

Gurdip S. Bakshi
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1. Personal Information

Marital Status:

- Married to Xiaohui Gao Bakshi
- Children: Sarab, Tyler, Avtar, and Santosh Bakshi

Education

1. Ph.D. (Economics), University of Wisconsin, May 1992
2. M.S. (Finance), University of Wisconsin, December 1989
3. M.S. (Economics), University of Wisconsin, May 1989
4. B.E. (Electrical Engineering), Punjab Engineering College, India, May 1985.

Current Position (starting, July 1 2018)

Marvin Wachman Endowed Professor, Fox School of Business,
Department of Finance, Temple University, Philadelphia, PA 19122.

**Academic Director, Doctor of Science-Global Finance, Fox-Tsinghua
joint program.** January 2019—now.

Past Positions

1. **Dean's Professor of Finance**, Robert H. Smith School of Business,
University of Maryland, College Park, MD, November 2003-June 1 2018.
2. **Smith Professor of Finance and Professor of Finance**, Robert H. Smith
School of Business, University of Maryland, July 2003-November 2003.
3. **Associate Professor of Finance (with tenure)**, Smith Business School,
University of Maryland, August 1998-August 2003.
4. **Assistant Professor of Finance**, Smith Business School, University of
Maryland, July 1996-August 1998.
5. **Assistant Professor of Economics and Finance**, School of Business,
University of New Orleans, July 1992-May 1996.

Research Impact

Web of Science Citations: 3,859 (as of January 2024)

Scopus Citations: 4,294 (as of January 2024)

Google Scholar Citations: 13,178 (as of January 2024)

Top five cited published articles

- Gurdip Bakshi, Charles Cao and Zhiwu Chen, 1997, ``[Empirical Performance of Alternative Option Pricing Models](#)," **Journal of Finance** Volume 52, December 1997, p2003-2049. **Web of Science**: 1129 citations
- Gurdip Bakshi, Nikunj Kapadia , and Dilip Madan, 2003, ``[Stock Return Characteristics, Skew Laws, and the Differential Pricing of Individual Equity Options](#)," **Review of Financial Studies** 16 (1), 101-143. **Web of Science**: 585 citations
- Gurdip Bakshi and Nikunj Kapadia, 2003, ``[Delta-Hedged Gains and the Negative Volatility Risk Premium](#)," **Review of Financial Studies** 16 (2), 527-566. **Web of Science**: 373 citations
- Gurdip Bakshi and Dilip Madan, 2000, ``[Spanning and Derivative-Security Valuation](#)," **Journal of Financial Economics** 55, No. 2, 2000, 205-238. **Web of Science**: 320 citations
- Gurdip Bakshi and Zhiwu Chen, 1996, ``[The Spirit of Capitalism and Stock Market Prices](#)," **American Economic Review**, Vol. 86, No. 1, 1996, p133-157. **Web of Science**: 172 citations

Editorial Appointments

- Co-Editor, **Review of Derivatives Research** (2007-present)
- Associate Editor, **Commodities** (2023-)
- Associate Editor, **Journal of Banking and Finance** (2017-)
- Associate Editor, **Journal of Financial and Quantitative Analysis** (2005 to present; term extended to 2017; extended to 2021; term completed)
- Associate Editor, **Journal of Financial Markets** (2012 to present)
- Associate Editor, **Review of Quantitative Finance and Accounting** (2023 to present)
- Associate Editor, **Journal of Financial Econometrics** (2001 to 2020; term completed)
- Associate Editor, **Review of Asset Pricing Studies** (2010-2014; term completed)
- Associate Editor, **Review of Financial Studies** (2006 to 2009; term completed)
- Associate Editor, **Journal of Financial Risk Management** (2012 to present)
- Associate Editor, **Risks** (2012 to 2019; term completed)
- Associate Editor, **The North American Journal of Economics and Finance**

- Associate Editor, **Review of Derivatives Research** (2005-2007)
- Associate Editor, **Journal of International Business Studies (JIBS)** (2007-2010; term completed)
- Associate Editor, **Review of Financial Economics** (2001 to present)

