# Tyler Beason

Contact Information

Department of Finance

W. P. Carey School of Business

Arizona State University

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tbeason.com

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

Research

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

\* = 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

Instructor

EXPERIENCE

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

 $+1\ 480-965-6335$ 

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E.N. Basha Arizona Heritage Endowed Chair

Sunil Wahal (Co-chair)

Jack D. Furst Professor of Finance

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Arizona State University

Associate Professor of Finance

Seth Pruitt
W. P. Carey School of Business

 $+1\ 480-727-0762$ 

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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 Tempe, AZ	Aug 2015 - Present
	Bradley University Graduate Assistant Student Tutor Peoria, IL	May 2014 - May 2015 Aug 2013 - Jun 2014
	Robert Bosch Tool Corporation Financial Analyst Intern Peoria, IL	May 2013 - Aug 2013
	RLI Insurance Risk Services Intern Peoria, IL	Feb 2012 - Oct 2012
	RLI Insurance via DPA Services Risk Services Intern	Nov 2011 - Feb 2012

Peoria, IL

EasyTech Associate Jun 2008 - Aug 2011 Mattoon, IL