

Ira G. Kawaller

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Experience

Kawaller & Company, LLC, *President (November 1997 – Present)*

Financial consulting practice providing the following services – all relating to financial derivatives:

- Preparation of hedge documentation and risk management policies
- Development and processing "hedge effectiveness" assessments
- Derivatives valuation and modeling
- Education & training and strategic assistance pertaining to risk management
- Expert witness testimony and associated advisory services

Hatteras Financial Corporation, *Member of the Board of Directors (November 2007 – July 2016)*

Hatteras was a Real Estate Investment Trust (REIT) that invested exclusively in mortgage-related securities. Member of the Audit Committee and the Compensation & Governance Committee. Tenure extended from the IPO through a merger with Annaly Capital Management Inc.

The Kawaller Fund, *Managing Partner (May 2003 – December 2011)*

The Kawaller fund provided a vehicle for those seeking greater diversification through an alternative asset program, as a means to increase returns and lower the overall risk of a broader investment portfolio.

Chicago Mercantile Exchange, *Senior Consultant (November 1997 – October 2001)*

V.P.-Director, New York Office (1981 - October 1997)

Implemented high-profile marketing program to promote use of CME contracts.

- Lectured frequently at international and domestic financial seminars and conferences with international exposure, speaking on all aspects of financial risk management (FX, fixed income, equity markets).
- Authored two books and 130 articles in professional and academic journals, covering applications of futures and options.
- Created analytical software used by major banks, investment houses, and corporations for use in connection with financial risk and derivatives valuation.
- Worked with various regulatory bodies in developing new accounting rules and disclosure requirements for derivative instruments (FASB and SEC initiatives).
- Produced marketing materials for both quantitatively-oriented and mass audiences.

Administrative experience:

- Recruiting and training marketing professionals, hiring and firing staff.
- Overseeing design of new office facilities and relocation to new premises.
- Preparing budgets and cash-flow projections.
- Evaluating personnel for performance assessment and salary review.

J. Aron & Company, *Financial Strategist, 1980 - 1981*

AT&T Company Inc., *Economist, 1978 - 1980*

Board of Governors of the Federal Reserve System, *Economist, 1976 – 1978*

Education

University of Connecticut (Phi Beta Kappa), *B.A., Math, 1971*

University of Connecticut, *M.A., Economics, 1972*

Purdue University, *Ph.D., Economics, 1976*

Boards and Committees (Current and/or Past Involvement)

- Board of Directors, International Association of Financial Engineers
- Board of Trustees, Futures Industry Institute
- Board of Trustees, Securities Industry Institute
- Associate Editor, "The Journal of Derivatives"
- Associate Editor, "The International Journal of Finance"
- Editorial Board, "Bank Asset Liability Management"
- Editorial Board, "Financial Practice and Education"
- Editorial Board, "The Journal of Futures Markets"
- Editorial Advisory Board, "Derivatives: Tax/Regulation/Finance"
- Associate Editor, "Journal of Applied Finance"
- Advisory Board, International Association of Financial Engineers
- Advisory Board, International Association for Quantitative Finance
- Book Development Advisory Board, Treasury Management Association
- Financial Accounting Standards Board Derivatives Implementation Group
- Board of Directors, Parents and Friends of Lesbians and Gays (NY Chapter)
- Board of Directors, Hatteras Financial (a REIT)
- Research Council of the Indian Institute of Finance
- Parents and Friends of Lesbians and Gays (PFLAG), New York City Chapter

Adjunct Faculty Positions

Columbia University, Graduate School of Business (1986 - 1991)

Polytechnic University – Now, Polytechnic Institute of New York University -- (1995 - 1997)

Professional Associations

Association for Financial Professionals
Financial Management Association
Global Association of Risk Professionals (GARP)
International Association for Quantitative Finance (IAQF)
New York State Society of Certified Public Accountants
PRIMIA