Honors

- Distinguished Research Lecture, Tulane University, 2017
- Top 50 most cited article in the Journal of Finance (on JF website)
- Keynote speech, Korea
- Keynote speech, Changsha
- FDIC Fellow (2005)
- Dice Fellow, Ohio State University (Summer 1997)
- Joe Wickler Teaching award
- Best referee award, Review of Financial Studies in 2006 and 2010

References

1. Darrell Duffie, Stanford Graduate School of Business, duffie@stanford.edu
2. Campbell Harvey, Fuqua Business School, Duke University, cam.harvey@duke.edu
3. Ravi Jagannathan, Kellogg School of Management, Northwestern University, rjaganna@kellogg.northwestern.edu
4. George Constantinides, Booth School, University of Chicago, George.constantinides@chicagobooth.edu
5. G. Andrew Karolyi, Samuel Curtis Johnson Graduate School of Management, Cornell University, gak56@cornell.edu
6. Francis Longstaff, Anderson School of Management, UCLA, francis.longstaff@anderson.ucla.edu
7. Jiang Wang, Sloan School of Management, MIT, wangj@mit.edu

2. Research

a. Articles in Refereed Journal.

1. Gurdip Bakshi and John Crosby and Xiaohui Gao, “[Do Investors Gain by Selling the Tails of Return Distributions?](#)”, Forthcoming at **Mathematical Finance**
2. Gurdip Bakshi and John Crosby and Xiaohui Gao and Jinming Xue and Wei Zhou, “[The Options-Inferred Equity Premium and the Slippery Slope of The Negative Correlation Condition](#)”, Forthcoming at **Journal Of Investment Management**, 2024.
3. Gurdip Bakshi and Xiaohui Gao and Zhaowei Zhao, “What Insights Do Short-Maturity (7DTE) Return Predictive Regressions Offer about Risk Preferences in the Oil Market?” **Commodities** 3(2), 2024, 225-247, <https://doi.org/10.3390/commodities3020014>
4. Gurdip Bakshi and John Crosby and Xiaohui Gao and Jorge W. Hansen, “Treasury Option Returns and Models with Unspanned Risks” **Journal of Financial Economics** 150 (3), 2023, 1-32, <https://doi.org/10.1016/j.jfineco.2023.103736>.
5. Gurdip Bakshi and John Crosby and Xiaohui Gao, “Dark Matter in (Volatility and) Equity Option Risk Premiums.” **Operations Research** 70 (6), 2022, 3035-3628.
6. Gurdip Bakshi and Xiaohui Gao and Jinming Xue, “Recovery with Applications to Forecasting Equity Disaster Probability and Testing the Spanning Hypothesis in the Treasury Market.” **Journal of Financial and Quantitative Analysis** 58 (4), 2023, 1808-1842. June Issue
7. Gurdip Bakshi and Xiaohui Gao and Zhaodong Zhong, "Decoding Default Risk: A Review of Modeling Approaches, Findings, and Estimation Methods," **Annual Review of Financial Economics** volume 14, 2022, 391-413.
8. Gurdip Bakshi and Xiaohui Gao and George Panayotov, “A Theory of Dissimilarity Between Stochastic Discount Factors.” **Management Science** Volume 67, No. 7, 2021, 4602-4622.
9. Gurdip Bakshi and Charles Cao and Zhaodong (Ken) Zhong, Assessing models of individual equity option prices, **Review of Quantitative Finance and Accounting** Volume 57, Issue 1, pages: 1- 28, 2021
10. Gurdip Bakshi and Fousseni Chabi-Yo, “New Entropy Restrictions and the Quest for Better Specified Asset Pricing Models.” **Journal of Financial and Quantitative Analysis.** Volume 54, Issue 6, pages:2517-2541, 2019.

