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EDUCATION

- UNIVERSITY OF MICHIGAN, ANN ARBOR
Ph.D. (Finance, International Business), 1986.
- EASTERN MICHIGAN UNIVERSITY.
MS (Accounting, Finance), 1980
- N.I.O.C., COLLEGE OF ACCOUNTING & FINANCE.
B.A. (Accounting), 1977.

EXPERIENCE

- THE UNIVERSITY OF MASSACHUSETTS, AMHERST.
Professor of Finance, 2004-Present
Associate Professor of Finance, 1992-2003.
Assistant Professor of Finance, 1986-1991.
- CHARTERED ALTERNATIVE INVESTMENT ANALYST ASSOCIATION
Managing Director, Curriculum and Examination, 2008-2012
Senior Advisor, Curriculum and Examination, 2012-Present
- ESSEC BUSINESS SCHOOL, CERGY-PONTOISE, FRANCE
Visiting Professor of Finance, Fall 1999
- THE UNIVERSITY OF MICHIGAN, ANN ARBOR.
Assistant Professor of International Finance, 1986.
Teaching Assistant, 1985-1986.
Research Assistant, 1981-1985.
- AMIN & CO. (Chartered Accountants)
Auditor, 1974-1977.

PROFESSIONAL ACTIVITIES

- Director: *Center for International Securities and Derivatives Markets (cisdm.org)*.
- Editorial Boards of Academic Journals:
 - Founding Editor of *Alternative Investment Analyst Review*;
 - Editor of *The Journal of Alternative Investments*;

– Member of Editor Board: *Scientific Journal of Management Science and Engineering*, *Journal of Financial Risk Management*

- Chair, Curriculum Committee of *Akamai Initiative* (www.akamaiinitiative.org)
- Consultant to: *AIAF Co.*, *Kaplan Inc*, *Morgan Stanley*, *Procter & Gamble Co.*, *The Common Fund*, *Evaluation Associates Inc.*, *Avanti Consulting Group*, *Thomson Financial Services*, *Citibank*, *Zurich Capital Markets*, *Dow Jones Co.*, *Solomon Smith Barney*, *Credit Agricole*, *Societe General*, *UBS*, *Credit Swiss*.
- Referee for: *American Economic Review*; *Journal of Financial and Quantitative Analysis*; *Journal of International Business Studies*; *Journal of International Financial Markets, Institutions, and Money*; *Financial Management*; *Journal of Economics and Business*; *Review of International Economics*; *Global Finance Journal*; *Journal of Mathematical Finance*; *Mathematical Letters*; *Annals of Operations Research*, *Quantitative Finance*, *Global Business & Economics Review*. *Journal of Banking & Finance*, *Review of Financial Economics*.
- Program Committees: Financial Management Association, Global Finance Association, Eastern Finance Association, Academy of International Business.
- Discussant and Session Chairs: American Finance Association, Financial Management Association, Global Finance Association, Eastern Finance Association, Academy of International Business, Western Finance Association.
- *Chartered Financial Analyst*

PRIMARY AREAS OF RESEARCH & CONSULTING

- Asset Pricing and Derivative Valuations Models
- Portfolio Selection, Optimal Hedging Strategies
- Alternative Investment Products
- Performance Evaluation
- Dynamic Trading Strategies
- Valuation of Derivatives and Structured Products
- Strategic and Tactical Asset Allocation

BOOKS

- *The New Science of Asset Allocation: Risk Management in a Multi-Asset World* (Wiley Finance) (Schneeweis, Crowder and Kazemi), 2010.
- *CAIA Knowledge Series Level II: Current and Integrated Topics*, Editor Hossein Kazemi, (Institutional Investors), 2012
- *CAIA Level I: An Introduction to Core Topics in Alternative Investments* (Wiley Finance) (Chambers, Anson, Black and Kazemi), Forthcoming 2015
- *CAIA Level II: Advanced Core Topics in Alternative Investments* (Wiley Finance) (Kazemi, Black, Chambers), Forthcoming 2016
- *Post Modern Investment* (Wiley Finance) (Crowder, Schneeweis and Kazemi), 2013

