

CURRICULUM VITAE

ARDESHIR J. DALAL

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TITLE/ADDRESS

Professor and Head
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PERSONAL

Marital Status: Married, two children.
Citizenship: U.S. Citizen.

EDUCATION

1969 B.A. (Honors) St. Stephen's College, Delhi University, Delhi, India.
1971 M.A. The Delhi School of Economics, Delhi University, Delhi, India.
1976 M.A. University of Iowa, Iowa City, Iowa.
1977 Ph.D. University of Iowa, Iowa City, Iowa.
Dissertation Title: *Decision-Making in Forward Exchange Markets*

AREAS OF SPECIALIZATION

Microeconomics
International Trade Theory

PROFESSIONAL EXPERIENCE

July 2008-present	Professor and Head, Department of Economics, Missouri State University, Springfield, Missouri.
August 2003-May 2008	Director of Graduate Studies, Department of Economics, Northern Illinois University, DeKalb, Illinois.
August 1990- May 2008	Professor, Department of Economics, Northern Illinois University, DeKalb, Illinois.
July 1986-June 1990	Director of Graduate Studies, Department of Economics, Northern Illinois University, DeKalb, Illinois.
August 1983-August 1990	Associate Professor, Department of Economics, Northern Illinois University, DeKalb, Illinois.
Sept. 1983-Nov. 1983	Visiting Scientist, International Crops Research Institute for the Semi-Arid Tropics, Patancheru, India.

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August 1977-August 1983	Assistant Professor, Department of Economics, Northern Illinois University, DeKalb, Illinois.
September 1976-May 1977	Lecturer in Economics, California State University, Fullerton, California.
August 1973-May 1976	Teaching Assistant, Department of Economics, University of Iowa, Iowa City, Iowa.
July 1971-August 1972	Lecturer in Economics, St. Stephen's College, Delhi University, Delhi, India.

PUBLICATIONS

- “Production Decisions under Joint Price and Production Uncertainty,” *European Journal of Operational Research*, forthcoming (with Moawia Aghalith).
- “The Production Possibility Frontier as a Maximum Value Function: Concavity and Non-Increasing Returns to Scale,” *Review of International Economics*, 14 (November 2006): 958-967.
- “Immiserizing Growth for a Small, Tariff-Ridden Economy: The (Ir)relevance of Inferior Goods,” *Economia Internazionale*, 59 (August 2006): 285-293.
- “The Multi-Market Firm, Transportation Costs, and the Separation of the Output and Allocation Decisions,” *Oxford Economic Papers*, 55 (October 2003): 644-656 (with E. Katz).
- “Domestic and Foreign Sales When Prices in Both Markets are Uncertain,” *Bulletin of Economic Research*, 55 (April 2003): 125-148 (with S. Raju).
- "Strict Concavity with Homogeneity and Decreasing Returns to Scale," *Atlantic Economic Journal*, September 2000, pp. 381-382.
- "Income Distribution Effects in the Presence of Region-Specific Factors," *International Economic Journal*, Autumn 1999 (with M-K. Eor).
- "Functional Separability and the Existence of Consistent Aggregates in U.S. Manufacturing: Comment," *International Economic Review*, February 1996, pp. 253-258 (with K. C. Ramaiah).
- “Econometric Tests of Firm Decision Making Under Uncertainty—Optimal Output and Hedging: Comment,” *Southern Economic Journal*, 61 (1994), pp. 213-217.
- "Estimating the Demand for Risky Assets via the Indirect Expected Utility Function," *Journal of Risk and Uncertainty*, 6 (1993): 277-288 (with B. Arshanapalli).