11. Gurdip Bakshi, Xiaohui Gao, and Alberto Rossi, "Understanding the Sources of Risk Underlying the Cross-section of Commodity Returns." **Management Science**, Volume 65, No. 2, 619-641, February 2019.
12. Gurdip Bakshi, Marrio Cerrato, and John Crosby, "Implications of Incomplete Markets for International Economies." **Review of Financial Studies**, Volume 31, No. 10, 4017-4062, 2018.
13. Gurdip Bakshi, Fousseni Chabi-Yo, and Xiaohui Gao, "A Recovery that We Can Trust? Deducing and Testing the Restrictions of the Recovery Theorem." **Review of Financial Studies** 2018, 31(2), 532-555.
14. Gurdip Bakshi and Dilip Madan and George Panayotov, "Heterogeneity in Beliefs and Volatility Tails." **Journal of Financial and Quantitative Analysis** 2015, volume 50 (6), 1389-1414, December.
15. Gurdip Bakshi and George Panayotov, "Currency Carry Trade Return Predictability and Asset Pricing Implications," **Journal of Financial Economics** 2013, Volume 110, 139-163.
16. Gurdip Bakshi and Fousseni Chabi-Yo, "Variance Bounds on the Permanent and Transitory Components of Stochastic Discount Factors," **Journal of Financial Economics** 2012, Volume 105, 191-208.
17. Gurdip Bakshi, George Panayotov, and Georgios Skoulakis. Improving the Predictability of Real Economic Activity and Asset Returns with Forward Variances Inferred from Option Portfolios, **Journal of Financial Economics** 2011, Volume 100, 475-495.
18. Gurdip Bakshi, and Liuren Wu, "The Behavior of Risk and Market Prices of Risk over the Nasdaq Bubble Period." **Management Science**, Volume 56, No. 12, December 2010, 2237-2250.
19. Gurdip Bakshi, and Georgios Skoulakis, "Do Subjective Expectations Explain Asset Pricing Puzzles," **Journal of Financial Economics** 98, (2010), 462-477.
20. Gurdip Bakshi, Dilip Madan, and George Panayotov, "Returns of Claims on the Upside and the Viability of U-Shaped Pricing Kernels," **Journal of Financial Economics** 97 (2010), 130-154.
21. Gurdip Bakshi, Dilip Madan, and George Panayotov. "Deducing the Implications of Jump Models for the Structure of Crashes, Rallies, Jump Arrival rates and Extremes," **Journal of Business and Economic Statistics (JBES)**, (doi: 10.1198/jbes.2009.06176), July 2010, Volume 28, No. 3, 380-396.

22. Gurdip Bakshi, and George Panayotov, "First Passage Probability, Jump Models, and Intra-Period Risk," **Journal of Financial Economics** **95**, 2010, 20-40.
23. Gurdip Bakshi, Peter Carr, and Liuren Wu, "Stochastic Risk Premiums, Stochastic Skewness in Currency Options, and Stochastic Discount Factors in International Economies," **Journal of Financial Economics** 87 (January 2008), 132-156.
24. Gurdip Bakshi and Dilip Madan, "A Theory of Volatility Spreads," **Management Science** 2006, 52, Issue 12, ([December 2006](#)), 1945-1956.
25. Gurdip Bakshi, Nengjiu Ju, and Hui Ou-Yang, "Estimation of Continuous-time Models with an Application to Equity Volatility," **Journal of Financial Economics** 82, 227-249 ([October 2006](#)).
26. Gurdip Bakshi, Dilip Madan, and Frank Zhang, "Investigating Role of Systematic and Firm-Specific Factors in Default Risk: Lessons from Empirically Evaluating Credit Risk Models," **Journal of Business** 2006, 79, No. 4, 1955-1988 ([July 2006](#)).
27. Gurdip Bakshi and Nengjiu Ju, "A Refinement to Ait-Sahalia's (2000) Maximum Likelihood Estimation of Discretely Sampled Diffusions: A Closed-form Approximation Approach," **Journal of Business**, 2005, Volume 78, No. 5, 2037-2052 ([September 2005](#)).
28. Gurdip Bakshi, and Zhiwu Chen, "Stock Valuation in Dynamic Economies," **Journal of Financial Markets**, [2005](#), Volume 8, No. 2, 111-151.
29. Gurdip Bakshi and Nikunj Kapadia, "Volatility Risk Premium Embedded Individual Equity Options: Some New Insights," **Journal of Derivatives** ([Fall issue 2003](#)), 45-54.
30. Gurdip Bakshi and Nikunj Kapadia, 2003, "[Delta-Hedged Gains and the Negative Volatility Risk Premium](#)," **Review of Financial Studies** 16 (2), 527-566.
31. Gurdip Bakshi, Nikunj Kapadia, and Dilip Madan, 2003, "[Stock Return Characteristics, Skew Laws, and the Differential Pricing of Individual Equity Options](#)," **Review of Financial Studies** 16 (1), 101-143.
32. Gurdip Bakshi and Dilip Madan, 2002, "[Average-Rate Contingent Claims with Emphasis on Catastrophe Loss Options](#)," **Journal of Financial and Quantitative Analysis** Vol. 37 No. 1, March 2002, p93-115.
33. Gurdip Bakshi, Charles Cao, and Zhiwu Chen, 2000, "[Do Call Prices](#)

