

# JAMES L. KENKEL, Ph.D.

Associate Professor of Economics  
University of Pittsburgh  
January 1, 2017

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807 Academy Place  
Pittsburgh, PA 15243-2003

Phone: 412-563-4128  
Fax: 412-563-0806  
Email: [jimkenkel@comcast.net](mailto:jimkenkel@comcast.net)

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## EDUCATION:

**Bachelor of Arts, Mathematics, 1966.**

Xavier University, Cincinnati, Ohio. Honors College.

**Master of Science, Economics, 1968.**

Purdue University, Lafayette, Indiana.

Areas of Specialization: Econometrics, Statistics, Mathematical Economics, Advanced Macroeconomics, Money and Banking, Economic History of the United States.

**Doctor of Philosophy (Ph.D.), Economics, 1969.**

Purdue University, Lafayette, Indiana.

Areas of Specialization: Econometrics, Statistics, Mathematical Economics, Economic Theory.

**National Science Foundation Post-Graduate Fellowship, 1971.**

Princeton University, Princeton, New Jersey.

## EMPLOYMENT:

**Associate Professor of Economics**

University of Pittsburgh, Pittsburgh, Pennsylvania.

1974 – present

**Adjunct Professor of Statistics**

University of Pittsburgh, Pittsburgh, Pennsylvania.

1995 - Present

**Assistant Professor of Economics**

University of Pittsburgh, Pittsburgh, Pennsylvania.

1969 – 1974

**Positions held at the University of Pittsburgh:**

**Acting Chair, Department of Economics**  
1982 – 1983

**Director of Graduate Program in Economics**  
1975 – 1978

**Social Science Computer Research Institute, Executive Committee**  
1971 – 1990; Chair, 1979

**Graduate Committee in Economics**  
1975 – 1985; 1990 – 1992

**Undergraduate Committee in Economics**  
1995 – 1999, 2006 - 2013

**Graduate Admissions, Committee**  
1975 – 1985; 1990 – 1993; Chair, 1992 – 1993

**Undergraduate Advisor in Economics**  
1970 – 1975

**University Committee on Quantitative and Formal Reasoning**  
1983 – 1989; 1991 – 1994

**Thorn Outstanding Teaching Award**  
2000 - 2009

**PROFESSIONAL MEMBERSHIPS:**

American Economic Association

American Statistical Association

Econometric Society

Pennsylvania Association of Economists

National Association of Forensic Economics

American Academy of Economic and Financial Experts

American Rehabilitation Economics Association

Mathematical Association of America

## **AWARDS AND HONORS:**

Four Year Presidential Scholarship  
Xavier University, 1962-1966

Pi Mu Epsilon  
National Mathematics Honor Society, 1964

Senior Class President  
Xavier University, 1965-66

National Defense Education Act (NDEA) Fellowship  
Purdue University, 1966-69

National Science Foundation Fellowship  
Purdue University, 1968-69

National Science Foundation Fellowship  
Princeton University, 1971

Outstanding Teacher Award  
University of Pittsburgh, 1982

Phi Eta Sigma, National Scholastic Honor Society  
University of Pittsburgh, 1983

Who's Who in the East, 1985

Who's Who in Finance and Industry, 1990

Who's Who in American Education, 1991

Who's Who in Science and Engineering, 1993

Who's Who in the World, 1992

Who's Who Among America's Teachers, 2006

Founder's Day, Special Honor Initiate, Pi Kappa Alpha Fraternity  
University of Pittsburgh, March 1990

Most Outstanding Teacher, 1990-91  
Department of Economics, University of Pittsburgh

Finalist, Chancellor's Distinguished Teaching Award, 1998  
University of Pittsburgh

Delta Phi Epsilon, Recognition of Outstanding Teaching Skills and Dedication to Learning,  
February 2002

