

Curriculum Vita

Thomas H. Fish, PhD

ADDRESS/PHONE

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EDUCATION

University of Arkansas, Fayetteville: 1969-1972

Ph.D., May 1972, Major: Economics. Minors: Marketing/Management, Finance, and Quantitative Methods.

Dissertation: The Eurodollar Market as a Source of Funds for Domestic Non-Financial Corporations.

Central Missouri State University, Warrensburg: 1968-1969

MA, May 1970, Economics

Thesis: The Role of International Reserves and Liquidity to Restore and Maintain the Balance of Payments in the Free World.

University of Missouri - Kansas City, Kansas City

BA, May 1968, Economics

EXPERIENCE

Teaching Experience –Through July, 2003 Professor of Business and Economics at William Jewell College. Duties included teaching classes in Economics, Finance, Quantitative Methods, and Management.

Associate Professor of Business Information Systems at DeVry University. Duties included teaching classes in Telecommunications Management, Business, Business Information Systems, Computer Information Systems, Information Technology, and Financial Accounting.

Taught classes at Webster University, Avila College, and Longview Metropolitan College on an adjunct basis between 1984 and 1997. Taught graduate and undergraduate classes in the areas of Management, Marketing, Financial Accounting, Finance, Statistics, Quantitative Methods, and Economics.

Professor of Finance and Accounting - Central Missouri State University 1972 through 1975. Taught graduate and undergraduate classes in the areas of Finance, Marketing, Management, and Economics.

CIS/Computer Science experience - Studied computer science and programming while pursuing Ph.D. degree. The courses were offered in the Quantitative Methods and Mathematics areas and were required for the dissertation. Proficient in Fortran, Cobol and basic programming languages. Had an original equipment manufacturer arrangement with Hewlett Packard, Data General, and Digital Equipment Corporation. Designed and programmed business systems and installed hardware and software on customer premises. Extensive experience in system and data base design and programming. Clients included Boese Hilburn contractors, Arrow Truck sales, Citation jet sales, Treat America, and other area contractors and financial institutions.

Telecommunications experience - Over two decades of experience in telecommunications consulting. Clients included AT&T, Sprint, MCI, SWBT, Citizens Utilities, General Telephone and other LEC and long distance carriers. Issues addressed included cost of service, access charges, competitive environment, deregulation, cost of capital, and other related areas. Consulting environment was judicial and administrative litigation.

Managerial experience – Over 20 years experience in managing private businesses. Experience in personnel, economics, market research, finance, accounting, and operations management. Managed technical departments in several firms and was group manager in many major projects.

Judicial proceedings – participated in over 70 proceedings involving antitrust, contract damages, insurance defense, economic loss, market structure and performance, and other related economics/statistics/finance issues.

Administrative proceedings – participated in over 80 proceedings involving economics, statistics, accounting, finance, market structure and industrial organization issues in telecommunications, electric, and oil and natural gas distribution industries.

Other engagements – participated in over 75 private industry and governmental engagements involving economics, market structure, statistics, finance, and operational issues.

PUBLICATIONS

"An Analysis of Valuation of Community Bank Stocks." Quarterly Community Bank Journal, April, 1983.

"An Analysis of Trends in Prices of Community Bank Control Sales." Quarterly Community Bank Journal, July, 1983.

"An Analysis of Publicly Traded Multi-Bank Holding Company Market Performance After Acquisition of Community Banks." Quarterly Community Bank Journal, October, 1983.

"Derivation of a Valuation Index for Community Bank Control Sales." Quarterly Community Bank Journal, January, 1984.

RESEARCH

Professional Presentation

"An Econometric Model of Missouri." Presented at the Missouri Valley Economic Association, 1974.

Consulting Research

Economic Impact of Various Utility Rate Structures on State and Regional Economies.

Demographic Analysis of Economic Regions.

Determination of Market Characteristics and Parameters for Jet Aircraft Manufacturing Firms.

Determination of Optimal Refinancing and Capital Structuring and Corresponding Cost of Capital and Return for Acquisitions and Mergers.

An Econometric Analysis of NECPA Pricing Policies.