Refereed Articles

- "Cash-and-Carry Trading and the Pricing of Treasury Bill Futures," The Journal of Futures Markets, Vol. No. 2, Summer 1984.
- "How and Why to Hedge a Short-Term Portfolio," Journal of Cash Management, January/February 1985.
- "A Comment on Figlewski's Hedging with Stock Index Futures: Theory and Application in a New Market," The Journal of Futures Markets, Fall 1985.
- "Hedging with Futures Contracts: Going the Extra Mile," Journal of Cash Management, July/August 1986. (Reprinted as a CME Strategy Paper, "Hedging with Futures Contracts: Going the Extra Mile.")
- "A Note: Debunking the Myth of the Risk-Free Return," The Journal of Futures Markets, June 1987. (Reprinted as a CME Strategy Paper, "Debunking the Myth of the Risk-Free Return.")
- "The Temporal Price Relationship Between S&P 500 Futures and the S&P 500 Index," (with Paul D. Koch and Timothy W. Koch) The Journal of Finance, December 1987.
- "Managing Cash Flow Risk in Stock Index Futures: The Tail Hedge," (with Timothy W. Koch) The Journal of Portfolio Management, Fall 1988.
- "To Hedge or Not to Hedge," Financial Analysts Journal, March/April 1989.
- "Interest Rate Swaps versus Eurodollar Strips," Financial Analysts Journal, September/October 1989.
- "Yield Opportunities and Hedge Ratio Considerations with Fixed Income Cash-and-Carry Trades," (with Timothy W. Koch), The Journal of Futures Markets, December 1989.
- "Intraday Relationships Between Volatility in S&P 500 Futures Prices and Volatility in the S&P 500 Index," (with Paul D. Koch and Timothy W. Koch), Journal of Banking and Finance, Volume 14, 1990.
- "Managing the Currency Risk of Non-Dollar Portfolios," Financial Analysts Journal, May/June 1991. (Reprinted as a CME Strategy Paper, "Managing the Currency Risk of Non-Dollar Portfolios.")
- "Determining the Relevant Fair Value(s) of S&P 500 Futures: A Case Study Approach," The Journal of Futures Markets, Volume 11 No. 4, August 1991. (Reprinted as a CME Strategy Paper, "Determining the Relevant Fair Value(s) of S&P500 Futures: A Case Study Approach.")

"Security Markets, Information, and Liquidity: Extensions to Futures and Options," Financial Practice and Education, Fall/Winter 1991.

"A Tactical Substitution Rule for Short-Term Interest Rate Hedging," (with Timothy W. Koch), Financial Analysts Journal, September/October, 1992.

"Choosing the Best Interest Rate Hedge Ratio," Financial Analysts Journal, September/October, 1992.

"A Novel Approach to Transactions-Based Currency Exposure Management," Financial Analysts Journal, November/December 1992. (Reprinted as a CME Strategy Paper, "A Novel Approach to Transactions-Based Currency Exposure Management.")

"Intraday Market Behavior and the Extent of Feedback Between S&P 500 Futures Prices and the S&P 500 Index," (with Paul D. Koch and Timothy W. Koch) The Journal of Financial Research, Summer, 1993.

"Foreign Exchange Hedge Management Tools: A Way to Enhance Performance," Financial Analysts Journal, September/October, 1993. (Reprinted as a CME Strategy Paper, "Foreign Exchange Hedge Management Tools: A Way to Enhance Performance.")

"Assessing the Intraday Relationship Between Implied and Historical Volatility," (with Paul Koch and John Peterson), The Journal of Futures Markets, May 1994.

"Comparing Eurodollar Strips to Interest Rate Swaps," Journal of Derivatives, Fall, 1994. (Reprinted as a CME Strategy Paper, "Comparing Eurodollar Strips to Interest Rate Swaps.")

"What was Good ... Got Better," Derivatives Quarterly, Fall 1994.

"Understanding Structured Notes," Derivatives Quarterly, Spring, 1995. (Reprinted as a CME Strategy Paper, "Understanding Structured Notes.")

"Eurodollar Bundles and Hedging Considerations," The Journal of Financial Engineering, Volume 4, Number 1, March 1995.

"Trading and Hedging with Option Calendar Spreads," Derivatives Quarterly, Summer, 1995.

"Intermarket Equity Spreads," Derivatives Quarterly, Winter 1995, Volume 2 No. 2.

"Deriving Zero-Coupon Rates: Alternatives to Orthodoxy," (with John Marshall) Financial Analysts Journal, May/June 1996.

"Eurodollar/Euroyen Interest Rate Spreads vs. Japanese Yen Futures Calendar Spreads," Derivatives Quarterly, Summer 1996.

"Short-Term Interest Rate Hedging: Hedge Ratios Revisited," The Journal of Financial Engineering, Volume 5, Number 3. (Reprinted as a CME Strategy Paper, "Short-Term Interest Rate Hedging: Hedge Ratios Revisited.")

"What Government Finance Officers Should Know About Derivatives," Municipal Finance Journal, Volume 17, Number 3, Fall 1996.

