

Eric Webb

Curriculum Vitae, July 2017

Department of Operations & Decision Technologies

Kelley School of Business, Indiana University

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EDUCATION

Ph.D., Operations Management and Decision Science, Kelley School of Business,
Indiana University, Bloomington, IN, Expected 2018

M.S., Operations Research, University of North Carolina at Chapel Hill, 2011

B.S., Applied Mathematics, Case Western Reserve University, Cleveland, OH, 2009

B.S., Systems Biology, Case Western Reserve University, Cleveland, OH, 2009

RESEARCH INTERESTS

Energy Operations, Behavioral Operations, Sports Analytics, Policy Design

PUBLICATIONS

Refereed Journal Articles

2006 Lithio, Dan, Eric Webb, Tim Pennings. Optimizing a Volleyball Serve.
Rose-Hulman Institute of Technology Undergraduate Math Journal.

Manuscripts in Submission

Eric Webb, Owen Wu, Kyle Cattani. Mind the Gap: Coordinating Energy Efficiency
and Demand Response. Major Revision at *Management Science*.

Eric Webb, Alex Mills. Incentive-Compatible Prehospital Triage in Emergency Medical
Services. Major Revision at *Production and Operations Management*.

Manuscripts in Preparation

Eric Webb, Qiuping Yu, Kurt Bretthauer. Linking Delay Announcements,
Abandonment, and Staffing: A Behavioral Perspective.

Eric Webb, Owen Wu, Gilvan Souza. Utility Ownership of Decentralized Combined
Heat and Power.

Eric Webb, Kurt Bretthauer. Predicting Nurse Turnover and Its Impact On Staffing
Decisions.

Eric Webb, Wayne Winston. Using Past Scores and Regularization to Create a Winning NFL Betting Model.

Alan Dennis, Ivy Yuan, Xuan Feng, Christine Hsieh, Eric Webb. The Priming Effects of Relevant and Irrelevant Advertising in Online Auctions.

AWARDS AND HONORS

- 2017 Honorable Mention, Best Student Paper, POMS College of Sustainable Operations, Mind the Gap: Coordinating Energy Efficiency and Demand Response
- 2017 Doctoral Student Research Productivity Award, Kelley School of Business
- 2017 Doctoral Research Travel Award, Kelley School of Business
- 2016 Doctoral Student Research Productivity Award, Kelley School of Business
- 2013 High Five Team Award, Booz Allen Hamilton
- 2012 Performance and Team Award, Booz Allen Hamilton
- 2012 High Five Team Award, Booz Allen Hamilton
- 2009 Graduated Magna Cum Laude, Case Western Reserve University
- 2008 Recognized in "Who's Who among Students in American Universities"
- 2008 Paul Elfers Omega Scholarship, Phi Kappa Tau Foundation
- 2008 Inducted into Pi Mu Epsilon (Honorary Mathematics Society), Case Western Reserve University
- 2008 Nominated as a "Student Who Makes a Difference" at Case Western Reserve University
- 2007 Inducted into Gamma Sigma Alpha (Academic Greek Honor Society), Case Western Reserve University
- 2007 Featured in Biology Newsletter of Case Western Reserve University
- 2007 Case Alumni Association Scholarship
- 2005 Trustee's Scholarship, Case Western Reserve University
- 2004 National Merit Finalist, National Merit Scholarship Corporation

CONFERENCE PAPERS PRESENTED

- 2017 INFORMS Annual Meeting, Houston, TX, October 22-25
Mind the Gap: Coordinating Energy Efficiency and Demand Response
Utility Ownership of Decentralized Combined Heat and Power
- 2017 Cincinnati-Dayton INFORMS Symposium, Dayton, OH, October 13
Utility Ownership of Decentralized Combined Heat and Power
- 2017 MSOM Annual Conference, Chapel Hill, NC, June 19-21

