AZAMAT ABDYMOMUNOV

The Federal Reserve Bank of Richmond	e-mail: azzy7062@gmail.com
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AREAS OF EXPERTISE

- Risk management and quantification, Stress testing, Forecasting, Financial accounting
- Term structure of interest rates, Operational risk, Wholesale credit risk, Securities, Fair value option loans, Counterparty credit risk, Market risk, Scenario design, Balance of payments compilation, and Analytical balance sheet compilation.
- Team management, Project design and management, Budget planning and execution, Teaching, Academic publications

PROFESSIONAL EXPERIENCE

- The Federal Reserve Bank of Richmond — 2010-present

  Quantitative Supervision and Research

  Positions: Sr. Manager - Financial Economist — 2014-present

  Senior Financial Economist (Senior professional) — 2013-2014

  Financial Economist — 2010-2013

  Responsibilities: manage a team of economists and research assistants (up to 12 team-members); a member of the Governance Committee and co-chair of the Operating Committee for Global Market Shock (GMS) scenario design; a member of the Model Consultative and Advisory Team (MCAT) for wholesale credit risk, securities, and fair-value-option loans; the lead for the Operational Risk Supervisory Modeling Team (SMT), oversee development of stress testing and risk quantification models; examine financial institutions in areas of risk quantification; academic research.
  Areas of expertise: operational risk, wholesale credit risk, securities, fair-value-option loans, counterparty credit risk, market shock scenario design, model development, team management, academic research.

- The World Bank, Country Office — 1999-2006

  Position: Economist (managed 6 team members: 4 full-time consultants, a research analyst, and a team assistant)
  Responsibilities: prepare and manage lending programs (areas: financial sector, energy sector, public debt, foreign trade, government budget planning and execution, fiscal decentralization); develop financial models for pricing utilities; macroeconomic forecasting; organize conferences.
  Areas of expertise: economic analysis, quantitative modeling, project design and management, team management.

- The National Bank of the Kyrgyz Republic (Central Bank) — 1993-1999

  Accounting and Regulatory Methodology Division — 1998-1999
  Position: Division Chief (managed 8 accounting experts)

  Economic Research and Analysis Department — 1993-1998
  Positions: Sector Head (managed 5 team members), Lead Economist, Economist

  Responsibilities: macroeconomic analysis and forecasting; compile and forecast balance of payments and balance sheets of the banking system, prepare regular publications of the National Bank; develop accounting procedures; examine banks in areas of solvency and liquidity risks; develop regulatory reporting; develop training programs.

Areas of expertise: quantitative modeling, balance of payments and analytical balance sheet complication, financial accounting, team management.

EDUCATION

- Ph.D. in Economics, Washington University in St. Louis 2006-2010
  Dissertation "Essays on Macro-Finance Relationships"
- M.A. in Economics, Washington University in St. Louis 2006-2007
- B.A. with honors, Computer science, 1988-1993
  The Kyrgyz National Technical University

OTHER TRAINING

Courses on leadership, communications, risk quantification, interest rate risk, ALM, credit risk, counterparty risk, operational risk, balance of payments statistics, foreign direct investment statistics, banking, financial programming, financial accounting, procurement, public finance.