"The Ted Spread," Derivatives Quarterly, Spring, 1997.

"Tailing Futures Hedges/Tailing Spreads," Journal of Derivatives, Winter, 1997.

"Hedge Interest Rates Now... Before It's Too Late," Journal of Derivatives, Spring, 1998.

"Hedging the Currency Exposure of a Non-Dollar Portfolio," Derivatives Quarterly, Winter 1998.

"Mid-Day Volatility Spikes in U.S. Futures Markets," The Journal of Futures Markets," Vol. 19, No. 2, April 1999.

"Meeting the 'Highly Effective Expectation' Criterion for Hedge Accounting," (with P. Koch), The Journal of Derivatives, Summer 2000.

"Volume and Volatility Surrounding Quarterly Redesignation of the Lead S&P500 Futures Contract," The Journal of Futures Markets," Vol. 21, No.12, December 2001.

"Calendar Spreads, Outright Futures Positions, and Risk," (with Paul D. Koch and Ludan Liu), The Journal of Alternative Investments, Winter 2002.

"What Analysts Need to Know about Accounting for Derivatives," Financial Analysts Journal, Volume 60, Number 2, March / April 2004.

"Alternative Hedge Accounting Treatments for Foreign Exchange Forwards," Journal of Derivatives Accounting, Vol. 1, No. 2, September 2004.

"Accounting and Economics: Will the Twain Meet for Mortgage Originators?" Journal of Derivatives Accounting, Vol. 2, No. 2, December 2005.

"A Comment on 'A Hedging Deficiency in Eurodollar Futures,'" The Journal of Futures Markets, February 2007.

"Interest Rate Swaps: Accounting vs. Economics," Financial Analysts Journal, Volume 63, Number 2, March/April 2007.

"Hedging Currency Exposures by Multinationals: Things to Consider," Journal of Applied Finance, Spring/Summer 2008

"Paved with Good Intentions," The CPA Journal, August 2009

"The Devil is in the Details: Problems, Solutions and Policy Recommendations with Respect to Currency Translation, Transactions and Hedging," (with John D. McDonald, L.G. "Chip" Harter, and Jeffrey P. Maydew), Taxes – The Tax Magazine, "63rd Annual University of Chicago Law School Federal Tax Conference," March 2011.

"The Effect of the Hedge Horizon on Optimal Hedge Size and Effectiveness when Prices are Cointegrated," (with Ted Jull and Paul D. Koch), The Journal of Futures Markets, Volume 32 Number 9, September 2012.

"Disclosures on Derivatives and Hedging Transactions: A Review of Best Practices," The CPA Journal, October 2012.

"Hedge Effectiveness Testing Revisited," (with Paul D. Koch), The Journal of Derivatives, Fall 2013.

"Designing a Proper Hedge: Theory versus Practice," (with Chao Jiang and Paul D. Koch), The Journal of Financial Research, Volume XXXIX Number 2, Summer 2016

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Books

Futures and Options Hedging Software: Foreign Exchange, Warren, Gorham, & Lamont, 1988.

Financial Futures and Options: Managing Risk in the Interest Rate, Currency and Equity Markets, Probus Publishing, 1992.

Management Guide for Preparing Hedging Documentation, (with Reva Steinberg), Association for Financial Professionals, 2002

Contributions to Books

"The Gold Spread as a Fixed Income Strategy," The Handbook of Fixed Income Securities, Fabozzi & Pollack (eds.), Dow Jones-Irwin, 1983.

"Speculating," Stock Index Futures, Fabozzi & Kipnis (eds.), Dow Jones-Irwin, 1984.

"Management of Foreign Exchange Rate Risk," International Banking and World Economic Growth, S.K. Kaushik (ed.), 1987.

"The Relationship Between the S&P 500 Index and the S&P 500 Index Futures Prices," (with Paul D. Koch and Timothy W. Koch) Federal Reserve Bank of Atlanta Economic Review, May/June 1988. (Reprinted as a CME Strategy Paper, "The Relationship Between the S&P500 Index and S&P500 Index Futures Prices.")

"Interest Rate Futures Contracts," Corporate Investments Manual, Alan D. Seidner (ed.), 1989.

"Using Futures Contracts to Manage Foreign Exchange Rate Exposure," in Management of Currency Risk, Volume II, Boris Antl (ed.), 1989.

"A Swap Alternative: Eurodollar Strips," Interest Rate Swaps (Carl R. Beidleman, ed.), 1990.

"Applications of Eurodollar Futures and Options," Commercial Bank Investment Manual, Ed Mennis (ed.), 1991.