## **SELECTED CONSULTING POSITIONS:**

United States Environmental Protection Agency  
Federal Home Loan Bank Board  
United States Steel Corporation  
Jones & Laughlin Steel Corporation  
National Steel Corporation  
Sony Corporation  
Westinghouse Electric Corporation  
Mellon Bank  
Pelikan, Inc.  
People's Natural Gas Co.  
Pharmaceutical Manufacturers Association  
Pittsburgh Press Club  
North Hills Dodge  
Consad Research Corporation  
Designs by Metzke, Inc.  
Thermo King Corporation  
General Refractories Corporation  
Kustom Kar Kare, Inc.  
Irwin Automation, Inc.  
Newcomer Industries  
Allegheny County Sanitary Authority  
Pittsburgh Coil Technology  
Rost Electric, Inc.  
Transmission Magician  
Triangle Welding  
Mercy Hospital  
American Marazzi Tile, Inc.  
West Penn Power Company  
Iron Carbide Holdings, Inc.  
PAT Transit  
Gates Rubber Company  
Rust Evader Corporation  
Sears, Roebuck & Co.  
Steamfitters and Pipefitters Union Local 449  
Johnstown America Corporation  
USAir Flight 427 Disaster in Pittsburgh, PA on 9-8-1994  
USAir Flight 1016 Disaster in Charlotte, NC on 7-2-1994  
Benke Motors, Verona Motor Sales, and American Auto Sales  
Bob Thomas Honda/Kawasaki  
Shenango Systems Solutions  
Roth Computer Register Co., Inc.  
Dow Chemical Company  
Kanjo Kawasaki  
Brown Hyundai  
Knouse Foods (Mott's Apple Sauce)  
Westmoreland County Association of Professional Employees  
Allegheny County Prison Employees Independent Union

## **LEGAL CONSULTING:**

More than forty years of trial experience as an economic and statistical expert in forensic matters

Provide economic projections and/or trial testimony in more than 5,000 cases for both plaintiffs and defendants in state and federal cases in approximately 20 states

## **Invited Speaker:**

Law School, University of Pittsburgh, 1987  
Continuing Education Program in Trial Advocacy  
Lecturer on calculation of economic losses in personal injury and death cases

Law School, University of Pittsburgh, April 1990  
Trial Training Program  
Lecturer on calculation of economic losses in personal injury and death cases

Office of Attorney General, Commonwealth of Pennsylvania, July 26, 1990  
Department of General Services, Bureau of Risk and Insurance Management and Department of Transportation, Bureau of Risk Management  
Annual Torts Litigation Seminar: "Evaluation of economic losses in personal injury and death cases"

Supreme Court of Pennsylvania, Committee on Racial and Gender Bias in the Justice System, November 29, 2000

Pennsylvania Bar Institute, May 10, 2001  
"Examining Medical and Non-Medical Experts in Pennsylvania Civil Practice"

Pennsylvania Bar Institute, August 12, 2003  
"Economic Testimony in Work Loss Cases"

## **Economic Reports:**

Project the economic losses resulting from personal injury or death in Pennsylvania, West Virginia, Ohio, Indiana, Michigan, Connecticut, New York, New Jersey, Maryland, Illinois, California, Virginia, Maine, Missouri, Florida, Kentucky, North Carolina, South Carolina, Texas, Wyoming, Delaware, Arizona, and Washington, D.C. for both plaintiffs and defendants

Project the potential cost of lifetime medical and attendant care for injured individuals

Project the present value of potential pension and retirement benefits

Project the appropriate distribution of assets in divorce cases

Project the economic losses suffered by individuals and companies as a result of incorrect or missing telephone numbers in a telephone directory

## **LEGAL CONSULTING (continued):**

### **Financial and Business Valuation Reports:**

Determine the economic valuation of companies

Determine the economic valuation of blocks of stock in various corporations

Project the lost potential profits of companies resulting from contract violations and other causes

Economic and statistical analysis of automobile and motorcycle franchises

### **Statistical Analyses:**

Analyze statistical issues in cases involving age, sex or race discrimination for both plaintiffs and defendants.

Perform statistical and/or financial analyses for corporations, unions, and governmental agencies.

Test hypotheses in business loss cases.

### **Trial Testimony:**

Admitted as expert witness for courtroom testimony in State and Federal Courts:

Pennsylvania

Ohio

West Virginia

Maryland

New Jersey

New York

Connecticut

Virginia

North Carolina

South Carolina

Washington, D.C.

