with R. Thalheimer), Contemporary Economic Policy, vol. 22, no. 3 (July 2004), 420-432.

"The Demand for Casino Gaming" (with R. Thalheimer), Applied Economics, vol. 35 (2003), 907-918.

"OLS Bias and MSE in the Random Walk Model with a Constant Initial Value" (with Albert Tsui), Journal of Applied Statistical Science, vol. 11 (2002), no. 1, pp. 9-19.

"Product Choice for a Firm Selling Related Products: A Parimutuel Application" (with R. Thalheimer), Applied Economics, vol. 34 (2002), 1251-1271.

"Distribution of the Least Squares Estimator in a First-Order Autoregressive Model", Econometric Reviews, vol. 21, no. 1 (2002), 89-119.

"Effects of Tax Rates and Enforcement Policies on Taxpayer Compliance: A Study of Self-Employed Taxpayers" (with H. Wayne Cecil and James A. Knoblett), Atlantic Economic Journal, vol. 29, no. 2 (June 2001), 186-201.

"Probability Models on Horse Race Outcomes", Journal of Applied Statistics, vol. 25, no. 2 (1998), 221-229.

"Transportation Costs and Product Demand: Wagering on Parimutuel Horse Racing" (with R. Thalheimer), Applied Economics, vol. 29(1997), 529-542.

"Economic Analysis of Crime and Punishment: An Asian Case" (with H. W. Mui), Applied Economics Letters, vol. 4(1997), 261-265.

"Moments of Regression F-Statistics Under Non-Normality" (with S. C. Sharma), Communication in Statistics: Theory and Methods, vol. 25, no. 7 (1996), pp. 1631-1658.

"Robustness to Non-Normality of Regression F-Tests" (with S. C. Sharma), Journal of Econometrics, vol. 71 (1996), pp. 175-205.

"Intertrack Wagering and the Demand for Parimutuel Horse Racing" (with R. Thalheimer), Journal of Economics and Business, vol. 47 (1995), pp. 369-383.

"Exotic Betting Opportunities, Pricing Policies and the Demand for Parimutuel Horse Race Wagering" (with R. Thalheimer), Applied Economics, vol. 27 (1995), pp. 689-703.

"The Demand for Parimutuel Horse Race Wagering and Attendance with Special Reference to Racing Quality, and Competition from State Lottery and Professional Sports" (with R. Thalheimer), Management Science, vol. 41, no. 1 (Jan. 1995), pp. 129-143.

"Exact Distributions, Density Functions and Moments of the Least Squares Estimator in a First Order Autoregressive Model" (with A. K. Tsui), Computational Statistics and Data Analysis, vol. 17, no. 4 (May 1994), pp. 433-454.

"Robustness to Non-Normality of the Durbin-Watson Test for Autocorrelation" (with S. C. Sharma), J. of Econometrics, vol. 57, No. 1-3, May-June (1993), pp. 117-136.

"Demand for Parimutuel Horse Race Wagering with Special Reference to Telephone Betting" (with R. Thalheimer) Applied Economics, vol. 24 (1992), pp. 137-142.

"Numerical Computation of Exact Moments of the Least Squares Estimator in a First Order Stationary Auto-Regressive Model" (with A. K. Tsui), J. of Stat. Computation and Simulation, vol. 42 (1992), pp. 65-78.

"Approximations to the Distribution of the Least Squares Estimator in a First Order Stationary Autoregressive Model" (with A. K. Tsui), Communications in Statistics - Simulation and Computation, vol. 21, no. 2 (1992), pp. 463-484.

"Robustness to Non-Normality of the Null Distribution and Power of the Durbin-Watson Test in Regressions with and without an Intercept" (with S. C. Sharma), Journal of Statistical Computation and Simulation, vol. 42 (1992), pp. 93-105.

"Exact Moments of the Least Squares Estimator in a First-Order Non-Stationary Autoregressive Model" (with A.K.Tsui), Osaka Economic Papers, Vol. 40, No. 3-4 (March 1991), pp. 284-301.