"Trading the S&P MidCap 400 Futures Contract," S&P MidCap 400 1992 Directory, 1992.

"Introduction to Options Applications," The Handbook of Interest Rate Risk Management, Chapter 12, Irwin Professional Publishing, 1993. (Reprinted as a CME Strategy Paper, "A Primer on Delta/Gamma Neutrality.")

"Hedging Strategies Using Derivatives," Derivative Strategies for Managing Portfolio Risk, Association for Investment Management Research, 1993. (Reprinted as a CME Strategy Paper, "Understanding Derivative Structures: Beyond the Basics.")

Appendix B of Chapter 7, "Foreign Exchange Trading -- A Better Way," Commercial Bank Investment Management Manual, Sheshunoff Information Services, April 1994.

Chapter 15, "Innovations in Currency Markets: Rolling Spot Contracts," New Advances in Financial Economics, Pergamon, 1995

"What Every Treasurer Needs to Know About Interest Rate Risk," Reprinted in TMA Risk Management Compendium, 1995.

Chapter 14, "Managing Cash Flow Risk in Stock Index Futures: The Tail Hedge," (with Timothy W. Koch), The Handbook of Derivative Instruments, Irwin Professional Publishing, 1996. (Reprinted from The Journal of Portfolio Management, Fall, 1988.)

"Appendix A - Application of Eurodollars Futures and Options," Commercial Bank Investment Management Manual, Sheshunoff Information Services, 1997.

Chapter 10, "Hedging the Currency Exposure of a Non-dollar Portfolio," Global Investment Risk Management, McGraw-Hill, 1999.

"Guide for Preparing Hedging Documentation," (with Reva Steinberg), Accounting and Disclosure for Derivative Instruments, BNA Accounting Policy & Practice Portfolio 5112 (Worksheet 7), 2007.

Chapter 2, "Incorporating Prepayment Risk Considerations when Making Hedging Decisions" (with Timothy Koch), Asset Liability Management in Banks, Emerging Challenges, Icfai University Press, 2007 (Reprinted from Bank Asset Liability Management, March 2006.

Chapter 22, "Accounting for Financial Derivatives," Financial Derivatives Pricing and Risk Management, John Wiley & Sons, Inc., 2009.

Chapter 24, "Musings about Hedging," Financial Engineering, John Wiley & Sons, Inc., 2011.

Newsletters

"Currency Futures Seen as a Tool to Tame Strengthening Dollar," Journal of Commerce Financial Futures and World Commodity Marketing Issue, October 28, 1983.

"Basis Adjustments Seen Fostering Minor Flaws in Hedging with Futures" Journal of Commerce, March 4-7, 1984.

"Treasury Bills/Eurodollar Spread Expands Trading Opportunities," Journal of Commerce, November 15, 1984.

"Financial Futures: Many Applications for Banks Regardless of Which Way Interest Rates Move," Bank Asset/Liability Management, January 1985.

"Five Steps for Setting Up a Liability-Side Hedge - Part I," Bank Asset/Liability Management, February 1985.

"Five Steps for Setting Up a Liability-Side Hedge - Part II," Bank Asset/Liability Management, March 1985.

"Synthetic Hedges Help to Improve Portfolio Performance Without Altering Maturity Structure," Bank Asset/Liability Management, April 1985.

"Managing Interest Rate Risk with Options on Eurodollar Futures," Broker's Networking News, July 1, 1985.

"The Rudiments of Options on Futures," Bank Asset/Liability Management, July 1985.

"Hedging with Options on Eurodollar Futures," Broker's Networking News, August 26, 1985.

"Talking to Your Futures Broker," Bank Asset/Liability Management, October 1985.

"The Box Spread," Broker's Networking News, October 21, 1985.

"New Tools for Managing Interest Rate Risk," Bank Asset/Liability Management, January 1986.

"Banking Applications for Currency Futures Contracts," Bank Asset/Liability Management, June 1986.

"Hedging With Options on Eurodollar Futures," Bank Asset/Liability Management, September 1986.

"Using the Short Hedge for S&P 500 Futures," Bank Asset/ Liability Management, October 1986.

"Hedging: Understanding the Underlying Concept Before You Start," Bank Asset/Liability Management, November 1986.

"Minimizing Interest Rate Risk Through Cross-Hedging," Bank Asset/Liability Management, December 1986.

"Funding Liabilities with Synthetic Deposits: An Example," Bank Asset/Liability Management, February 1987.

