

## EXPERIENCE

THE UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS, ECONOMETRICS AND STATISTICS Postdoctoral Scholar	2018 - PRESENT
THE UNIVERSITY OF TEXAS AT AUSTIN MCCOMBS SCHOOL OF BUSINESS, STATISTICS GROUP Graduate Research Assistant	2013 - 2018
GOLDMAN SACHS & CO. INVESTMENT MANAGEMENT DIVISION Analyst	2011 - 2012
WESLEYAN UNIVERSITY MATHEMATICS AND PHYSICS DEPARTMENTS Teaching Assistant	2009 - 2011
THE UNIVERSITY OF CALIFORNIA, LOS ANGELES INSTITUTE FOR PURE AND APPLIED MATH Researcher	SUMMER 2010
MAX PLANCK INSTITUTE, GÖTTINGEN, GERMANY DYNAMICS AND SELF-ORGANIZATION Researcher	SUMMER 2009

## EDUCATION

THE UNIVERSITY OF TEXAS AT AUSTIN MCCOMBS SCHOOL OF BUSINESS, STATISTICS GROUP PH.D., Statistics	2018
THE UNIVERSITY OF TEXAS AT AUSTIN MCCOMBS SCHOOL OF BUSINESS, STATISTICS GROUP M.S., Statistics	2015
WESLEYAN UNIVERSITY HONORS IN MATHEMATICS, PHI BETA KAPPA B.A., Mathematics and Physics	2011

## PUBLICATIONS

*Portfolio Selection for Individual Passive Investing*  
DAVID PUELZ, P. RICHARD HAHN, AND CARLOS CARVALHO  
APPLIED STOCHASTIC MODELS IN BUSINESS AND INDUSTRY (TO APPEAR)

*Regularization and Confounding in Linear Regression for Treatment Effect Estimation*

P. RICHARD HAHN, CARLOS CARVALHO, DAVID PUELZ, AND JINGYU HE

BAYESIAN ANALYSIS 13 (2018). NO 1

*Variable Selection in Seemingly Unrelated Regressions with Random Predictors*

DAVID PUELZ, P. RICHARD HAHN, AND CARLOS M. CARVALHO

BAYESIAN ANALYSIS 12 (2017). NO 4

*Monotonic Effects of Characteristics on Returns*

JARED FISHER, DAVID PUELZ, AND CARLOS CARVALHO

REVISION (2019)

*Financial Literacy and Economic Outcomes*

DAVID PUELZ AND ROBERT PUELZ

SUBMITTED (2019)

*A Graph-Theoretic Approach to Randomization Tests of Causal Effects Under General Interference*

DAVID PUELZ, PANOS TOULIS, GUILLAUME BASSE, AND AVI FELLER

SUBMITTED (2019)

*Fisher meets BART: Randomization Inference for the Average Treatment Effect*

DAVID PUELZ AND PANOS TOULIS

WORKING PAPER

*Randomization Inference and Optimal Test Statistic Combination*

DAVID PUELZ, PANOS TOULIS, AND CONNOR DOWD

WORKING PAPER

*Optimal ETF Selection for Passive Investing*

DAVID PUELZ, P. RICHARD HAHN, AND CARLOS CARVALHO

WORKING PAPER

## PRESENTATIONS

A Graph-Theoretic Approach to Randomization Tests of Causal Effects Under General Interference

DESIGN AND ANALYSIS OF EXPERIMENTS — UNIVERSITY OF TENNESSEE, KNOXVILLE

KNOXVILLE, TN — OCTOBER 2019

A Graph-Theoretic Approach to Randomization Tests of Causal Effects Under General Interference

ADVANCES WITH FIELD EXPERIMENTS — UNIVERSITY OF CHICAGO

CHICAGO, IL — SEPTEMBER 2019

A Graph-Theoretic Approach to Randomization Tests of Causal Effects Under General Interference (Poster)

\*Best Poster prize winner

SOCIETY FOR POLITICAL METHODOLOGY ANNUAL MEETING — MIT

CAMBRIDGE, MA — JULY 2019

Monotonic Effects of Characteristics on Returns

EASTERN ASIA ISBA CONFERENCE — KOBE UNIVERSITY

KOBE, JP — JULY 2019

A Graph-Theoretic Approach to Randomization Tests of Causal Effects Under General Interference  
ECONOMICS WORKSHOP — KEIO UNIVERSITY  
TOKYO, JP — JULY 2019

Monotonic Effects of Characteristics on Returns  
SEMINAR ON BAYESIAN INFERENCE IN ECONOMETRICS AND STATISTICS — BROWN UNIVERSITY  
PROVIDENCE, RI — MAY 2019