"Tests for Autocorrelation and Randomness in Multiple Time Series," J. Am. Statist. Assn., Vol. 84, No. 406 (June 1989), pp. 533-540.

"Testing Slutsky Symmetry in Systems of Linear Demand Equations" (with J. L. Silver), Journal of Econometrics, Vol. 41 (1989), pp. 251-266.

"Distribution of Sample Mean When Observations Are Correlated," Commun. in Statist. - Theory and Meth., Vol. 16, No. 5 (1987), pp. 1321-1343.

"Durbin-Watson and Generalized Durbin-Watson Tests for autocorrelation and Randomness," J. of Bus. and Econ. Stat., Vol. 5, No. 2 (April 1987), pp. 195-203.

"Modeling the Demand for Durable Inputs: Distributed Lags and Causality," (with H. W. Mui and G. L. Bradford), Southern J. of Agr. Economics, Vol. 18, No. 2 (December 1986), pp. 273-279.

"Optimum Distribution-Free Tests and Further Evidence of Hetero-scedasticity in the Market Model: Comment-Reply" (with C. Giaccotto), Journal of Finance, Vol. 40, No. 2 (June 1985), p. 607.

"Tests for Equality between Sets of Coefficients in Two Linear Regressions under Heteroscedasticity" (with J. L. Silver), J. of Am. Stat. Assn., Vol. 80, No. 391 (1985), pp. 730-735.

"Additional Approximations to the Distribution of a Structural Coefficient Estimator for the Case of Two Included Endogenous Variables" (with J. L. Silver), Communication in Statistics - Theory and Methods Vol. 14, No. 6 (1985), pp. 1269-1282.

"A Study of Several New and Existing Tests for Heteroscedasticity in the General Linear Model" (with C. Giaccotto), J. of Econometrics, Vol. 26 (1984), pp. 355-373.

"Distributions of the Sample Autocorrelations When Observations Are from a Stationary Autoregressive-Moving-Average Process," J. of Bus. and Econ. Stat., Vol. 2, No. 3 (1984), pp. 271-278.

"An Approximation to the Null Distribution and Power Properties of the Durbin-Watson Statistic," Biometrika, Vol. 71, No. 2 (1984), pp. 253-261.

"A Note on Approximating the Distribution of the Durbin-Watson Statistic," J. of Time Series

Analysis, Vol. 4, No. 4 (1983), pp. 217-220.

"Stationarity Tests in Time Series Model Building" (with R. Thalheimer), Journal of Forecasting, Vol. 2, No. 3 (1983), pp. 249-257.

"Optimum Distribution-Free Tests and Further Evidence of Heteroskedasticity in the Market Model" (with C. Giaccotto), Journal of Finance, Vol. 27, No. 5 (1982), pp. 1247-1257.

"The Identical Distribution Hypothesis for Stock-Market Prices — Location and Scale Shift Alternatives" (with C. Giaccotto), Journal of Am. Stat. Assn., Vol. 77, No. 377 (1982), pp. 19-28.

"Comments on 'Elasticities - Science or Fiction?' by George Kouris," Energy Economics, Vol. 4 (April 1982), pp. 141-142.

"Estimation of Regression Models with ARMA Errors," Journal of Economics, Vol. V (1979), pp. 42-45.

"Analysis of Stationary Spatial-Temporal Processes: Estimation and Prediction," Biometrika, Vol. 66, No. 3 (December 1979), pp. 513-518.

"Some Evidence of the Efficiency of a Speculative Market," Econometrica, Vol. 47, No. 2 (March 1979), pp. 387-392.

"Time Series Analysis and Portfolio Selection: An Application to Mutual Savings Banks" (with R. Thalheimer), Southern Economic Journal, Vol. 45, No. 3 (January 1979), pp. 821-837.