- [and the Underlying Stock Always Move in the Same Direction?"](#)
Review of Financial Studies 13, Fall 2000, p549-584.
34. Gurdip Bakshi and Dilip Madan, 2000, ``[Spanning and Derivative-Security Valuation](#)," **Journal of Financial Economics** 55, No. 2, 2000, p205-238.
 35. Gurdip Bakshi, Charles Cao, and Zhiwu Chen, 2000, ``[Pricing and Hedging Long-Term Options](#)," **Journal of Econometrics**, 94, 2000, p277-318.
 36. Gurdip Bakshi, Charles Cao and Zhiwu Chen, 1997, ``[Empirical Performance of Alternative Option Pricing Models](#)," **Journal of Finance** Volume 52, December 1997, p2003-2049.
 37. Gurdip Bakshi and Zhiwu Chen, 1997, ``[Equilibrium Valuation of Foreign Exchange Claims](#)," **Journal of Finance** 52, 1997, p799-826.
 38. Gurdip Bakshi and Zhiwu Chen, 1997, ``[An Alternative Valuation Model for Contingent Claims](#)," **Journal of Financial Economics** 44, 1997, p123-165.
 39. Gurdip Bakshi and Atsuyuki Naka, 1997, ``[An Empirical Investigation of Asset Pricing Models using Japanese Stock Market Data](#)," **Journal of International Money and Finance** 16, 1997, p81-112.
 40. Gurdip Bakshi and Zhiwu Chen, 1996, ``[Inflation, Asset Prices, and the Term Structure of Interest Rates in Monetary Economies](#)," **Review of Financial Studies**, Vol. 9, No. 1, 1996, p237-271.
 41. Gurdip Bakshi and Zhiwu Chen, 1996, ``[The Spirit of Capitalism and Stock Market Prices](#)," **American Economic Review**, Vol. 86, No. 1, 1996, p133-157.
 42. Gurdip Bakshi, Zhiwu Chen, and Yuki Naka, 1995, ``Production-Based Asset Pricing in Japan," **Pacific-Basin Finance Journal**, 3, 1995, p217-240.
 43. Gurdip Bakshi and Zhiwu Chen, 1994, ``[Baby Boom, Population Aging and Capital Markets](#)," **Journal of Business**, Vol. 67, No. 2, 1994, p165-202.

b. Other Research Publications

- Models of Currency Option Pricing, 1999, Advanced Tools for the Fixed-Income Professional, edited by N. Jegadeesh and B. Tuckman, John Wiley & Sons, Inc. (with Zhiwu Chen).
- Gurdip Bakshi, and Zhiwu Chen, ``Cash Flow Risk, Discounting Risk, and

the Equity Premium Puzzle.” Prepared for [Handbook of the Equity Risk Premium](#), Edited by Rajnish Mehra, North Holland, Amsterdam, pages 377-402, published 2008.