"Deciding When to Put on a Hedge: Gaining the Consensus of Your ALCO," Bank Asset/Liability Management, March 1987.

"The 'Mispricing' of Eurodollar Futures," Bank Asset/Liability Management, June 1987. (Reprinted as a CME Strategy Paper, "The (Mis)Pricing of Eurodollar Futures.")

"Volatility Considerations in Trading with Options on Futures," Bank Asset/Liability Management, July 1987.

"Currency Futures Arbitrage -- And What It Might Mean to You," Bank Asset/Liability Management, February 1988.

"Determining Fair Value for Futures," Bank Asset/Liability Management, March 1988.

"Interest Rates in Disguise," Bank Asset/Liability Management, October 1988.

"Opportunities in Euro-Rate Differential Futures - Part II," Bank Asset/Liability Management, April 1989.

"Using Cross-Currency Trades in Asset/Liability Management," Bank Asset/Liability Management, May 1989.

"Exploiting DIFF Mispricings," Bank Asset/Liability Management, December 1989.

"Relative Interest Rate Risk: New Tools For An Old Problem," Bank Asset/Liability Management, March 1990.

"Using One-Month LIBOR Futures to Manage Basis Risk," Bank Asset/Liability Management, February 1991.

"The Use of CME Cross-Rate Futures by Interbank Dealers," Bank Asset/Liability Management, June 1991.

"Profiting from Convergence," Merrill Lynch Futures & Options Newsletter, June/July 1991.

"To Stack or Strip -- That is the Question," Bank Asset/Liability Management, October 1991.

"Put/Call Parity: The Foundations of Options Pricing," Bank Asset/Liability Management, January 1992.

"Introducing Options and Futures for Euromark Exposures," Bank Asset/Liability Management, May, 1993.

"Foreign Exchange Trading - A Better Way," Bank Asset/Liability Management, January, 1994.

"How A/L Managers Can Effectively Use the Interbank Foreign Exchange Market," (with David Goone) Bank Asset/Liability Management, August, 1994.

"Managing Duration: Some Alternative Methods," Bank Asset/Liability Management, Volume 11, No. 6, June 1995.

"Exchange-Traded Derivatives," Bank Asset/Liability Management, Vol. 12, No. 3/March 1996.

"The Latest FASB Hedge Accounting Proposal: Implications for Futures Users," Futures & Derivatives Law Report, July 1996, Volume 16, Number 5.

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"FASB Accounting: Hedge Accounting Rules for Derivative Instruments: An Eleventh Hour Perspective," Futures and Derivatives Law Report, September 1997.

"Updates and Enhancements: Innovations in Futures and Options Markets," Bank Asset/Liability Management, January 1998

"Formulating a Risk Management Plan," Bank Asset/Liability Management, October 1998.

"The Demise of Synthetic Instrument Accounting," Bank Asset/Liability Management, May 1999.

"Preparing for FAS 133," Futures & Derivatives Law Report, December 1999.

"FAS 133: System Worries," Bank Asset/Liability Management, May 2001.

"Documenting Interest Rate Hedges," Bank Asset/Liability Management, March 2002.

"Hedging with Swaps: When Shortcut Accounting Can't be Applied," Bank Asset/Liability Management, June 2003.

"Hedging Foreign Exchange with Currency Futures: What A.VL Managers Need to Know, (Part 1)" Bank Asset/Liability Management, August 2003.

"Hedging Foreign Exchange with Currency Futures: What A.VL Managers Need to Know, (Part 2)" Bank Asset/Liability Management, September 2003.