"Analysis of ARMA Models - Estimation and Prediction," Biometrika, Vol. 64, No. 3 (December 1977), pp. 1-11. "Corrections," Biometrika, Vol. 65, No. 3 (December 1978), p. 677.

"Probability and Utility Estimates for Racetrack Bettors," Journal of Political Economy, Vol. 85, No. 4 (August 1977), pp. 803-816.

"A Spatial Model of the Banking Industry" (with S. I. Greenbaum), Journal of Finance, Vol. 32, No. 4 (September 1977), pp. 1283-1303.

"Monetary Policy and Banking Profits" (with S. I. Greenbaum and R. Merris), Journal of Finance, Vol. 31, No. 1 (March 1976), pp. 89-101.

"Stabilization Policy, Uncertainty and Instrument Proliferation" (with S. I. Greenbaum), Economic Inquiry, Vol. 14, No. 1 (March 1976), pp. 105-115.

"Stochastic Dominance and Portfolio Analysis," Journal of Financial Economics, Vol. 2, No. 2 (June 1975), pp. 1-25.

"Stochastic Ordering and Kurtosis Measure," Journal of Am. Stat.Assoc., Vol. 69, No. 346 (June 1974), pp. 543-545.

"Need Interest Rates on Bank Loans and Deposits Move Sympathetically?" (with S. I. Greenbaum), Journal of Finance, Vol. 29, No. 3, (June 1974), pp. 963-971.

"Entry, Control and the Market for Bank Charters" (with S. I. Greenbaum), Journal of Finance, Vol. 29, No. 2 (May 1974), pp. 527-535. "Errata," Journal of Finance, Vol. 30, No. 1 (March 1975), p. 226.

"Effect of Non-Normality on Inferences about Variance Components" (with G. C. Tiao), Technometrics, Vol. 13, No. 3 (August 1971), pp. 635-650.

"Analysis of Correlated Random Effects: Linear Model with Two Random Components" (with G. C. Tiao), Biometrika, Vol. 58, No.1 (1971), pp. 37-51.

#### OTHER PUBLICATIONS

"Probability Models on Horse Race Outcomes", American Statistical Association, 1994 Proceedings of the Statistics in Sports Section, pp. 180-185.

"Trends and Random Walks in Macroeconomic Time Series: A Reconsideration with an Exact Test", American Statistical Assn., 1990 Proceedings of the Business and Economic Statistics Section, pp. 202-208.

"Exact Moments of the Least Squares Estimator in a First Order Stationary Autoregressive Model" (with A. K. Tsui), 1990 Proceedings, Taipei Symposium in Statistics, pp. 539-554.

"Robustness to Non-Normality of Standard Regression Tests" (with S. C. Sharma), American Statistical Assn., 1989 Proceedings of the Business and Economic Statistics Section, pp. 132-136.

"Exact Moments of the Least Squares Estimator in a First-Order Non-Stationary Autoregressive Model" (with A. K. Tsui), American Statistical Assn., 1989 Proceedings of the Business and Economic Statistics Section, pp. 220-225.

"Robustness to Non-Normality of the Durbin-Watson Test for Auto-correlation" (with S. C. Sharma), American Statistical Assn., 1988 Proceedings of the Business and Economic Statistics Section, pp. 487-490.

"An Economic Analysis of the Demand for Wagering: A Case Study of the Florida Thoroughbred Racetrack Industry" (with R. Thalheimer), Gambling Research: Proceedings of the Seventh International Conference on Gambling and Risk Taking, Vol. 4: Quantitative Analysis and Gambling, edited by William R. Eddington, 1988, pp. 259-281.

"An Approximation to the Null Distribution and Power Properties of the Durbin-Watson and Generalized Durbin-Watson Statistics: Case of Non-Normal Errors" (with S. C. Sharma), American Statistical Assn., 1987 Proceedings of the Business and Economic Statistics Section, pp. 339-342.

"Specification of Mixed Stationary and Non-Stationary Autoregressive-Moving-Average Models," American Statistical Assn., 1986 Proceedings of the Business and Economic Statistics Section, pp. 183-186.