## **TEACHING EXPERIENCE:**

### **Macroeconomics, Topics Covered:**

Trends in major economic variables: Income, investment, prices and wages, employment and unemployment, interest rates, government spending, taxes, the deficit, the money supply  
Theories of production and consumption  
Theory of income and consumption determination  
Theories of investment  
Theories of unemployment and inflation  
Theories of interest rate determination  
Government spending and taxing  
Discounting to present value  
Theories of investment and the stock market  
Social security and Medicare  
The federal and state income tax system  
The national debt  
International trade  
The Federal Reserve and money and banking in the United States  
Fiscal and monetary policy  
Productivity and growth  
Income distribution and poverty  
Business cycle analysis and leading economic indicators

### **Microeconomics, Topics Covered:**

Theory of consumer behavior  
Utility maximization  
Theories of the firm  
Profit maximization  
Competitive markets  
Monopolistic markets  
Oligopolistic markets  
Labor markets and wage determination  
Effects of education, race and sex on occupation and income  
Theories of job search  
Theories of unemployment  
Life expectancy and worklife expectancy  
Discounting to present value

### **Statistics/Mathematical Economics Courses:**

Applied Statistics  
Calculus and Analytic Geometry  
Linear Algebra  
Mathematical Economics  
Introduction to Econometrics  
Econometric Theory I and II  
Linear Programming  
Business Decision Theory  
Time Series Analysis  
Multivariate Statistical Analysis  
Econometrics of Limited Dependent Variables  
Operations Research: Business Decision Theory

### **Other Economics Courses:**

Money and Banking  
Honors Seminar in Economics

#### **EDITORIAL ADVISOR FOR ECONOMIC JOURNALS:**

Journal of Economics and Business  
(Member of the Editorial Advisory Board)

Journal of Econometrics

Review of Economics and Statistics

Journal of the American Statistical Association

Journal of Macroeconomics

Journal of Economic Literature

Social Science Research Council  
(Royal Statistical Society, London)

Journal of Computational Statistics and Data Analysis

#### **CONSULTING POSITIONS WITH MAJOR TEXTBOOK PUBLISHERS:**

Addison-Wesley

D. C. Heath and Company

Duxbury Press

Houghton-Mifflin

Macmillan Publishing Company

Prentice-Hall

Random House

Scott, Foresman and Company

Simon & Schuster

#### **PH.D. DISSERTATION COMMITTEES:**

Member of more than 80 Ph.D. Dissertation Committees in the Departments of Economics, Mathematics, History, Industrial Engineering, the Katz Graduate School of Business, and the Graduate School of Public and International Affairs.



## BOOKS:

Introductory Statistics for Management and Economics, Fourth Edition, Wadsworth Publishing Company, 1996, (1,099 pages).

Test Bank for Introductory Statistics for Management and Economics, Fourth Edition, Wadsworth Publishing Company, 1996, (307 pages).

Introductory Statistics for Management and Economics, Third Edition, PWS-Kent Publishing Co., Boston, 1989 (1,024 pages).

Solution Manual to Accompany Introductory Statistics for Management and Economics, Third Edition, PWS-Kent Publishing Co., Boston, 1989 (324 pages).

Partial Solutions Manual to Accompany Introductory Statistics for Management and Economics, Third Edition, PWS-Kent Publishing Co., Boston, 1989 (117 pages).

Test Items to Accompany Introductory Statistics for Management and Economics, Third Edition, PWS-Kent Publishing Co., Boston, 1989 (approximately 400 pages).

Transparency Masters to Accompany Introductory Statistics for Management and Economics, Third Edition, PWS-Kent Publishing Co., Boston, 1989 (286 pages).

Introductory Statistics for Management and Economics, Second Edition, Prindle, Weber and Schmidt, Inc., Boston, 1984, (889 pages).

Solution Manual to Accompany Introductory Statistics for Management and Economics, Second Edition, Prindle, Weber and Schmidt, Inc., Boston, 1984, (253 pages).

Test Items to Accompany Introductory Statistics for Management and Economics, Second Edition, Prindle, Weber and Schmidt, Inc., Boston, 1984, (149 pages).

Introductory Statistics for Management and Economics, Prindle, Weber and Schmidt, Inc., Boston, 1981, (901 pages).

Solution Manual to Accompany Introductory Statistics for Management and Economics, Prindle, Weber and Schmidt, Inc., Boston, 1981.

Computer Data Base Problems to Accompany Introductory Statistics for Management and Economics, Prindle, Weber and Schmidt, Inc., Boston, 1981, (67 pages).