- "CME Options on Brazilian Real Futures," Bank Asset/Liability Management, December 2003.
- "Overuse of Interest Rate Swaps," Bank Asset/Liability Management, November 2004.
- "FAS 133 Documentation: Points to Consider," Bank Asset/Liability Management, August 2005.
- "Incorporating Prepayment Risk Considerations When Making Hedging Decisions," (with Timothy Koch) Bank Asset/Liability Management, March 2006.
- "Long Haul Hedge Accounting," Bank Asset/Liability Management, December 2006.
- "Hedging Portfolios," Bank Asset/Liability Management, May 2007.
- "Watching out for FAS 157: Fair Value Measurement," Bank Asset/Liability Management, April 2008.
- "Pricing Swaps: Once Upon a Time...", Bank Asset/Liability Management, March 2009.
- "Attracting Deposits," Bank Asset/Liability Management, March 2010.
- "Derivatives Basics," Bank Asset/Liability Management, December 2010.
- "The Role of Forward Rates in Pricing Interest Rate Derivatives," Bank Asset/Liability Management, May 2011.
- "Hedging in the Face of Prepayment Risk," Bank Asset/Liability Management, August 2011.
- "Why Hedge Interest Rate Exposures," Bank Asset/Liability Management, March 2012.
- "Hedging Interest Rate Exposures under the Dodd-Frank Regime," Bank Asset/Liability Management, April 2013.
- "Choosing Between Interest Rate Swaps and Eurodollar Strips," Bank Asset/Liability Management, September 2013.
- "Pros and Cons of Hedging Book Values," Bank Asset/Liability Management, January 2014.
- "Hedging Bank Portfolios: Framing the Issue," Bank Asset/Liability Management, September 2014.
- "Evolution of Over-the-Counter Derivatives and Associated Accounting Considerations," Bank Asset/Liability Management, January 2015.
- "Synthetic Debt, Repos, and Dollar Rolls," Bank Asset Liability Management, July 2015.
- "The Two Faces of Market Risk," Bank Asset/Liability Management, January 2016.
- "Nuances of Novation: Hedge Accounting Considerations," Bank Asset Liability Management, March 2016.
- "Hedging Loan Commitments," Bank Asset Liability Management, July 2016.
- "Perspectives on the Proposed Accounting Update for Derivatives and Hedging," Bank Asset Liability Management, December 2016.
- "Accommodating to Loan Customers' Preferences," Bank Asset Liability Management, March 2017.

"Interest Rate Swaps: Economics and Accounting," Bank Asset Liability Management, July 2017.

"Back-to-Back Swap Strategy," Bank Asset Liability Management, September 2017.

Trade Publications

"Liability Side Gap Management: A Discussion of Risks and Opportunities," The Federal Home Loan Bank of Cincinnati Quarterly Review, Volume I, 1983.

"Selective Hedging in Currencies Can Mean Profits Plus Protection," Commodities, June 1982.

"Options Beat Futures?" Commodities, July, 1983.

"After A Forecast--What Next?" Futures World, July 21, 1983.

"Implementing a Hedging Strategy," Quarterly Statement, November, 1984 Volume VI, Number 6.

"The Futures Contract Alternative," The Bankers Magazine, March/April 1985. (Reprinted as a CME Strategy Paper, "The Futures Contract Alternative.")

"A Declaration of Rate Independence," Intermarket, June 1985.

"New Tools for Managing Interest Rate Risk," The World of Banking, July-August 1985.

"The Options Paradox," Intermarket, February 1986.

"Funding Through Futures," Bank Administration, September 1986.

"Risk Management: Creating Synthetic Treasury Bills with T-Bill Futures," International Financing Review, October 25, 1986.

"An Insurance Policy That Covers Forex Exposure," Corporate Finance, October 1986.

"Identifying Cheap Sources of Funds," Financial Managers' Statement, January 1987.

"Options on Currency Futures," The Bankers Magazine, January/ February 1987.

"The Beta Bogey," Futures Magazine, July 1987.

"Currency Option Calendar Spreads," Intermarket, October, 1987.

"Stock Index Futures: Getting Practical," Investment Management Review, January/February 1988.

"A Primer on Eurodollar Strips," Financial Managers' Statement, April 1988.

"Applications for Options on Currency Futures," International Capital Markets: New Directions (S. Kaushik), January 1989.

"International Traders Soon Can Use 'DIFFs' to Hedge Currencies," Futures Magazine, April 1989.

"Managing Interest Rate Risk with Options on Eurodollar Futures," Canadian Treasurer, October 1989.

- "New Futures Contracts Boost Choices," Financial Managers Statement, Sept./Oct. 1990.
- "Exploiting the Futures Basis," Investing, Fall 1990.
- "It's all in the Timing," International Treasurer," June 21, 1999.
- "Stacking Vs. Stripping with Eurodollar Futures," Financial Managers' Statement, July/August 1991.
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- "Profiting from Convergence," Technical Analysis of Stocks & Commodities, February, 1992.
- "Playing Hardball on the Yield Curve," Treasury and Risk Management, Spring 1992.
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- "A Look at Two Mechanisms for Locking in Forex Rates," Knight Ridder Financial Products & News, July/August 1994.
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"Minimizing Income Volatility When Hedging with Options," AFP Exchange, March/April 2001.

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"Expensing Stock Options: Right Answer... Wrong Solution," AFP Exchange, January/February 2004.

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