Randomization Tests of Causal Effects Under General Interference  
ATLANTIC CAUSAL INFERENCE CONFERENCE — MCGILL UNIVERSITY  
MONTREAL, CA — MAY 2019

Randomization Tests of Causal Effects Under General Interference  
INTERNATIONAL CONFERENCE ON DESIGN OF EXPERIMENTS — UNIVERSITY OF MEMPHIS  
MEMPHIS, TN — MAY 2019

Randomization Tests of Causal Effects Under General Interference  
CHICAGO BOOTH ECONOMETRICS AND STATISTICS SEMINAR  
CHICAGO, IL — FEBRUARY 2019

Monotonic Effects of Characteristics on Returns  
CHICAGO BOOTH RESEARCH WORKSHOP  
CHICAGO, IL — DECEMBER 2018

Utility-based Feature Selection for Econometrics  
INTERNATIONAL SOCIETY FOR BAYESIAN ANALYSIS WORLD MEETING  
EDINBURGH, UK — JUNE 2018

Posterior Summarization  
UNIVERSITY OF NOTRE DAME MENDOZA SCHOOL OF BUSINESS  
SOUTH BEND, IN — NOVEMBER 2017

Utility-based Feature Selection for Finance and Econometrics  
FROM PHD SEMINAR. UNIVERSITY OF TEXAS.  
AUSTIN, TX — NOVEMBER 2017

Regret-based Selection  
INFORMS ANNUAL MEETING  
HOUSTON, TX — OCTOBER 2017

Sparse Dynamic Portfolio Selection  
JOINT STATISTICAL MEETINGS  
BALTIMORE, MD — AUGUST 2017

Sparse Dynamic Portfolio Selection  
INFORMS ADVANCES IN DECISION ANALYSIS  
AUSTIN, TX — JUNE 2017

### Regret-based Selection

SEMINAR ON BAYESIAN INFERENCE IN ECONOMETRICS AND STATISTICS — WASHINGTON UNIVERSITY  
ST. LOUIS, MO — MAY 2017

### Penalized Utility Estimators in Finance

IROM DEPARTMENT SYMPOSIUM. UNIVERSITY OF TEXAS  
AUSTIN, TX — FEBRUARY 2017

### Posterior Summarization in Finance

IROM PHD SEMINAR. UNIVERSITY OF TEXAS  
AUSTIN, TX — NOVEMBER 2016

### Sparse Mean-Variance Portfolios

JOINT STATISTICAL MEETINGS  
CHICAGO, IL — AUGUST 2016

### Penalized Utility Estimators in Finance

INTERNATIONAL SOCIETY FOR BAYESIAN ANALYSIS WORLD MEETING  
SARDINIA, ITALY — JUNE 2016

### Penalized Utility Estimators in Finance

SEMINAR ON BAYESIAN INFERENCE IN ECONOMETRICS AND STATISTICS — UNIVERSITY OF PENNSYLVANIA  
PHILADELPHIA, PA — APRIL 2016

### Sparse ETF Investing

IROM PHD SEMINAR. UNIVERSITY OF TEXAS  
AUSTIN, TX — MARCH 2016

### Penalized Utility Estimators in Finance

GOLDMAN SACHS & CO  
NEW YORK CITY, NY — FEBRUARY 2016

### The ETF Tangency Portfolio

SEMINAR ON BAYESIAN INFERENCE IN ECONOMETRICS AND STATISTICS — WASHINGTON UNIVERSITY  
ST. LOUIS, MO — MAY 2015

## HONORS

### GRADUATE CONTINUING FELLOWSHIP

UNIVERSITY OF TEXAS GRADUATE SCHOOL — 2017 - 2018

### PROFESSIONAL DEVELOPMENT AWARD

UNIVERSITY OF TEXAS MCOMBS SCHOOL OF BUSINESS — 2015 - 2016

### DEAN'S FELLOWSHIP

UNIVERSITY OF TEXAS MCOMBS SCHOOL OF BUSINESS — 2013 - 2018

### BONHAM FELLOWSHIP

UNIVERSITY OF TEXAS MCOMBS SCHOOL OF BUSINESS — 2014

JASTROW FELLOWSHIP  
UNIVERSITY OF TEXAS MCCOMBS SCHOOL OF BUSINESS — 2013

RAE SHORTT PRIZE (EXCELLENCE IN MATHEMATICS)  
WESLEYAN UNIVERSITY — 2010

ROBERTSON PRIZE (OUTSTANDING SOPHOMORE IN MATHEMATICS)  
WESLEYAN UNIVERSITY — 2009