- Mind the Gap: Coordinating Energy Efficiency and Demand Response
 2017 Early-Career Sustainable OM Conference, Charlottesville, VA, March 3-5
 Mind the Gap: Coordinating Energy Efficiency and Demand Response
 2016 INFORMS Annual Meeting, Nashville, TN, November 13-16
 Mind the Gap: Coordinating Energy Efficiency and Demand Response
 Linking Delay Announcements, Abandonment, and Staffing
 Predicting Nurse Turnover and Its Impact On Staffing Decisions
 Using Past Scores and Regularization to Create a Winning NFL Betting Model
 2016 Behavioral Operations Conference, Madison, WI, July 14-16
 Linking Delay Announcements, Abandonment, and Staffing
 2016 POMS Annual Meeting, Orlando, FL, May 6-9
 Mind the Gap: Coordinating Energy Efficiency and Demand Response
 Linking Delay Announcements, Abandonment, and Staffing
 Incentive-Compatible Prehospital Triage in Emergency Medical Services
 2015 INFORMS Annual Meeting, Philadelphia, PA, November 1-4
 Mind the Gap: Coordinating Energy Efficiency and Demand Response
 Linking Delay Announcements, Abandonment, and Staffing
 Incentive-Compatible Prehospital Triage in Emergency Medical Services
 2014 Cincinnati-Dayton INFORMS Symposium, Dayton, OH, August 29
 Incentive-Compatible Prehospital Triage in Emergency Medical Services
 2006 Michigan Research Experience for Undergraduates Conference, Mt. Pleasant, MI
 Optimizing a Volleyball Serve

DEPARTMENTAL TALKS

- 2015 Seminar, Kelley School of Business, Indiana University, November 16
 Linking Delay Announcements, Abandonment, and Staffing
 2014 Seminar, Kelley School of Business, Indiana University, October 10
 Incentive-Compatible Prehospital Triage in Emergency Medical Services

TEACHING EXPERIENCE

Year	Semester	Level	Course Title	# Students	Student Eval.
Indiana University, Kelley School of Business					(max=7)
2016	Spring	UG	Intro to Operations Management	40	6.09
2016	Spring	UG	Intro to Operations Management	40	5.71
2016	Spring	UG	Intro to Operations Management	43	5.46
DePauw University					
2016	Spring	UG	Using Data Science to Win At Fantasy Football (Guest Lecturer)	24	
National Security Agency (NSA)					
2012			Machine Learning Fundamentals		
University of North Carolina, Statistics and Operations Research Dept.					(max=5)
2011	Spring	UG	Introduction to Statistics	68	4.12
2010	Fall	UG	Decision Models in Business	47	3.87
2010	Spring	UG	Introduction to Statistics (Teaching Assistant)		
2009	Fall	UG	Decision Models in Business (Grader)		

RESEARCH EXPERIENCE

- 2011 Master's Project, "Optimal Number of Parking Permits to Release at the University of North Carolina at Chapel Hill", in conjunction with the Department of Public Safety and Professor Nilay Argon
- 2008 Summer Internship, Research in Industrial Projects for Students (RIPS), The Institute for Pure and Applied Mathematics (IPAM), Los Angeles, CA
- 2007 Summer Internship, Research at the Interface of the Biological and Mathematical Sciences (RIBMS), Case Western Reserve University, Cleveland, OH
- 2006 Summer Internship, Research Experience for Undergraduates (REU), Department of Mathematics, Hope College, Holland, MI

NONACADEMIC WORK

- 2011-2013 Booz Allen Hamilton Consulting Firm, Senior Consultant, Data Science and Operations Research Team, Washington, D.C.

2009-2010 The Aerospace Corporation, Associate Member of the Technical Staff,
Communications Architecture Department, El Segundo, CA

TECHNICAL TRAINING

2015 Cloud Computing Training, Indiana University
2013 Human Subjects Research Training, Indiana University
2013 Satellite Tool Kit Training, Analytical Graphics, Inc.
2012 Presenting Data and Information Course by Edward Tufte
2011 Cloudera Training and Cloud Computing Boot Camp, Booz Allen Hamilton

PROFESSIONAL MEMBERSHIPS

Institute for Operations Research and Management Science (INFORMS), since 2010
Manufacturing & Service Operations Management Society (MSOM), since 2013
Production and Operations Management Society (POMS), since 2013

REFERENCES

Associate Professor Owen Wu

Kelley School of Business, Indiana University
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Professor Kurt M. Bretthauer

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Email: kbrettha@indiana.edu

Professor Wayne L. Winston

Bauer College of Business, University of Houston
4750 Calhoun Road, Houston, TX 77204
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Email: wlwinsto@bauer.uh.edu