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- "The Geometry of Risk Aversion: A Further Comment," *Journal of Economics and Business*, 45 (1993): 183-188.
- "Symmetry Restrictions in the Analysis of the Competitive Firm Under Price Uncertainty," *International Economic Review*, February 1990, pp. 207-211.
- "An Empirical Investigation of Interregional Production Relations and Comparative Advantage in U.S. Manufacturing, 1960-1970," *Applied Economics*, Vol. 22, 1990 (with M. Williams).
- "Effects of Expected Cash and Futures Prices on Hedging and Production: Comments and Extensions," *The Journal of Futures Markets*, 9 (1989): 337-345 (with B. Arshanapalli).
- "Asset Demands and Slutsky Equations when All Assets are Risky," *Metroeconomica*, 39 (1988): 205-221.
- "Using a GNP Function to Obtain Comparative Statics for the Production Sector," *Economia Internazionale*, 38 (1985): 303-308.
- "A Simple Proof of the Concavity of the Transformation Curve," *Atlantic Economic Journal*, 12 (1984), p. 67.
- "Import Demand for India: A Translog Cost Function Approach," *Economic Development and Cultural Change*, 32 (1984), pp. 593-605 (with M. Williams and K. Mohabbat).
- "Factor Substitution and Import Demand for South Korea: A Translog Analysis," *Weltwirtschaftliches Archiv*, 119 (1983), pp. 709-723 (with K. Mohabbat).
- "On the Use of a Covariance Function in a Portfolio Model," *Journal of Financial and Quantitative Analysis*, 18 (1983), pp. 223-228.
- "Comparative Statics and Asset Substitutability/Complementarity in a Portfolio Model: A Dual Approach," *Review of Economic Studies*, 50 (1983), pp. 355-367.
- "A Third-Order Translog Cost Function," *Rivista Internazionale di Scienze Economiche e Commerciali* 30 (1983), pp. 355-361.
- "Estimation of the Elasticities of Factor Substitution in Urban Bus Transportation," *Journal of Regional Science*, 21 (1981), pp. 263-275 (with M. Williams).
- "Decision Rules for an Investor in Forward Exchange Markets," *Journal of International Economics*, 9 (1979), pp. 539-559.
- "A Note on Mill's Theory of International Values," *Journal of International Economics*, 9 (1979), pp. 583-587.
- Book Review: *International Market Linkages and U.S. Manufacturing* by T. A. Pugel, *Southern Economic Journal*, January 1981.

PAPERS PRESENTED

- "Import Demand for India - A Translog Cost Function Approach," at the 1979 Western Economic Association Conference, June 1979 (with K. Mohabbat).
- "Factor Intensity Reversal with Non-Constant Elasticities of Substitution," at the 1981 Western Economic Association Conference, July 1981.
- "Factor Substitution and Import Demand for Korea: A Translog Analysis," at the 1981 Western Economic Association Conference, July 1981 (with K. Mohabbat).
- "Measurement of Technical Change in Indian Cotton Textile Industry," at the 1983 Eastern Economic Association Conference, March 1983 (with Martin Williams).
- "Interregional Production Relations and Comparative Advantage in U.S. Manufacturing, 1960-80," Regional Science Association, November 1987 (with Martin Williams).
- "Input Substitution in U.S. Agriculture: A Dual Approach with Output Uncertainty," Atlantic Economic Conference, October 1989 (with J. McGlone).
- "A Dual Approach to the Estimation of Household Demands for Financial Assets," Financial Management Association Meetings, October 1990 (with B. Arshanapalli).
- "Domestic and Foreign Sales in the Presence of Price and Exchange Rate Uncertainty," Southwestern Social Science Association Meetings, March 1992 (with S. Satyanarayan). Abstract published in *Southwest Journal of Economic Abstracts*.
- "Concavity of the Production Possibility Curve with Non-Increasing Returns to Scale," Northern Illinois University Economics Department, October 1999.
- "Competitive Firm Behavior with Simultaneous Price and Output Uncertainty," Northern Illinois University Economics Department, Jan. 2002.; and University of St. Andrews, Scotland (with M. Alghalith).
- "The Multi-Market Firm, Transportation Costs, and the Separation of the Output and Allocation Decisions," Northern Illinois University Economics Department, October 2002; East Carolina University Economics Department, November 2002 (with E. Katz).
- "Alpha Countries and International Economic Policy," Northern Illinois University Economics Department, April 2005; Illinois State University Economics Department, November 2005 (with E. Katz).
- "Economic Measures for Improving Freight Reliability and Security in Northwest Indiana," Indiana Academy of Social Sciences Meeting, October 2007 (with Amlan Mitra and Paul McGrath).

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“The Market for Illegal Drugs: A Supply Side Analysis,” Northern Illinois University Economics Department, October 2007; Illinois Economic Association Meetings, Chicago, October 20, 2007.

CURRENT RESEARCH

The Market for Illegal Drugs: A Supply Side Analysis
 Output Indeterminacy with Price Uncertainty, Constant Returns to Scale and Constant Relative Risk Aversion
 Expected Utility Maximization and Properties of Option Prices
 A Reformulation of the Mean-Variance Mathematics
 The Indirect Expected Utility Function and Comparative Statics Under Uncertainty
 International Technology Transfer and Multinational Corporations
 The Effect of Price Uncertainty in a Two-Sector Heckscher-Ohlin Model

EDITORIAL BOARDS

Guest Editor (jointly with Moawia Alghalith) of a special issue of *Annals of Operations Research* on “The Theory and Applications of Risk and Uncertainty,” forthcoming (publication date to be determined).

