Matthew P. Linn

Contact Information	Department of Finance Isenberg School of Management University of Massachusetts Amherst MA 01003	*E-mail:* mlinn@isenberg.umass.edu

Employment: Assistant Professor of Finance, Isenberg School of Management,
University of Massachusetts, Amherst
2015-present

Education

University of Michigan, Ross School of Business
Ph.D. in Finance, 2015

University of Michigan
Ph.D. in Statistics, 2009

London School of Economics and Political Science
BSc Mathematics and Economics, 2004

Research Interests Empirical and theoretical asset pricing, financial econometrics, options, credit risk

Publications **Pricing Kernel Monotonicity and Conditional Information**
(with Sophie Shive and Tyler Shumway)
The Review of Financial Studies, Volume 31, Issue 2, 1 February 2018, Pages 493-531.

Working Papers

Uncovering Financial Constraints, R&R
(with Daniel Weagley)
Presentations: University of Massachusetts 2017, Northern Finance Association 2018, Virginia Tech 2018, Georgia Tech 2019, Dolomites Winter Finance Conference 2019, Financial Management Association 2019, Midwest Finance Association 2020, University of Florida Research Conference on Machine Learning in Finance (Scheduled)

One Vol to Rule Them All: Common Volatility Dynamics in Factor Returns, R&R
(with Nishad Kapadia and Brad Paye)
Presentations: Duke Financial Econometric Seminar 2019, Virginia Tech 2019, Binghampton University 2019, Oklahoma State University 2019, SFS Cavalcade 2020, European Finance Association 2020, Financial Management Association 2020

Characteristics and the Cross-Section of Covariances (with Charles Clarke)
Presentations: Northern Finance Association 2018, Financial Management Association 2019, University of Kentucky, American Finance Association 2023 (scheduled)

Understanding and Trading the Term Structure of Volatility
(with Jim Campasano)

Presentations: OptionMetrics Research Conference 2016, Isenberg School of Management 2016, Financial Management Association 2017 (*Semi-Finalist Best Paper in Derivatives*), ITAM 2017, Kansas State University 2017

Option Spreads and the Uncertain Cost of Equity Liquidity: Evidence from the Knightmare on Wallstreet (with Nikunj Kapadia)

Presentations: Syracuse University 2018, University of Massachusetts 2019, European Finance Association 2020

Risk and Return in Equity and Options Markets

Presentations: University of Massachusetts 2015, Emory University 2015, Purdue University 2015, University of Michigan 2015, Securities and Exchange Commission 2015, Brattle Group 2015.

PUBLICATIONS (PROBABILITY & STATISTICS)

Linn, M., A. Amirdjanova, Inverse stochastic transfer principle. *Communications on Stochastic Analysis.* 4 (2010), No. 1, 75–90.

Linn, M., A. Amirdjanova, Representations of the optimal filter in the context of nonlinear filtering of random fields with fractional noise, *Stochastic Processes and Their Applications.* 119, no. 8 (2009): 2481–2500.

Amirdjanova, A., M. Linn, Stochastic evolution equations for nonlinear filtering of random fields in the presence of fractional Brownian sheet observation noise. *Computers and Mathematics with Applications.* 55, no. 8 (2008): 1766–1784.

AWARDS

- Isenberg School of Management Research Award 2017
- Rodkey Fellowship (Ross School of Business)
- Nasdaq Fellowship (Ross School of Business)
- Neary Award (Ross School of Business)
- Gilmour Fellowship (Ross School of Business)
- Travel Award 32nd Conference on Stochastic Processes and Their Applicaitons
- Honorable Mention Outstanding Graduate Student Instructor Award, Department of Statistics, University of Michigan
- University of Michigan Department of Statistics Fellowship

STUDENTS SUPERVISED

- Jim Campasano (co-chair) 2018
- Fei Fang (committee member) 2019
- Ye Chen (committee member) 2019

TEACHING EXPERIENCE

- Finance 305 (Honors): *Investments*, 2018 - 2022
- Finance 510: *Financial Risk Management*, 2017 - 2022
- Finance 597FR: *Financial Risk Management*, 2015-2017
- Finance 597FX: *Fixed Income*, 2015-2016
- Finance 300: *Financial Management*, 2012

- Mathematics/Statistics 425: *Introduction to Probability*, Winter 2009, Spring 2009
- Statistics 508: *Statistical Analysis of Financial Data*, (Fall 2007, Fall 2008)
- Statistics 100: *Introduction to Statistical Reasoning*, (5 semesters: Winter 2005 – Winter 2007)
- Statistics 350: *Introduction to Statistics and Data Analysis*, (Summer 2005)

SERVICE:

- Organizer Isenberg Finance Seminar 2018-2020
- Organizer Isenberg Finance Brownbags 2018-2020
- Isenberg Curriculum Committee 2018-2022
- Finance Department liaison Isenberg Gives fundraising 2018-2022

AD HOC REFEREE: Journal of Finance, Review of Financial Studies, Journal of Financial and Quantitative Analysis, Management Science, Review of Asset Pricing Studies, Journal of Banking and Finance, Journal of Financial Econometrics, Journal of Alternative Investments, Journal of Derivatives, Journal of Futures Markets

COMPUTING   Matlab, SAS, R, STATA