PUBLISHED ARTICLES & BOOK CHAPTERS

1. "An Alternative Testable Form of Consumption CAPM." *The Journal of Finance* 143, (March 1988), 61-70.
2. "A Multiperiod Asset-Pricing Model with Unobservable Market Portfolio." *The Journal of Finance* 143, (September 1988), 1015-1024.
3. "Dispersion of Beliefs, Asset Prices, and Noisy Aggregation of Information." *The Financial Review* 26, (February 1991), 1-14.
4. "Time-Varying Risk Premium in Forward Exchange Contracts and Deviations from PPP." *Recent Developments in International Banking and Finance* 4, (1991), 177-202.
5. "The Multi-Period CAPM and the Valuation of Multi-Period Stochastic Cash Flows." *Journal of Financial and Quantitative Analysis* 26, (June 1991), 223-231.
6. "The Demand and Supply of Forward Exchange Contracts Under Incomplete Information." (with Gunter Dufey) *The Journal of Economics and Business* 43, (November 1991), 339-352.
7. "An Intertemporal Model of Asset Prices in a Markov Economy with Limiting Distribution." *The Review of Financial Studies* 5, (1992), 85-104.
8. "The Effects of International Integration of Financial Markets on Interest Rates." (with Mahnaz Mahdavi), *Journal of International Financial Markets, Institutions, and Money* Vol. 2, (1992), 71-88.
9. "Return Generating of Long-Term Bonds and Measurement of Risk: Theory and Empirical Tests." (with Nikolas Milonas and Prasad Nanisetty), *The Review of Quantitative Finance and Accounting*, Vol. 5, (1995), 231-241.
10. "Mean-Reversion, Random Walk and Jumps in Real Exchange Rates." (with V. Anantha Nageswaran and Mahnaz Mahdavi), *The International Journal of Finance* Vol. 7 (1995), 1040-1062.
11. "Volatility and Nonfundamental Uncertainty in Exchange Rates." (with Mahnaz Mahdavi) *Economic Inquiry*, Vol. 34, (1996), 168-182.
12. "International Convergence of Interest Rates." (with V. A. Nageswaran and Dolly Warotamasikkhadit). *Global Finance Journal* Vol. 8 No 2, (1997), 240-256.
13. "Recent Developments in International Asset Allocation and Currency Risk Management," *The Journal of Alternative Investments*. Vol. 1 No 1 (1998), 66-75.
14. "Time-Varying Risk and Return in the Bond Market: A Test of a New Equilibrium Pricing Model." (with Cynthia Campbell and Prasad Nanisetty) *The Review of Financial Studies*, Fall 1999, 630-642
15. "The Effects of Deviations from Random Walk on Option Prices" (with Thomas Henker), *Derivatives Quarterly*, Fall 1999, 49-59.
16. "Revealing the Market Price of Risk from the Short-Term Rate Processes," (With G. Georgiev and M. Mahdavi), *Studies in Economics and Finance*, Autumn 2002, 19-39.
17. "Understanding Hedge Fund Performance: Research Issues Revisited (Part I)," (with T. Schneeweis and G. Martin), *Journal of Alternative Investments*, Winter 2002.
18. "Understanding Hedge Fund Performance: Research Issues Revisited (Part II)," (with T. Schneeweis and G. Martin), *Journal of Alternative Investments*, Spring 2003.
19. "Performance Measurement Issues for Investors," (with T. Schneeweis and R. Spurgin), 2003, *Fund of Hedge Funds*, Sohail Jaffar (editor), Euromoney Institutional Investors Publications, London.

