Curriculum Vitae

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NINA BOYARCHENKO

Economist
Capital Markets Function
Federal Reserve Bank of New York

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EDUCATION

University of Chicago, Booth School of Business and Department of Economics
    Joint PhD in Finance and Economics 2011
University of Texas at Austin, Austin, TX
    B.S. (Mathematics: Applied) with high honors 2006
    Foundations of Business Certificate with high honors 2006

RESEARCH INTERESTS

Rational Inattention, Robustness Preferences, Interest Rate Models, Credit Risk Models

HONORS AND AWARDS

Winner, 1st Annual Morgan Stanley Prize for Excellence in Financial
Grossman Fellow for 2010-2011
Arnold Zellner Doctoral Prize, 2010
Fischer Black Fellowship, 2009-2010
AFA travel grant, 2009
Highbridge Capital Management Joint PhD Scholar Program in Financial Economics, 2006-2007
(College of Natural Sciences) Dean's Honored Graduate, Spring 2006
Distinguished College Scholar, Spring 2006
VIGRE Research Grant, Fall 2005-Spring 2006
Undergraduate Research Fellowship, 2005-2006
Unendowed Presidential Scholarship, 2005-2006
United Space Alliance Award for Excellence in Mathematics/Computational Sciences Research, 15 April, 2005
Distinguished College Scholar, Spring 2005
University Honors, Fall 2003-Spring 2006
Undergraduate Research Fellowship, 2004-2005

RESEARCH

Published Papers

- "Ambiguity Shifts and the 2007-2008 Financial Crisis", *Journal of Monetary Economics: Carnegie-NYU-Rochester Issue*, **59**:5 (July 2012), pp. 493-507
- "On errors and bias of Fourier Transform methods in Quadratic Term Structure Models" (joint with S. Levendorskiï), *International Journal of Theoretical and Applied Finance*, **10**:2 (2007), pp. 273-306
- "The eigenfunction expansion method in multi-factor Quadratic Term Structure Models" (joint with S. Levendorskiï), *Journal of Mathematical Finance*, **17**:4 (2007), pp. 503-539

Working Papers

- "Intermediary Leverage Cycles and Financial Stability", (joint with T. Adrian), 2012, Federal Reserve Bank of New York Staff Report No. 567
- "Information Acquisition and Financial Intermediation", 2012, Federal Reserve Bank of New York Staff Report No. 570
- "Estimating equations for a class of time-irreversible multi-factor models" (joint with S. Levendorskiï), Winter 2008, SSRN abstract #1088922
- "Are analysts right? Regime Switching in Quadratic Term Structure Models with macroeconomic and latent factors", Winter 2008, SSRN abstract #1094080
- "Turning off the tap: determinants of expropriation in the energy sector", Spring 2007, SSRN abstract # 963779
- "Asymptotic pricing in term structure models driven by jump-diffusions of Ornstein-Uhlenbeck type" (joint with S. Levendorskiï), Fall 2006, SSRN abstract # 890725
- "Exit in duopoly with asymmetric market shares under jump-diffusion uncertainty", Fall 2006, SSRN abstract # 884438

Work in Progress

- "Investing in capacity: Long-run effects of rational inattention", 2012 (joint with F. Duarte)

TEACHING EXPERIENCE

- Teaching assistant to Prof. Jeff Russell
  - GSBC 41203 (Financial Econometrics), Winter 2010
- Teaching assistant to Prof. John Heaton
  - GSBC 35130 (Fixed Income Asset Pricing), Spring 2009, Winter 2010
- Teaching assistant to Prof. Pietro Veronesi
  - GSBC 35130 (Fixed Income Asset Pricing), Fall 2008
  - GSBC 35132 (Financial Engineering), Winter 2008

PRESENTATIONS OF WORK

- **2012**: Duke University (Fuqua), Chicago Institute for Theory and Empirics (CITE), American Finance Association (Chicago)
- **2011**: Johns Hopkins University (Carey), Federal Reserve Board of Governors, Federal Reserve Bank of New York, Ohio State University (Fisher), Einaudi Institute for Economics and Finance, Bocconi University, Boston University (School of Management), Society for Advancement of Economic Theory (Faro), European Finance Association Meetings (Stockholm), Carnegie-Rochester-NYU Conference on Public Policy (Pittsburg), Deutsche Bank/Chicago Booth Symposium (Chicago)
- **2010**: Transatlantic Doctoral Business Conference
- **2009**: American Finance Association (San Francisco), Université Paris Marne-la-Valle, University of Leicester, Transatlantic Doctoral Business Conference, Econometric Society Summer Meetings (Boston), Society of Economic Dynamics Meetings (Istanbul), European Meetings of the Econometric Society (Barcelona)
- **2008**: Midwest Finance Association Meetings (San Antonio), Transatlantic Doctoral Business Conference, European Economic Association/ European Meetings of the Econometric Society (Milan)
- **2006**: Amamef Conference on Numerical Methods in Finance (Inria-Rocquencourt), Econometric Society Summer Meetings (Minneapolis)

PROFESSIONAL ACTIVITIES

Discussions:

2012: *Macroeconomic Financial Modeling (MFM) Meeting* (Sep.). Discussed S. Gilchrist and E. Zakrajsek – "What Do We Learn from Credit Market Evidence"

EFA, Copenhagen. Discussed: E. Morellec, J. Hugonnier and S. Malamud – "Credit Market Frictions and Capital Structure Dynamics"; R. Bansal, D. Kiku, I. Shaliastovich and A. Yaron – "Volatility, the Macroeconomy and Asset Prices"; R. F. Dittmar, J. Conrad and A. Hameed – "Cross-Market and Cross-Firm Effects in Implied Default Probabilities and Recovery Values"; N. Friewald, C. Wagner and J. Zechner – "The Cross-Section of Credit Risk Premia and Equity Returns"

AFA, Chicago. Discussed: H. Hong and D. Sraer – "Quiet Bubbles"

Journal Refereeing: Annals of Finance, Econometrica, Review of Financial Studies

OTHER INTERESTS

Soccer, tennis, sketching, dancing