- Gurdip Bakshi and Michael Hartley, 2000, “Markowitz Models of Portfolio Selection: The Inverse Problem,” **Advances in Investment Analysis and Portfolio Management** 7, 2000, pages 55-89.

c. **Completed Papers**

1. Gurdip Bakshi and Xiaohui Gao and Yuan Hu, “Bundled Risks, Dollar Index Options, and Quantitative Implications for Dynamic Currency Models .”
 - Revise and Resubmit at **Review of Financial Studies**
2. Gurdip Bakshi and Xiaohui Gao and Zhaowei Zhang , “Evidence in Favor of Financialized of Gold and Against Disasterization” presented at FMA 2023,
 - Reject and Resubmit at **Journal of Financial Economics**
3. Gurdip Bakshi and John Crosby, “[An Impossibility Theorem for the Stationarity of Exchange Rates](#).”
 - Revise and Resubmit at **Finance and Stochastics**
4. Gurdip Bakshi, John Crosby, Xiaohui Gao, and Jorge W. Hansen, “Weekly Options, Stochastic Down and Up Jump Components, and Skewness of Treasury Bond Futures across Tenors.”
5. Gurdip Bakshi, Xiaohui Gao, and Zhaowei Zhang, “Implications of Stress-Driven Behaviors in 7DTE Stock and Volatility Options Markets.”
6. Gurdip Bakshi, John Crosby, Xiaohui Gao, and Jorge W. Hansen, “Be on Your Guard: 7DTE Options Markets and Safety Related Small Maturity Phenomena in Bond and Stock Markets.”
7. Gurdip Bakshi and John Crosby and Xiaohui Gao and Wei Zhou, “Implications of a General Formula for the Expected Excess Return of the Market.”
8. Gurdip Bakshi and John Crosby, “The Multiplicative Wedge Approach to Incomplete Markets and the Trifecta of Exchange Rate Puzzles.”
9. Gurdip Bakshi and Fousseni Chabi-Yo and Xiaohui Gao, “An Inquiry into the Nature and Sources of Variation in the Expected Excess Return of the Long-term Bond.”

10. Gurdip Bakshi and Fousseni Chabi-Yo and Xiaohui Gao, ``Why are the Average Carry Returns Flat over the Investment Horizon? The Message in the Entrails''
11. Gurdip Bakshi, George Panayotov, and Georgios Skoulakis , ``The Baltic Dry Index as a Predictor of Global Stock Returns, Commodity Returns, and Global Economic Activity.''
12. Vikas Agarwal, Gurdip Bakshi, and Joop Huij, `` Do Higher-Moment Equity Risks Explain Hedge Fund Returns.''
13. Gurdip Bakshi, and Dilip Madan, ``Investor Heterogeneity and the Non-Monotonicity of the Aggregate Marginal Rate of Substitution in Market Index.'' Revised 2013.
14. Gurdip Bakshi, and Nengjiu Ju, ``Is the Present-Value Relation Destined for Empirical Failures.''
15. Gurdip Bakshi, Dilip Madan, and Frank Zhang, ``[The Role of Recovery in Default Risk Models: Empirical Comparisons and Implied Recovery Rates.](#)''
16. Gurdip Bakshi and Zhiwu Chen, ``Asset Pricing Without Consumption or Market Portfolio Data.''
17. Gurdip Bakshi and Zhiwu Chen, ``Preferred Habitat Theory of the Term Structure of Interest Rates.''

d. Research Prizes and Awards

1. Top 15% Teacher Award, 2006-2007, Smith Business School
2. **Joe Wikler Award** for Teaching Excellence. April 2006.
3. **BSI Gamma Foundation Grant.** July 2005.
4. **FDIC Research Award and Fellow** at FDIC center for Financial Research. January 2005.
5. Top 15% Teacher Award for 2002-2003.
6. Top 15% Teacher Award for 2003-2004.
7. **Merton Miller Prize** 1994, for the best paper award paper entitled ``Baby Boom, Population Aging and Capital Markets" published in the Journal of Business, Vol. 67, No. 2.

8. **Chicago Board Options Exchange Competitive Research Award**, for the paper entitled "Production-Based Asset Pricing in Japan." presented at the PACAP Finance Conference in Jakarta, 1994.
9. **Dice Faculty Fellow**, Ohio State University, Summer 1997.
10. **I/B/E/S Competitive Research Award (runners-up)**, for the paper "Price-to-Earnings Ratio, Value-Norms, and Average Stock Returns."