JOURNAL REFEREEING

Referee for:

Review of Economic Studies
Journal of Financial and Quantitative Analysis
International Economic Review
Journal of Econometrics
Journal of Risk and Uncertainty
Economic Modelling
Southern Economic Journal

TEXTBOOK REVIEWING

International Economics by W. C. Sawyer and R. L. Sprinkle
Explorations in Microeconomics by James Willis
Microeconomics by C.R. McConnell and S. L. Brue
Microeconomics by D. C. Colander
Microeconomics in Context by N. Goodwin, J. Nelson, F. Ackerman, T. Weisskopf
Microeconomics by Paul Krugman and Robin Wells (reviewer and a contributing author to the test bank that accompanies the text).

Ph.D. DISSERTATION COMMITTEES

Dissertation Director

1985-86 Seyed Mohaimani, “The Heckscher-Ohlin Model under Exogenous Uncertainty.”

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- 1987-88 Bala Arshanapalli, "Empirical Applications of Duality Theory to Two Problems under Uncertainty: Optimal Hedging and Asset Demands in a Portfolio Model."
- 1988-89 Suzanne Crosby, "United States-Canadian Intra-Industry Trade: A Cross-Section and Time Series Investigation."
- 1991-92 Sudhakar Satyanarayan, "Export and Domestic Sales under Price and Exchange Rate Uncertainty—Theory and Evidence."
Myong Keun Eor, "Analysis of the Effects of Changes in Factor Endowments on Income Distribution," (co-director).
- 2000-01 Moawia Alghalith, "The Competitive Firm with Simultaneous Price and Output Uncertainty."
- 2001-02 Hong Zhang, "The Impact on China's Economy of its Accession to the WTO: A Computable General Equilibrium (CGE) Analysis."

Committee Member

- 1979-80 Teshome Abebe, "An Econometric Study of the Determinants of International Patterns of Trade: OECD and Africa."
- 1980-81 Bobby Apostolakis, "Imports and Energy Demand Functions: A Translogarithmic Cost Function Approach, Greece 1953-77."
Lawrence Litterst, "The Determinants of the Growth and Decline of Lifetime Occupational Earnings."
Sangkom Suwannarat, "The Effects of Key Currency Country Exchange Rate Changes on Trade Balance of Currency Area Members: Theoretical Issues and Some Empirical Evidence."
Jeung Hoon Oh, "The Determinants of Foreign Direct Investment in the United States: Some Empirical Evidence."
- 1981-82 Thomas Sturrock, "The Impact of Inflation Uncertainty on Household Portfolio Composition."
Andrew Meng, "An Empirical Inquiry into the Import Demand and Export Supply of a Small Open Developing Economy--The Case of Taiwan."
- 1983-84 Jung Mo Kang, "The Profit Function Approach to the Estimation of Import Demand and Export Supply: The Cases of Korea and Japan."
Margaret Barth, "The Monetary Approach to Foreign Exchange Rate Determination: A Theoretical and Empirical Analysis."
- 1984-85 Lee Sundholm, "Protectionism in a Period of Mercantilism: The English Experience from the Reign of Elizabeth I to Adam Smith's Wealth of Nations."
- 1986-87 Ilter Bakkalsalihoglu, "Analysis of Demand for International Tourism in Northern Mediterranean Countries."
- 1988-89 Bruce Howard, "Factor Demand and Substitution in the United States' State and Local Government Sector: A Translog Cost Approach."
Simon Nyatepe-Coo, "Nigerian Macro Policy Responses to the Oil Price Shocks and Monetary Aspects of the 'Dutch Disease'."
- 1989-90 Aklilu Zegeye, "A Simultaneous Equations Approach to the Estimation of the Savings Function in Developing Economies."
- 1992-93 Jong-Bae Kim, "An Empirical Analysis of the Korean Automobile Industry."
Qi-Hong Dong, "The Welfare Effects of the U.S. Extending Most-Favored-Nation Tariff Preference Treatment to the People's Republic of China: An Empirical Inquiry."
Jung-gu Park, "A Model of Feedback among Output Growth, Exports, and Technology for a

