



JOURNAL OF FINANCIAL AND QUANTITATIVE ANALYSIS

A PUBLICATION OF THE UNIVERSITY OF WASHINGTON GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

VOL. 25, NO. 1, MARCH 1990

The Role of Debt and Preferred Stock as a Solution to Adverse Investment Incentives Robert Heinkel and Josef Zechner
A Multiperiod Theory of Corporate Financial Policy under Taxation
Delivery Uncertainty and the Efficiency of Futures Markets
Quality Option Profits, Switching Option Profits, and Variation Margin Costs: An Evaluation of Their Size and Impact on Treasury Bond Futures Prices Theodore M. Barnhill
Valuing Derivative Securities Using the Explicit Finite Difference Method
On the Presence of Speculative Bubbles in Stock Prices
Size, Seasonality, and Stock Market Overreaction
A Unified Approach to Term Structure Estimation: A Methodology for Estimating the Term Structure in a Market with Frictions

MANAGING EDITORS

Paul Malatesta Jonathan Karpoff

ADVISORY EDITOR

Peter Frost

ASSOCIATE EDITORS

Gordon Alexander	John McConneli
University of Minnesota	Purdue University
Paul Asquith	Edward Rice
Massachusetts Institute of Technology	University of Washington
Stephen Brown	Eduardo Schwartz
New York University	University of California, Los Angeles
Nai-Fu Chen	Lemma Senbet
University of California, Irvine	University of Maryland, College Park
George Constantinides	Jay Shanken
University of Chicago	University of Rochester
Robert Geske	Clifford Smith
University of California, Los Angeles	University of Rochester
Chi-Fu Huang	Hans Stoll
Massachusetts Institute of Technology	Vanderbilt University
Robert Jarrow	Suresh Sundaresan
Cornell University	Columbia University
Ronald Masulis	Rex Thompson
Southern Methodist University	Southern Methodist University

EDITORIAL STAFF

Martha Auvil Editor Linda Nelson Office Manager Gloria Young Editorial Associate

POSTMASTER: Send address changes to *Journal of Financial and Quantitative Analysis*, Graduate School of Business Administration, University of Washington, DJ-10, Seattle, Washington 98195.

Second class postage is paid at Seattle, Washington.

Copyright 1990, Graduate School of Business Administration, University of Washington.

Journal of Financial and Quantitative Analysis—ISSN 0022-1090.

JOURNAL OF FINANCIAL AND QUANTITATIVE ANALYSIS

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION UNIVERSITY OF WASHINGTON, DJ-10 SEATTLE, WA 98195 U.S.A.

Phone: (206) 543-4598, FAX: (206) 545-9392

PURPOSE AND FOCUS

The *Journal of Financial and Quantitative Analysis (JFQA)* is published quarterly in March, June, September, and December by the Graduate School of Business Administration, University of Washington, Seattle, Washington U.S.A.

The *JFQA* publishes theoretical and empirical research in financial economics. Corporate finance, investments, capital and security markets, and quantitative methods of particular relevance to financial researchers are among the topics included.

Opinions expressed in the *JFQA* are those of the authors and do not necessarily reflect those of the Graduate School of Business Administration of the University of Washington.

For specific information concerning subscriptions, submissions, single-copy orders, missing issues, permission to reprint, or advertising, write to or call the *JFQA* office.

SUBMISSIONS

Manuscripts are to be sent in quadruplicate with a \$30.00 submission fee for subscribers (\$60.00 for nonsubscribers) to Professor Paul Malatesta, Managing Editor. To receive a style guide, write to or call the *JFQA* office.

SUBSCRIPTIONS

Subscriptions, which must be prepaid and renewed annually, start with the next available issue unless otherwise requested. Claims for missing issues must be made within six months of the date of publication.

Rates are as follows:

Firm or library	\$60.00/yr.
Outside U.S.A. and Canada	\$65.00/yr.
Individual	\$30.00/yr.
Outside U.S.A. and Canada	\$35.00/yr.
Student (with verification)	\$20.00/yr.
Outside U.S.A. and Canada	\$35.00/yr.

Managing Editors' Remarks

With this issue, the *JFQA* begins its 25th year of publication. We are pleased to note that the Journal's readership is growing steadily. With an international circulation of 2800 firms, libraries, and individuals in 1989, we anticipate that our subscription rolls will continue to increase in 1990. The manuscript submission rate also is growing. A total of 451 manuscripts were received and processed during 1990. Of this number, 48 were accepted for publication; 361 were rejected; and 42 were under review at year-end.

The *JFQA*'s success owes much to our colleagues throughout the world who give to us generously their time and advice. We offer our special thanks to the associate editors and referees. Their valuable assistance greatly enhances the Journal's quality.

Paul H. Malatesta Jonathan M. Karpoff

JFQA Managing Editors