Dynamic Linear Economic Models. Gordon and Breach, New York, 1974 (377 pages).

A Study of the Factors Associated with or Contributing to Risk in Urban Mortgage Lending, Federal Home Loan Bank board, Washington, D.C., 1973, with A. Williams and Wm. Beranek (317 pages).

Introduction to Statistics for Economists, University External Studies Program, University of Pittsburgh, Pittsburgh, PA, 1975 (800 pages).

## PUBLISHED ARTICLES AND PRESENTATIONS:

Estimating Parameters of the Markov Probability Model from Aggregate Time Series Data, by T.C. Lee, G.G. Judge and A. Zellner, Journal of Economic Literature, Vol. X, No. 1, March 1972, pp. 88-89 (Book Review).

"Simulating the Demographic and Economic Characteristics of a Disaggregated Population over Time: An Analytical Technique which Preserves the Micro Data Base," Proceedings of the Fourth Pittsburgh Modeling and Simulation Conference, Instrument Society of America, Pittsburgh, PA, 1973, pp. 182-186.

"Factors Affecting Mortgage Credit Risk in Urban Areas – A Pittsburgh Prototype Analysis," Meetings of the American Real Estate and Urban Economics Association, New York, December, 1973.

"A Monte Carlo Study of Some Small Sample Properties of Estimators of the Linear Probability Function," Econometric Society Meetings, New York, December, 1973.

"Risk Factors in Urban Home Mortgages – A Comparative Study of Eight Savings and Loan Associations," Symposium on Small Area Analysis, Federal Home Loan Bank Board, May, 1974.

"Some Stochastic Extensions of the Matrix Model for Population Dynamics," Modeling and Simulation, Proceedings of the Fifth Pittsburgh Modeling and Simulation Conference, edited by William G. Vogt and Marlin H. Mickle, Instrument Society of America, Pittsburgh, PA, 1974, pp. 253-257.

"Default Risk in Urban Mortgages – A Pittsburgh Prototype Analysis," Journal of the American Real Estate and Urban Economics Association, Vol. 2, No. 2, Fall 1974, pp. 101-112.

"Some Small Sample Properties of Durbin's Tests for Serial Correlation in Regression Models Containing Lagged Dependent Variables and Serially Correlated Errors," Econometrica, Vol. 42, July, 1974, pp. 763-769.

"The Economics of Information and Search for Prices and Wages," Journal of Economics and Business, Vol. 45, Spring 1975, pp. 209-218.

"Small Sample Tests for Serial Correlation in Models Containing Lagged Dependent Variables," Review of Economics and Statistics, Vol. LVII, August 1975, pp. 383-386.

"A Note on the Calculation of Forecasts and Multipliers Using Nonlinear Econometric Models," Journal of Economics and Business, Vol. 27, Fall 1975, pp. 97-98.

Modeling the Economy, edited by G.A. Renton, Journal of Economic Literature, Vol. XIII, No. 4, December, 1975, pp. 1349-50 (Book Review).

"On the Small Sample Power of Durbin's h-test," Journal of the American Statistical Association, Vol. 21, March 1976, pp. 96-97.

"Some Methods for Examining Rounding Error in a Least Squares Regression Computer Program," Journal of Economics and Business, Vol. 28, Winter 1976, pp. 104-110.

"A Model of Price and Income Determination Featuring Oligopolistic Pricing and External Finance," Meetings of the Eastern Economic Association, Washington, D.C., April 1978 (with J. Cohen).

"Simulating the Trade-Off Between Unemployment and Inflation in a Model Featuring External Finance and Economies of Scale," Modeling and Simulation, Proceedings of the Tenth

Pittsburgh Modeling and Simulation Conference, edited by William G. Vogt and Marlin H. Mickle, Instrument Society of America, Pittsburgh, PA, 1979, pp. 1533-1538.

“An Iterative Technique for Finding Efficient Trade-Offs Between Variables in Economic Models,” Modeling and Simulation, Proceedings of the Tenth Pittsburgh Modeling and Simulation Conference, edited by William G. Vogt and Marlin H. Mickle, Instrument Society of America, Pittsburgh, PA, 1979, pp. 1515-1519.