"Tests for Mean When Observations are Dependent and Non-Normal," American Statistical Assn., 1984 Proceedings of the Business and Economic Statistics Section, pp. 208-213.

"The Null Distribution and Power Properties of the Durbin-Watson Statistic," American Statistical Assn., 1983 Proceedings of the Business and Economic Statistics Section, pp. 243-248.

"Tests for Equality Between Sets of Coefficients in Two Linear Regressions under Heteroscedasticity" (with J. L. Silver), American Statistical Assn., 1983 proceedings of the Business and Economic Statistics Section, pp. 237-242.

Review of the book, Advances in Econometrics, edited by W. Hildenbrand. London: Cambridge University Press, 1982. Southern Economic Journal, 1983.

Review of the book, Analysis of Economic Time Series - A Synthesis by Nerlove, Grether and Carvelho. New York: Academic Press, 1979. Journal of Economics, 1980.

"A Theory of the Government Regulatory Process in Commercial Banking" (with S. I. Greenbaum), Compendium of Major Issues in Bank Regulation, Committee on Banking, Housing and Urban Affairs, U.S. Senate, 94th Congress, 1st Session (May 1975), U.S.G.P., pp. 1-41.

"Pubic Regulation in Commercial Banking" (with S.I. Greenbaum), Proceedings of a Conference on Banking Structure and Competition, Federal Reserve Bank of Chicago (June 1973), pp. 104-113.

#### REPORTS NOT INTENDED FOR PUBLICATION

"Derivation of the Theoretical Crosscovariance Function for Vector Autoregressive-Moving Average Models."

"Test for Mean When Observations Are Correlated" (with S. C. Sharma and R. L. Anderson), 1982, Department of Economics Working Paper No. E-47-82.

"An Econometric Forecasting Model for the Commonwealth of Kentucky," 1982.

"Covariance Estimation in Seemingly Unrelated Regression Equations," 1977.

"Subjective Estimates of Objective Probabilities in a High Incentive Situation," 1976.

"On a Theorem that Moving Average Processes are Closed under Addition," 1976.

"Stochastic Dominance, Efficiency Criteria, and Efficient Portfolios: The Multiperiod Case - A Simpler Proof," 1974.

"Specification, Estimation, and Discrimination of Models: An Application to the Demand for Dairy Products," System Formulation Methodology and Policy Workshop, Paper No. 6824, Social Systems Research Institute, University of Wisconsin, 1968.

#### SUBMITTED FOR PUBLICATION

#### RESEARCH IN PROGRESS WITH EXPECTED COMPLETION DATE

"Distribution of t-Ratio Test Statistic in a First-Order Autoregressive Model", May 2006.

"Distribution of t-Ratio Test Statistics in a Second-Order Autoregressive Model", May 2006.

#### PROFESSIONAL PAPER PRESENTATIONS

Southern Finance Association Annual Meeting, Key West, FL, November 2002.

European Association for the Study of Gambling, Barcelona, Spain, October 2002.

Western Economic Association International 77th Annual Conference, Seattle, Washington, July 2002.

71st Annual Conference of the Southern Economic Association Meetings, Tampa, FL, November 2001

15th Annual World Gaming Congress & Expo, Las Vegas, October 2001.

2nd International Equine Industry Program Academic Conference, Louisville, KY, June 2001.

Southern Finance Association Annual Meeting, Casa Marina, Key West, Florida, USA, November 1999.

74th Annual Western Economic Association International Conference, Sheraton Harbor Island, San Diego, Calif., USA, July 1999.

International Equine Industry Program Conference, Louisville, KY, USA, June 1999.

American Statistical Association Meetings, Dallas, TX, USA, August, 1998.

American Statistical Association Meetings, Anaheim, CA, USA, August, 1997.

American Statistical Association Meetings, Chicago, Illinois, USA, August, 1996.

