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| CONTACT INFORMATION | Department of Finance W. P. Carey School of Business Arizona State University | +1 480-735-9791 tbeason@asu.edu tbeason.com |
| EDUCATION | Ph.D., Finance Arizona State University, Tempe, AZ <i>Committee:</i> Rajnish Mehra, Sunil Wahal, Seth Pruitt, David Schreindorfer GPA 3.6/4.0 M.Sc., Quantitative Finance B.Sc., Finance; B.Sc., Mathematics Bradley University, Peoria, IL Graduate GPA 4.0/4.0, Undergraduate GPA 3.8/4.0 Honor's Program, <i>Magna Cum Laude</i> Outstanding Graduate in Quantitative Methods | Expected May 2021 May 2015 May 2014 |
| RESEARCH AREAS | Asset Pricing, Tail Risk, Macrofinance, Algorithmic Trading, Computational Finance | |
| RESEARCH | <p><i>* = presentation by co-author, presentations include scheduled</i></p> <p>Job Market Paper</p> <p>Cash Flows in Equilibrium Asset Pricing Models</p> <p>Presentations: <i>ASU</i></p> <p>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.</p> <p>Papers in the Editorial Process</p> <p>On Sources of Risk Premia in Representative Agent Models (with David Schreindorfer) <i>Revise & Resubmit at Journal of Political Economy</i></p> <p>Presentations: <i>Carnegie Mellon*</i>, <i>Iowa*</i>, <i>Washington*</i>, <i>Federal Reserve Board*</i>, <i>ASU*</i>, <i>MFA 2020*</i>, <i>7th SAFE Asset Pricing Workshop*</i></p> <p>We decompose the equity premium in the return dimension and find that the moderate left tail is the region that contributes the bulk of the risk premium.</p> <p>Working Papers</p> <p>The Anatomy of Trading Algorithms (with Sunil Wahal) <i>Submitted</i></p> <p>Presentations: <i>NBER Big Data and HPC in Economics*</i>, <i>ASU*</i>, <i>Microstructure Exchange*</i>, <i>Purdue*</i>, <i>Virginia*</i>, <i>SMU*</i>, <i>EFA 2020</i>, <i>World Symposium on Investment Research 2020</i>, <i>FMA 2020</i>, <i>NBER Big Data and Securities Markets</i></p> <p>We shed light on modern financial markets by examining the design and behaviors of commonly-employed trading algorithms.</p> <p>Heterogeneity and Household Portfolio Choice</p> <p>Presentations: <i>ASU</i></p> <p>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.</p> | |

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