“A Credit Model Featuring External Finance and Scale Economies,” Journal of Post Keynesian Economics, Vol. II, NO. 2, Winter 1979-80, pp. 255-266 (with J. Cohen).

“An Examination of the Mean and Variance of the Error Term When Estimating the Logistic Model by OLS and GLS,” Modeling and Simulation, Proceedings of the Eleventh Pittsburgh Modeling and Simulation Conference, edited by William G. Vogt and Marlin H. Mickle, Instrument Society of America, Pittsburgh, PA, 1980, pp. 497-503.

“A Monte Carlo Study Analyzing the Properties of OLS and GLS Estimates of the Logistic Model,” Modeling and Simulation, Proceedings of the Eleventh Pittsburgh Modeling and Simulation Conference, edited by William G. Vogt and Marlin H. Mickle, Instrument Society of America, Pittsburgh, PA, 1980, pp. 479-483.

“Can Profits Be Made Betting on Pro Football Games,” Proceedings of the American Statistical Association, Cincinnati, Ohio, August, 1982, pp. 128-130.

“The Information Content of the Flow of Funds,” Transactions of the 2<sup>nd</sup> World Financial Congress, Chicago, October 1986, pp. 264-309 (with J. Cohen).

“Testing for Structural Change in the Estimation of the Effects of U.S. Budget Deficits,” Modeling and Simulation, Proceedings of the Twenty-first Pittsburgh Modeling and Simulation Conference, edited by William G. Vogt and Marlin H. Mickle, Instrument Society of America, Pittsburgh, PA, 1990, pp. 165-169 (with Steven D. Lang).

“Evaluating Lost Vacation Benefits: Should They be Valued at Their Pre-Injury or Post-Injury Cost?” Journal of Forensic Economics, Vol. VI No. 1, Winter, 1992, pp. 67-68.

#### **UNIVERSITY OF PITTSBURGH WORKING PAPERS:**

“Delinquency Risk in Mortgage Portfolios – A Comparative Study of Seven Savings and Loan Associations,” Graduate School of Business, University of Pittsburgh, Working Paper No. 90, 1974.

“Delinquency Risk Exposure in the Mortgage Portfolios of Individual Lending Institutions,” Graduate School of Business, University of Pittsburgh, Working Paper No. 150, 1975.

“The Characteristic Equation of the Population Projection Matrix,” Department of Economics, University of Pittsburgh, Working Paper No. 23, July 1975.

“Some Problems in Using an Ordinary Least Squares Procedure to Calculate Two-State Least Squares Estimates,” Department of Economics, University of Pittsburgh, Working Paper No. 22, July 1975.

“A Note on a Consistent Estimator of the Linear Probability Function,” Department of Economics, University of Pittsburgh, Working Paper No. 33, January 1976.

"A Nonconsistent Two-Stage Least Squares Variance Estimator," Department of Economics, University of Pittsburgh, Working Paper No. 35, June 1977.

"A Necessary Condition for the Existence of the Two-Stage Least Squares Estimator," Department of Economics, University of Pittsburgh, Working Paper No. 68, June 1977.

"Using Optimal Control Techniques to Find the Efficient Set and to Determine Trade-Offs Within and Between Periods, Department of Economics, University of Pittsburgh, Working Paper No. 79, February 1978.

"Tests of Equality Between Sets of Coefficients in Three or More Linear Regressions: An Extension of the Chow Test," Department of Economics, University of Pittsburgh, Working Paper No.91, February 1979.

"An Examination of the Mean and Variance of the Error Term when Estimating the Logit Model by OLS and GLS," Department of Economics, University of Pittsburgh, Working Paper No.101, February 1980.

"Estimation of Relationships Having Limited Dependent Variables: A Comparison of Maximum Likelihood and OLS Estimators in the Tobit Model," Department of Economics, University of Pittsburgh, Working Paper No.105, February 1980.

"A Proof that OLS Yields Biased Estimates in Autoregressive Models, Department of Economics, University of Pittsburgh, Working Paper No.106, April 1980.

"A Modified Logit Model: A Critical Comment," April, 1981.

"Calculating the Mean of the Exact Finite Sampling Distribution of OLS Estimators in Autoregressive Models," Department of Economics, University of Pittsburgh, Working Paper No.145, May 1982.

"Asymptotic Distribution Theory," 1980.

"Almon Lags," 1980