An Econometric Analysis of the Effect of the Proposed 15% Severance Tax (Senate Bill #892) on the Economy of the State of Kansas.

Curtailment of Demand Econometric Model for Cincinnati Bell Telephone Company's Service Area.

Development of Control Procedures for Large Construction Projects.

Development of Automatic Bill of Materials Systems of Manufacturing Processes.

Development of Planning and Forecasting Models.

Utilization of Economic Analysis in Business Decision-Making Situations (Seminar).

A Long-Term Forecast of Relative Costs of Alternative Energy Sources.

Analysis of the Validity of Sampling Procedures for Determination of the Growth Component of the DCF Model.

Analysis of the Relative Risk of Customer Classes of Electric Companies.

Development of EDP Models for Determining Optimal Price, Financing Strategy, and Expected Return for Corporate Acquisitions and Mergers.

Analysis of Asset Valuation in Bankruptcy Cases.

Preparation of Bank Charter Applications and Supporting Economic/Demographic Analyses.

Advisor for Multi-Family Housing Project Bond Issue.

EMPLOYMENT

Through 8/03	Professor of Business and Economics, William Jewell College. Courses taught include Industrial Organization, Quantitative Methods for Business, Principles of Finance, Microeconomics, Principles of Economics, Organizational Behavior, Organization and Management, and Marketing Research.
05/88 – Present	President, Ariadair Economics Group. Duties included client interface, strategic, tactical and operational planning, Project Leader in major consulting projects involving such areas as telecommunications deregulation, antitrust

litigation, contract violation litigation, white collar crime, economic loss, and intellectual property.

03/87 – 05/88

Director – Economics Division, LMSL Inc., Overland Park, KS. Duties included managing the Economics Division of the firm, directing major consulting projects involving telecommunications competition, sale/leaseback of nuclear electric generating plants, natural gas distribution pricing, and market structure analysis.

- 05/81 – 03/87 President, Thomas Fish Associates Co. Duties included marketing consulting services, client interface, strategic, tactical and operational planning, Directing numerous large consulting engagements involving cost of capital, cost of service, rate design, rate base and revenue requirement in telecommunications, natural gas, and electric regulatory proceedings.
- 11/97-05/81 Director of Economic Analysis, Troupe, Kehoe, Whiteaker and Kent. Duties included Directing the Economics Division of the firm and coordinating work efforts with other Divisions, Directing numerous engagements involving econometric modeling, utility regulation, market analysis, financial analysis, and energy market structure and performance.
- 8/75 – 11/79 President, TF Systematics, Inc. Duties included specifying, designing, and programming various operational and strategic computer applications systems for small and mid-sized firms. Provided OEM installation of hardware and custom software.
- 6/72 – 8/75 Assistant Professor of Accounting and Finance, Central Missouri State University. Taught courses in economics, finance quantitative methods, statistics, marketing, banking, and management.

COLLEGES COURSE TAUGHT

Management

Bank Management
Financial Management
Global Issues in Business
Human Resource Management
Introduction to Business
Introduction to Management
Marketing Research
Organization and Management
Organizational Behavior
Small Business Management
Strategic Management
Telecommunications Management

Finance

Financial Management
Intermediate Finance
International Finance
Portfolio Selection
Principles of Finance
Readings in Finance
Seminar in Finance I
Seminar in Finance II

Quantitative Methods

Business Math
Econometrics I
Econometrics II
Quantitative Analysis I
Quantitative Analysis II
Statistics I
Statistics II

Computer Information Systems/Information Technology

Computer Applications in Business
IT Systems Analysis and Design
Systems Analysis and Design I

Systems Analysis and Design II

Economics

Advanced Microeconomics/IO
Business Cycles and Forecasting
Current Issues in Economics
Econometrics I
Econometrics II
Fiscal Policy
Industrial Organization
Intermediate Macroeconomics
Intermediate Microeconomics
International Economics
Macroeconomics
Managerial Economics
Microeconomics
Money and Banking
Principles of Econ I
Principles of Econ II
Readings in Economics

Financial Accounting

Cost Accounting
Federal Income Tax
Financial Accounting I
Financial Accounting II
Intermediate Financial Accounting
Managerial Accounting