Jared D. Fisher
Curriculum Vitae

The University of Texas at Austin   jared.fisher@utexas.edu
McCombs School of Business   jared.fisher@phd.mccombs.utexas.edu
2110 Speedway Stop B6500
Austin, TX 78712

EDUCATION

Doctor of Philosophy, Business Statistics   expected 2019
McCombs School of Business, The University of Texas, Austin, TX
Advisor: Carlos M. Carvalho

Master of Science, Statistics   April 2014
Brigham Young University, Provo, UT
Advisor: Gilbert W. Fellingham
Project: Bayesian Semiparametric Modeling of Major League Baseball
            Players' Career Home Run Hitting Performance Curves

Bachelor of Science, Statistics   April 2012
Brigham Young University, Provo, UT
Concentration: Statistical Science
Minor: Mathematics

ACADEMIC EXPERIENCE

Teaching Assistant   September 2015 - Present
Department of Information, Risk and Operations Management, The University of Texas
- Assisted with grading of assignments and answering questions from students in graduate-level statistics classes.

Research Assistant   August 2014 - Present
Department of Information, Risk and Operations Management, The University of Texas
- Explored the use of Bayesian methods, namely nonlinear models and dynamic linear models, to model risk premiums.

Research Assistant   June 2010 - April 2014
Department of Statistics, Brigham Young University
- Explored the application of Bayesian nonparametric methods to model and cluster performance changes across time, with application to Major League Baseball players' career home run performance. In conjunction with IMPACT program from June 2010 to August 2011.
- Assisted BYU's Men's Volleyball team as a member of BYU's Sports Analytics Group.

Statistics 635 Teaching Assistant   January 2014 - April 2014
Department of Statistics, Brigham Young University
- Assisted with the grading of assignments for the graduate class on mixed models.

Statistics 340 Teaching Assistant   September 2012 - April 2014
Department of Statistics, Brigham Young University
- Assisted with the teaching of students, curriculum and assignment selection, substitute teaching and grading of assignments for the upper-level undergraduate class on continuous probability and inference theory.

Statistics 624 Teaching Assistant   September 2013 - December 2013
Department of Statistics, Brigham Young University
- Assisted with the grading of assignments for the graduate class on statistical computation.

Research Assistant   May 2013 - August 2013
Department of Mathematics, Brigham Young University
- Investigated the applications of and the theory connecting hidden Markov models and Latent Dirichlet Allocation.
- Wrote and edited the material on statistics for the "Applied Mathematics and Computing" lab manual.

Statistics 424 Bilingual Tutor   January 2011 - April 2011
Department of Statistics, Brigham Young University
- Taught data management using SAS and SQL in English and in Mandarin Chinese.

Statistics 221 Teaching Assistant   September 2009 - April 2010
Department of Statistics, Brigham Young University
- Explained basic statistical concepts to students without backgrounds in statistics.

INDUSTRY EXPERIENCE

Analyst Intern   June 2015 - September 2015
Integra REC
- Led statistical analysis in pursuit of financial fraud.

Business Analytics Intern   May 2014 - July 2014
Vivint
- Worked as a statistician within the Business Analytics team, leading the statistical analysis on projects ranging from sales projections to ideal employee identification.

Statistical Consultant   July 2013 - August 2013
ActiveCare

Research Associate   April 2013 - September 2013
VolleyMetrics
- Collaborated on calculation, presentation and visualization of statistical indicators of volleyball performance.

Research Intern   May 2012 - December 2012
Savvysherpa
- Used hidden Markov models, Latent Dirichlet Allocation, neural networks, random forests, etc., to predict and model healthcare and retail events of interest.

PAPERS

- Fellingham, Gilbert W., and Fisher, Jared D. "Predicting Home Run Production in Major League Baseball Using a Bayesian Semiparametric Model." Submitted.

- Carvalho, Carlos M., Fisher, Jared D., and Pettenuzzo, Davide. "Bayesian Dynamic Linear Models for Strategic Asset Allocation." Working paper.

CONTRIBUTIONS TO OTHER WORKS

- Humpherys, Jeffrey. (2013) "Applied Mathematics and Computing." (https://github.com/byuimpact/numerical_computing)

PRESENTATIONS

2016   IROM PhD Student Seminar
"Bayesian Dynamic Linear Models for Strategic Asset Allocation"

2013   BYU College of Physical and Mathematical Sciences Student Research Conference
"Modeling Functional Data; Batting Performance of Major League Baseball Players"

2012   BYU College of Physical and Mathematical Sciences Spring Research Conference
"Modeling Functional Data; Batting Performance of Major League Baseball Players"

2011   New England Symposium for Statistics in Sports
"Clustering Performance Curves" - Poster

2011   BYU College of Physical and Mathematical Sciences Spring Research Conference
"Parametric Bayesian Fitting of Cubic Splines to Model Major League Baseball Player Performance"

GRANTS

2011   BYU Office of Research & Creative Activities ORCA Grant
"Bayesian Non-parametric Modeling of Functional Data"

AWARDS & HONORS

2014 - 2015   William Powers, Jr. Graduate Recruitment Fellowship
2013   Best Session Presentation, BYU CPMS Student Research Conference
2011 - 2014   BYU President's Leadership Council's Mentored Student Group Member
2011 - 2012   Together for Greatness Tuition Scholarship
2010   BYU Department of Statistics Scholarship
2009 - 2012   BYU Undergraduate Tuition Scholarship
2006 - 2007   BYU Undergraduate Tuition Scholarship
2003   Eagle Scout

MEMBERSHIPS

American Statistical Association
International Society for Bayesian Analysis Mu Sigma Rho (Statistics Honor Society)

VOLUNTEER WORK

2014 - 2015	Secretary to bishop of local church congregation
2013 - 2014	Head clerk of local church congregation
2010 - 2013	Sunday meeting instructor at local church congregation
2007 - 2009	Missionary, Taiwan Taichung Mission, The Church of Jesus Christ of Latter-Day Saints
2006 - 2007	Secretary to bishop of local church congregation

LANGUAGES

Mandarin Chinese - Working proficiency, HSK level 4 (B2)