Tyler Beason

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Contact Information

Department of Finance
W. P. Carey School of Business
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Education

Arizona State University — Tempe, AZ
Ph.D. in Finance — *expected* May 2021
Dissertation co-chairs: Rajnish Mehra and Sunil Wahal
GPA: 3.6/4.0

Bradley University — Peoria, IL
M.Sc. in Quantitative Finance — May 2015
GPA: 4.0/4.0; Academic Excellence Award

B.Sc. in Finance; B.Sc. in Mathematics — May 2014
GPA: 3.8/4.0; Honors Program, Magna Cum Laude,
Outstanding Graduate in Quantitative Methods, Kalman Goldberg Award

Research Areas

Asset Pricing, Tail Risk, Macrofinance, Algorithmic Trading, Computational Finance

Research

∗ = presentation by co-author, presentations include scheduled

Job Market Paper

Cash Flows in Equilibrium Asset Pricing Models
Presentations: *ASU*
I propose a method to model cash flows in macrofinance asset pricing models in a manner that respects equilibrium market clearing and matches the timing and nature of cash flow risk.

Papers in the Editorial Process

On Sources of Risk Premia in Representative Agent Models (with David Schreindorfer)
*Revise & Resubmit at **Journal of Political Economy***
Presentations: *Carnegie Mellon*, Iowa*, Washington*, Federal Reserve Board*, ASU*, MFA 2020*, 7th SAFE Asset Pricing Workshop*, Alabama**
We decompose the equity premium in the return dimension using option prices and a novel empirical decomposition.

Working Papers

The Anatomy of Trading Algorithms (with Sunil Wahal)
Submitted
Presentations: *NBER Big Data and HPC in Economics*, ASU*, Microstructure Exchange*, Purdue*, Virginia*, SMU*, EFA 2020, World Symposium on Investment Research 2020, FMA 2020, NBER Big Data and Securities Markets*
We shed light on modern financial markets by examining the design and behaviors of commonly-employed trading algorithms.

Heterogeneity and Household Portfolio Choice
Presentations: *ASU*
Many proposed solutions to bring household life-cycle portfolio choice models in line with the average risky share fall far short of generating sufficient cross-sectional heterogeneity in portfolio allocations at nearly every point in the life-cycle.

Work in Progress

The Mathematics of Saving
Financial accounts admit more than one portfolio interpretation. I show how one can use portfolio theory to analyze future account values given a savings schedule.

Pre-PhD Work

Simulation of a Financial Market: The Possibility of Catastrophic Disequilibrium (with Amit Sinha, Philip Horvath, and Kelly Roos)
Chaos, Solitons, & Fractals, 2019, 125, 13-16.

Teaching Experience

Instructor

FIN300 Fundamentals of Finance (UGRD), ASU	Summer 2018
Mean evaluation 6.6/7.0	
FIN700 Research Methods (PhD), ASU	2016-2017

Teaching Assistant

FIN525 Investments (MBA), ASU	2018-2020
FIN421 Security Analysis & Portfolio Mgmt (UGRD), ASU	Spring 2016

Service

Committees

ASU Finance Doctoral Committee	2016-2017, 2019-2020
Foster College of Business Curriculum Committee	2014-2015

Referee

Journal of Banking and Finance, Emerging Markets Review

Professional Affiliations

American Economic Association, American Finance Association, Financial Management Association, European Finance Association

Committee

Rajnish Mehra (Co-chair)	Professor of Finance and Economics
W. P. Carey School of Business	+1 480-965-6335
Arizona State University	rajnish.mehra@asu.edu
E.N. Basha Arizona Heritage Endowed Chair	
Sunil Wahal (Co-chair)	Jack D. Furst Professor of Finance
W. P. Carey School of Business	+1 480-965-8755
Arizona State University	sunil.wahal@asu.edu
Seth Pruitt	Associate Professor of Finance
W. P. Carey School of Business	+1 480-727-0762
Arizona State University	seth.pruitt@asu.edu
David Schreindorfer	Assistant Professor of Finance
W. P. Carey School of Business	+1 480-965-6212
Arizona State University	david.schreindorfer@asu.edu

Skills

Julia, MATLAB, SAS, git, LaTeX, Big Data, HPC

Citizenship

United States of America

Employment History

Arizona State University
Graduate Research Assistant — Aug 2015 - Present
Tempe, AZ

Bradley University
Graduate Assistant — May 2014 - May 2015
Student Tutor — Aug 2013 - Jun 2014
Peoria, IL

Robert Bosch Tool Corporation
Financial Analyst Intern — May 2013 - Aug 2013
Peoria, IL

RLI Insurance
Risk Services Intern — Feb 2012 - Oct 2012
Peoria, IL

RLI Insurance via DPA Services
Risk Services Intern — Nov 2011 - Feb 2012
Peoria, IL

Staples Inc.
EasyTech Associate — Jun 2008 - Aug 2011
Mattoon, IL