

CURRICULUM VITA

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EMPLOYMENT

Associate Professor with tenure, CBA, University of Illinois at Chicago, 2004-present
Visiting Scholar, Kellogg School of Management, Northwestern University 2006-2007
Visiting Associate Professor, Olin School of Business, Washington University in St. Louis,
2004-2005
Assistant Professor, CBA, University of Illinois at Chicago, 1997-2004

EDUCATION

Ph.D. Social Sciences, 1998 - California Institute of Technology
MS Banking and Finance, 1993 - International University in Moscow
MS Applied Mathematics and Computational Methods, 1991; BS Applied Mathematics, 1989 -
Moscow Institute of Physics and Technology

PUBLICATIONS

“Construction and Interpretation of Model-Free Implied Volatility” with T. Andersen, 2007, in
Volatility as an Asset Class, (London: Risk Books), Ed. by I. Nelken, p. 141-181
“Statistical Arbitrage and Securities Prices,” 2003, *Review of Financial Studies*, Vol. 16, p.
875-919
“Estimation of Risk-Neutral Densities Using Positive Convolution Approximation,”
2003, *Journal of Econometrics*, Vol. 116, p. 85-112
“Specialist Participation and Limit Orders,” with J. Sung, 2003, *Journal of Financial Markets*,
Vol. 6, p. 539-571
“Competing Market Makers, Liquidity Provision, and Bid-Ask Spread,” 2001, *Journal of
Financial Markets*, Vol. 4, p. 269-308
“Expectations and Learning in Iowa,” with P. Bossaerts, 2000, *Journal of Banking and
Finance*, Vol. 24, p. 1535-1555

CONFERENCE PROCEEDINGS

“Statistical Arbitrage and Securities Prices,” 2002, *Proceeding of the North American Summer
Meetings of the Econometric Society (Finance)*

“Recovering Risk-Neutral Densities: A New Nonparametric Approach,” 2000, Proceedings of the CBOT 13th Futures Research Symposium

RECENT WORKING PAPERS

“Nonparametric Test of Affine Option Models,” 2007, working paper
 “Do Hedge Funds Sell Short Variance?” 2007, working paper
 “Variance Trading and Market Price of Variance Risk,” 2006, working paper
 “Why are Put Options So Expensive?” 2003, working paper; presented at AFA 2004
 “Market Price of Variance Risk and Performance of Hedge Funds,” 2004, working paper; presented at AFA 2006
 “Benchmark Good-Deal Bounds: An Application to Stochastic Volatility Models of Option Pricing,” with I. Longarela, 2004, working paper
 “On Market Efficiency and Joint Hypothesis,” 2001, UIC working paper

OTHER PROFESSIONAL ACTIVITIES

Invited presentations:

(presenter, unless otherwise noted as d – discussant, pd – presenter & discussant)

2007: Conference on Volatility and High Frequency Data, University of Illinois at Chicago

2006: American Finance Association (pd), Northwestern University, University of Chicago, Chicago Quantitative Alliance, Morningstar

2005: NBER Behavioral Finance Meeting (d), NYU/ISE Symposium “The Transformation of Options Trading” (d), European Summer Symposium in Financial Markets (d), IXIS/NYU Conference on Hedge Funds, University of Illinois at Chicago

2004: American Finance Association, Symposium “People & Money: The human factor in financial decision-making” (Chicago), European Summer Symposium in Financial Markets, Gutmann Center Symposium on Hedge funds (Vienna), McGill University, Northwestern University, Pennsylvania State University, University of Iowa, University of Texas at Dallas, University of Wisconsin at Madison, Washington University in St. Louis, Stockholm School of Economics

2002: North American Econometric Society, European Summer Symposium in Financial Markets (d), Caltech, Vanderbilt University, Yale University

2001: Western Finance Association, European Summer Symposium in Financial Markets, INSEAD, Stockholm School of Economics, University of Illinois at Chicago

2000: American Finance Association, European Finance Association, CBOT 13th Annual European Futures Research Symposium (Glasgow), The 7th Global Finance Conference (d), University of Chicago

1999: University of Illinois at Chicago

1998: University of Illinois at Chicago

1997: Western Finance Association, North American Econometric Society, University of Illinois at Chicago

1996: Caltech

Conference program committee: European Finance Association 2005

Conference session chair: North American Econometric Society 2002, ICSA Applied Statistics Symposium 2001

Ad hoc referee: Finance and Stochastics, Journal of Business and Economic Statistics, Journal of Econometrics, Journal of Economic Dynamics and Control, Journal of Finance, Journal of Financial and Quantitative Analysis, Journal of Financial Econometrics, Journal of Financial Markets, Mathematical Finance, Quantitative Finance, Review of Accounting and Finance, Review of Financial Studies

Sponsored Research: CRB Research Grant, 1999, UIC

HONORS AND AWARDS

REAP Fellowship, Caltech; 1993-1995

Diploma with Honors, Moscow Institute of Physics and Technology, 1991

Silver Medal, The 26th International Mathematical Olympiad, Helsinki, Finland; 1985

First prize, USSR Mathematical Olympiad; 1984 and 1985