PUBLICATIONS IN REFEREED ACADEMIC JOURNALS

- "U.S. Banking Sector Operational Losses and the Macroeconomic Environment" (with Filippo Curti and Atanas Mihov), *Journal Money Credit and Banking* (forthcoming).
- "Quantifying and Stress Testing Operational Risk with Peer Banks' Data" (with Filippo Curti), *Journal of Financial Services Research*, 57 (2020), 287–313.
- "Calculating Tail Quantiles of Compound Distributions" (with Filippo Curti and Hayden Kane), *Journal of Computational Finance*, 22-5 (2019).
- "Operational Risk and Risk Management Quality: Evidence from U.S. Bank Holding Companies" (with Atanas Mihov), *Journal of Financial Services Research*, 56-1 (2019), 73-93.
- "Tail Dependence and Systemic Risk in Operational Losses of the U.S. Banking Industry" (with Ibrahim Ergen), *International Review of Finance*, 17-2 (2017), 177-204.
- "Can Credit Spreads Help Predict a Yield Curve?" (with Kyu Ho Kang and Ki Jeong Kim), *Journal of International Money and Finance,* 64-C (2016), 39-61.
- "The Effects of Monetary Policy Regime-Shifts on the Term Structure of Interest Rates" (with Kyu Ho Kang), *Studies in Nonlinear Dynamics & Econometrics*, 19-2 (2015), 183–207.
- "Integrating stress scenarios into risk quantification models" (with Sharon Blei and Bakhodir Ergashev), *Journal of Financial Services Research*, 47-1 (2015), 57-79.
- "Stress Testing Interest Rate Risk Exposure" (with Jeff Gerlach), *Journal of Banking and Finance*, 49 (2014), 287–301.
- "Predicting Output Using the Entire Yield Curve", *Journal of Macroeconomics*, 37 (2013), 333-344.
- "Regime-Switching Measure of Systemic Financial Stress", *Annals of Finance,* 9 (2013), 455-470.
- "Time-Variation of CAPM Betas across Market Volatility Regimes" (with James Morley), *Applied Financial Economics,* 19 (2011), 1463-1478.

CONFERENCE AND SEMINAR PRESENTATIONS

- International Banking, Economics and Finance Association, San Diego, CA 2017
- Risk Modeling Forum, American Bankers Association, Pittsburg, PA 2017
- International Banking, Economics and Finance Association, Portland, OR 2016
- Risk Modeling Forum, American Bankers Association, Washington, DC 2016
- OpRisk North America, New York, NY 2015
- Risk Modeling Forum, American Bankers Association, Washington, DC 2015
- Risk Modeling Forum, American Bankers Association, Chicago, IL 2014

- 2014 Internal Stress Test Model Conference, FRB of Boston 2014
- Quantitative Congress, Supervision and Regulation, FRB of Chicago 2014
- Seminar, Research Department, FRB of San Francisco 2013
- The 32nd Annual International Symposium on Forecasting, Boston, MA 2012
- 2012 Global Finance Conference, Chicago, IL 2012
- Operational Risk Modeling Forum, American Bankers Association (discussant) 2011
- Quant Forum, OCC, Washington DC 2011
- 2011 American Economic Association Meetings, Denver 2011
- 10th Annual Missouri Economic Conferences - FRB of St. Louis 2010
- 2009 Midwest Macroeconomics Meetings, Indiana University in Bloomington 2009
- 9th Annual Missouri Economic Conferences – FRB of St. Louis 2009
- 2009 Annual Missouri Valley Economic Association Annual Conference, Kansas City 2009

TEACHING EXPERIENCE

Washington University in St. Louis,
Instructor 2008, 2009

- Money, Banking, and Financial Institutions

Teaching Assistant (for graduate and undergraduate students)

- Applied Financial Modeling; Applied Time-Series Econometrics;
- Money, Banking, and Financial Institutions; Introductory Microeconomics.

National Bank of the Kyrgyz Republic (Central Bank)
Instructor (for professionals from Central Bank, commercial banks, government institutions)

- Balance of Payments Statistics Reporting Requirements 1997, 1998
- Foreign Direct Investment Statistics Reporting Requirements 1998
- International Transaction Reporting System 1997, 1998

ACADEMIC REFEREE SERVICES

Journal of Empirical Finance, Journal of Financial Services Research, Journal of Macroeconomics, International Journal of Forecasting, Journal of Risk, Journal of Operational Risk, Quarterly Review of Economics and Finance.

AWARDS and HONORS

- William Taylor Award for Excellence in Supervision 2017
- Five Spot Awards of the World Bank for outstanding performance 2001-2006
- Two Letters of Honors, Golden and Silver coins of the National Bank for outstanding achievements 1995-1999

CODING SKILLS AND LANGUAGES

- MATLAB, GAUSS, Stata, EViews
- English (fluent), Kyrgyz (native), Russian (native level)