American Statistical Association Meetings, Toronto, Canada, August, 1994.

Southern Economic Association Meetings, New Orleans, Louisiana, November, 1993.

ORSA/TIMS Meetings, Oct-Nov., 1993.

Kentucky Economic Association Meetings, October, 1993

3rd Annual Meetings of Midwest Econometric Group, Sept., 1993.

Department of Applied Statistics & Operational Research, City Polytechnic of Hong Kong, Hong Kong, June, 1993.

Department of Statistics, Hong Kong University, April, 1992.

Conference of the Operational Research Society of Hong Kong, May, 1992.

Southern Economic Association Meetings, Nashville, Tennessee, November, 1991.

Department of Economics & Finance, City Polytechnic of Hong Kong, November, 1991.

Department of Applied Statistics & Operational Research, City Polytechnic of Hong Kong, Hong Kong, October, 1991.

Econometric Society Meetings, Washington, D.C., December, 1990.

American Statistical Association Meetings, Anaheim, California, August, 1990.

American Statistical Association Meetings, Washington, D.C., August, 1989.

Kentucky Economic Association, Louisville, Ky, September, 1989.

American Statistical Association Meetings, New Orleans, LA, August, 1988.

Department of Economics, University of Illinois at Urbana-Champaign, November, 1988.

Department of Economics, University of North Carolina at Charlotte, December, 1987.

Graduate School of Business, University of Chicago, March, 1987.

Seventh International Conference on Gambling and Risk Taking, Reno, NV, August, 1987.

American Statistical Association Meetings, San Francisco, CA, August, 1987.

Econometric Society Meetings, New Orleans, LA, December, 1986.

American Statistical Association Meetings, Chicago, IL, August, 1986.

Department of Economics, University of Toledo, October, 1985.

Department of Economics, Rajshahi University, July, 1985.

Department of Statistics, Rajshahi University, July, 1985.

Department of Statistics, Dhaka University, July, 1985.

Department of Economics and Statistics, National University of Singapore, February, 1985.

American Statistical Association Meetings, Philadelphia, PA, August, 1984.

Econometric Society Meetings, San Francisco, CA, December, 1983.

NBER-NSF Time Series Conference, Chicago, IL, October, 1983.

American Statistical Association Meetings, Toronto, Canada, August, 1983.

International Time Series Conference, Toronto, Canada, August, 1983.

International Time Series Conference, Dublin, Ireland, March, 1982.

Department of Economics, Laval University, Canada, March, 1981.

NBER-NSF Time Series Conference, Washington, D.C., June, 1980.

Econometric Society: December, 1979; August, 1978; September, 1976; December, 1971; August, 1971; December, 1968.

American Finance Association (joint with American Economic Association), December, 1973.

Missouri Valley Economic Association, March, 1979.

Western Economic Association, June, 1974.

Midwest Finance Association, June, 1974.

Conference on Banking Structure and Competition, Federal Reserve Bank of Chicago, October, 1972; October, 1971.

F.D.I.C. Seminar, Washington, D.C., October, 1972.

### PROFESSIONAL SERVICES

Chaired twelve Ph.D. dissertation committees.

Member of a number of Ph.D. dissertation committees.

Referee to a large number of papers considered for publication in internationally reputed professional journals: JASA, Biometrika, Econometrica, J. of Econometrics, among others (about 15 per year).

Review of several NSF proposals.

External Examiner, City Polytechnic of Hong Kong, Hong Kong, 1993-1998.

### INSTITUTIONAL SERVICES

Member, Academic Area Advisory Committee, University of Kentucky, 2004-06

Member, Self-Study Committee, Department of Economics, 2004-05

Member, Economics Awards Committee, 2004-05

Member, Chair Advisory Committee, Department of Economics, University of Kentucky, 2000-

Member, Graduate Studies Committee, Department of Economics, University of Kentucky, 1994-96, 1997-2003

Member, Committee to Rank Journals in Economics, Department of Economics, 2001.