20. "Hedge Fund Classification Methods," (with B. Gupta and A. Daglioglu), 2003, in *Hedge Fund Reader*, Beard Books, Maryland.
21. "Manager-Based Hedge Fund Indices: Do They Really Differ and Does it Matter?," *The Monitor*, Vol 18, No 4, August 2003, pp. 1-9.
22. "Estimates of the Short-Term Process in an Arbitrage-Free Framework" (With Brett Salazar and Mahnaz Mahdavi), *International Journal of Theoretical and Applied Finance*, 2004
23. "Omega as a Measure of Performance," (With Tom Schneeweis and Raj Gupta), *Journal of Performance Evaluation*, 2004
24. "The Behavior of Emerging Closed-End Country Funds and Investment Trusts Premia During the Asian Financial Crisis of 1997-1998," (with Urbi Garay), *The International Journal of Finance*, Volume 15, No. 2, 2004.
25. "The Impact of Leverage on Hedge Fund Risk and Return," (with Schneeweis, Martin, and Karavas), *Journal of Alternative Investments*, Spring 2005.
26. "Private Placement of Life Insurance," (With J.C. Bouges), *Journal of Wealth Management*, Winter 2005.
27. "Conditional Performance of Hedge Funds: Evidence From Daily Data," (With Ying Li), *European Financial Management*, Vol 13, March 2007.
28. "Factor Exposures and Hedge Fund Operational Risk: The Case of Amaranth," (With Bhaswar Gupta), *Alternative Investment Quarterly*, Vol 23, September 2007.
29. "International Financial Integration and the Performance of International Mutual Funds" with Saira Latifi, *The International Journal of Finance*, Vol 19, No. 4, 2007, pages 4514-4532.
30. "Bid-Ask Spread in a Competitive Market with Institutions and Order size," (With Malay Dey), *Review of Quantitative Finance & Accounting*, Vol 30, May 2008, p 433-453.
31. "Momentum in Asset Returns: Are Commodity Returns a Special Case?," (T. Schneeweis and R. Spurgin), *Journal of Alternative Investments*, Spring 2008, 23-36.
32. "Replication and Benchmarking of Hedge Funds,"(with Feng Tu and Ying Li), *Journal of Alternative Investments*, Fall 2008, Vol. 11, No. 2, pp. 40-59.
33. "Abnormal Return Patterns and Hedge Fund Failures," (With Raj Gupta), *Risk Management of Financial Institutions*, December 2008.
34. "Market Timing of CTAs: An Examination of Systematic and Discretionary CTAs," (With Ying Li), *Journal of Futures Markets*, Volume 29, Issue 11, Date: November 2009, pp. 1067-1099.
35. "SDF Based Test of International Financial Integration," (With Saira Latif), *Global Journal of Finance and Economics*, Volume 6, No. 1, 2009, pp. 1-18.
36. "Collaring the Cube: Protection Options for a QQQ ETF Portfolio," (With Ed Szado), *The Journal of Alternative Investments*, Spring 2009, pp. 24-42
37. "Reaction of Credit Default Swap Markets to Changes in Credit Rating of Sovereign Debt Emerging Economies," (With I. Ismailicu), *Journal of Banking and Finance*, 34, 2010, 2861-2873.
38. "Credit Derivatives," in *CAIA Knowledge Series Level II: Current and Integrated Topics*, Institutional Investors, 2011.

39. "Asset Class and Strategy Investment Tracking Based Approaches," (With G.B. Crowder and T. Schneeweis), *The Journal of Alternative Investments*, Winter 2011, 81-101.
40. "Hedge Fund Database Deconstruction, (With Schneeweis & Szado), *Journal of Alternative Investments*, Fall 2011, No 2, 65-88
41. "Is There Any Contagion in Emerging Debt Markets?" (With I. Ismailescu), in *Financial Contagion: The Viral Threat to the Wealth of Nations* Ed. Robert Kolb, Wiley and Sons, 2011.
42. "An Introduction to Risk Parity," *Alternative Investments Analyst Review*, September 2011. Also published in *CAIA Knowledge Series Level II: Core and Integrated Topics*, Institutional Investors, 2012
43. "Setting the Benchmark: Spotlight on Private Equity," (With Szado, Zeltser and Swamy), *Alternative Investments Analyst Review*, Vol 1, No 1, March 2012, pp. 6-20.
44. "Contagion or Interdependence in Emerging Debt Markets?", (with Ismailescu), *Banking and Finance Review*, December 2011, pp 1-16.
45. "Hedge Fund Return-Based Style Estimation: A Review of Comparison Hedge Fund Indices," (Schneeweis, Kazemi and Szado), *The Journal of Alternative Investments* Fall 2012, Vol. 15, No. 2: pp. 24-53

FUNDED RESEARCH

1. "Conditional Asset Allocation," Funded with a grant from *Evaluation Associates Inc*, 1999, \$10,000.
2. "Hedge Funds: Absolute or Relative Returns?" (with T. Schneeweis) Funded with a grant from *Family Office Association*, 2002, \$10,000.
3. "Hedge Funds and Transparency," (with T. Schneeweis) Funded with a grant from *Alternative Investment Management Association*, 2003, \$15,000.
4. "Eurex Derivative Products in Alternative Investments: The Case for Hedge Funds," (with T. Schneeweis and V. Karavas), Funded with a grant from *European Exchange (EUREX)*, 2003, 25,000.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS

1. "Testing for Capital Market Integration Using Pricing Kernel Approach", (with Urbi Garay) 1998 Annual Meetings of Financial Management Association
2. "Asian Crisis and the Behavior of Closed-end Funds," (with Urbi Garay) 1999 Annual Meetings of Financial Management Association
3. "Using the Term Structure Data to Estimate the Pricing Kernel," (with Jay Jung) 1999 Annual Meetings of Financial Management Association
4. "Revealing the Market Price of Risk from the Short-Term Rate Processes, 1999 Annual Meetings of Financial Management Association.
5. "Performance Measurement of Hedge Funds," Institutional Investors Conference, 2001.
6. "Asset Allocation and Alternative Investments," Pension and Endowment Conference, 2001
7. "Hedge Funds in Institutional Portfolios," UBS Investor Conference, 2002
8. "Understanding Hedge Fund Performance," Society for Quantitative Financial Analysis, 2002,
9. "Alternative Investments: Risk and Return," Analyst Society of New York, 2003