Member, Macro Seminar Committee, Department of Economics, 1999-2000.

Member, Graduate Council, University of Kentucky, 1997-2000.

Member, Computer Advisory Committee, College of Business and Economics, 1997-1999

Member, Ph. D. Research Seminar Committee, Department of Economics, 1996-97.

- Member, Committee to Rank Journals in Economics, Department of Economics, 1997.
- Member, MS-Applied Economics Exploratory Committee, Department of Economics, 1996-97.
- Member, Research Committee for College Strategic Planning, 1995-96.
- Member, Lexington Campus Vice Chancellor's Research Advisory Committee, 1995 –96.
- Member, Senate, University of Kentucky, 1995-98.
- Member, Senate Research Committee, University of Kentucky, 1995-98.
- Member, Ashland Oil Summer Grants Committee, The Carol Martin Gatton College of Business and Economics, University of Kentucky, 1994-1997.
- Member, Research Committee, City Polytechnic of Hong Kong, 1993.
- Member, Research Committee, Faculty of Business, City Polytechnic of Hong Kong, 1992-93.
- Chairman, Research Committee, Department of Applied Statistics & Operational Research, City Polytechnic of Hong Kong, 1991-93.
- Chairman, Committee to Develop Research and Service Mission Statement for the Department of Economics, University of Kentucky, 1991.
- Member, Graduate School Fellowship Committee, University of Kentucky, 1991.
- Chairman, Department of Economics, University of Kentucky, 1986-1990.
- Chairman, Committee on Departmental Goals Statement, Department of Economics, University of Kentucky, 1986.
- Member, Merit Review Appeals Committee, College of Business and Economics, University of Kentucky, 1985-86.
- Member, Computer Resource Allocation Committee, College of Business and Economics, University of Kentucky, 1985-86.
- Chairman, Computer Resource Committee, Department of Economics, University of Kentucky, 1985-86.
- Member, Graduate Studies Committee, Department of Economics, University of Kentucky, 1985-86.

Member, Faculty Recruitment Committee, Department of Economics, University of Kentucky, 1983-84.

Member, Computer Resource Allocation Committee, College of Business and Economics, University of Kentucky, 1983-84.

Chairman, Computer Resource Committee, Department of Economics, University of Kentucky, 1983.

Member, Graduate Program Review Committee, Department of Economics, University of Kentucky, 1983.

Member, University Senate, University of Kentucky, 1983.

Chairman, Merit Review Committee, College of Business and Economics, University of Kentucky, 1982.

Member, Faculty Recruitment Committee, Department of Economics, University of Kentucky, 1982.

Member, Committee for Periodic Review of Economics Department, University of Kentucky, 1982.

Member, Research Committee, Department of Economics, University of Kentucky, 1981.

Member, Committee to Study the Reorganization of Academic Units, College of Business and Economics, University of Kentucky, 1981.

Member, International Student Committee, University of Kentucky, 1979-1982.

Member, Merit Review Committee, College of Business and Economics, University of Kentucky, 1980-81.

Member, University Senate, University of Kentucky, 1980-1982.

Member, Academic Standards Committee, University of Kentucky, 1980-1982.

Director of Graduate Studies and Chairman of Graduate Studies Committee, Department of Economics, University of Kentucky, 1978-1982.

Chairman, Committee to Review Policies Regarding Teaching Assignments, College of Business and Economics, University of Kentucky, 1979.

Member, Graduate Council, University of Kentucky, 1979-1982.

Member, Graduate Studies Committee, College of Business and Economics, University of Kentucky, 1978-1982.

Member, Committee to Recruit Faculty for the Department of Economics, University of Kentucky, 1976-77.

Chairman, Committee to Study the Evaluation of Teaching Effectiveness, Department of Economics, University of Kentucky, 1974-75.

Member, Committee to Aid in Recruiting a Director for the Labor Education Center in OBD and GS, University of Kentucky, 1974.