10. "Leverage and Survivorship Among Hedge Funds," (with Ying Li) Eastern Finance Association, 2003
11. "Incentive and Risk Taking," (with Ying Li), Financial Management Association, 2004.
12. "Portable Alpha and Funds of Hedge Funds," Institutional Investors Conference, 2005.
13. "Efficient Replication of Hedge Fund Strategies," GAIM Annual Conference, 2006.
14. "Conditional Performance of Hedge Funds," European Financial Management Meetings, 2006.
15. "A New Test of International Integration of Financial Markets," (With Saira Latif) Financial Management Association, 2006
16. "International Mutual Funds and Integration of Financial Markets," (With Saira Latif) Financial Management Association, 2006
17. "Replication of Hedge Funds," Global Asset Management Conference, London, 2007.
18. "Introduction to Alternative Assets," Private Wealth Management Association, Monte Carlo, 2007
19. "Managerial Incentives and Risk Shifting," (with Ying Li), Eastern Finance Association, 2010
20. "Benchmarking of Private Equity Funds," (with E. Szado and G. Swamy) Family Office Forum, Boston, 2011

ACADEMIC

- Courses Taught:

- Undergraduate

- * Introduction to Financial Management of Corporations
- * Financial Markets and Institutions
- * Bank Management
- * Investments
- * International Financial Markets Management of Multinational Corporations

- MBA

- * Capital Markets and Institutions
- * International Financial Markets Management of Multinational Corporations
- * Financial Management of Corporations

- Ph.D.

- * Financial Economics
- * Advanced Investment Theory

- Developed and Graded Ph.D. Core and Comprehensive Examinations.

- Chaired[†] or served on Ph.D. Dissertation Committees of: David Echaverria, Sanjay Nawalkha, Devashis Mitra[†], Ajeyo Banerjee, Gordon Johnson, Nirnajan Chipalkatti, Karthikyan Sankaran[†], Sudhir Nanda, Sudhir Sundaresan[†], V. Anantha Nageswaran[†], Aslihan S. Altay, Richard Spurgin, Linda Jang, Brett Salazar[†], Dolly Warotamasikhhadit[†], Pady Jalali[†], Urbi Garay[†], Jay Jung[†], Malay Dey[†], Scott MacKey[†], Saira Latif[†], Taewon Yang, Yongjin Park, David Duramus, Bhaswar Gupta[†], Georgi Georgiev[†], Cossett Chichiro, Ying Li[†], Iuliana Ismailescu[†], Hyuna Park, Chris Schwarz, James Forest[†], Ed Szado[†], Li Cai, Gong Zho, Jian Du, Feng Tu, Chi Zhang[†].

SERVICE CONTRIBUTIONS TO THE UNIVERSITY

- Helped Secure Donation of Zurich Database to the University in 2002. Estimated total value of donation is \$8 million.
- Director of Center for International Securities & Derivative Markets, 2013-Present
- Associate Director of Center for International Securities & Derivative Markets, 1996-2013
- Member of MBA Program Redesign, 2013-Present
- Member of MBA Curriculum Committee, 2011-Present
- Director of Ph.D. Programs, Isenberg School of Management, 1998-2002.
- Chair of PhD Program Policy Committee, Isenberg School of Management, 1998-2002
- Personnel Committee of Finance and Operations Management Department, 1987-1991,1998, 2002, 2003, 2004-2009, 2011-present
- University Committee on Parking (Chair), 1988-1990.
- University Research Council, 1990-1993, 2004-2007
- Faculty Research Grant Evaluation, 1990-1993, 2004-2007.
- Director of Finance Ph.D. Program, 1993-1998.
- Member of Isenberg School of Management MBA Program Policy Committee, 2008-2009, 2011-present
- Member of Isenberg School of Management Ph.D. Program Policy Committee, 1993-1998.
- Member of University Committee on Computer, 1995-1997.
- Personnel Committee of the School of Management, 1996-1997
- Faculty Recruiting for the Finance and Operations Department, 1987, 1989, 1992, and 1995.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

- American Economic Association
- American Finance Association
- Academy of International Business
- Western Finance Association
- Society for the Promotion of Financial Studies
- International Association of Financial Engineers
- Society for the Promotion of Economic Theory
- Association for Investment Management and Research.