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Education: PhD (Mathematics), Imperial College, London, England.

Employment: (June 2004 –) Professor of Information, Risk and Operations Management, McCombs School of Business – University of Texas in Austin

Papers/Book Chapters (2017-2020)

1. Bayesian mode regression using mixtures of triangular densities (with Kathy Ho and Stephen Walker), **2017, Journal of Econometrics, 197, 273-283**
2. Bayesian failure rate modeling and preventive maintenance optimization (with Dimitryi Belyi, Elmira Popova and Dave Morton), **2017, European Journal of Operational Research, 262(3), 1085-1093.**
3. A multivariate spatial analysis for anticipating new firm counts (with Yiyi Wang and Kara Kockelman) Invited Paper in *Advances in Econometrics*, Ed. Kelley Pace, Emerald Group Publishing, England, **2017**
4. Bayesian estimation of the Cox model under different hazard rate assumptions via slice sampling (with Thomas Kirschenmann and Stephen Walker), **2018, Journal of Applied Statistics, 2295-2306**
5. Impacts of day-ahead versus real-time market prices on wholesale electricity demand in Texas (with Ruth Fuentes-Garcia, Ramses Mena and Jay Zarnikau). **2019, Energy Economics, 81, 259-272**
6. A non-Markovian method for full, parametric, Bayesian inference (with Michael Braun) *Marketing and Big Data Technologies: New Trends and Applications*, edited by Stelios Tsafarakis, Springer-Verlag, **2019, Accepted**
7. A new class of time dependent latent factor models with applications (with Sinead Williamson and Michael Zhang), **2020, Journal of Machine Learning Research, 21, 1-24.**
8. Estimating marginal effects of key factors that influence wholesale electricity demand and price distributions in Texas via quantile variable selection methods (with Tahir Ekin and Jay Zarnikau) **2020, Journal of Energy Markets, 13, 1-30.**
9. Association of socioeconomic area deprivation index with hospital readmissions after colon and rectal surgery (with Dr. Paula Shireman, M.D., Dr. Brad Brimhall, M.D., et al.) *Journal of Gastrointestinal Surgery, 2020, Accepted.*
10. On a transform for modeling skewness (with Li Kang and Stephen Walker), *Brazilian Journal of Probability and Statistics, 2020, Accepted.*
11. Augmented Simulation Methods for Discrete Stochastic Optimization with Recourse (with Tahir Ekin and Stephen Walker), *Annals of Operations Research, 2020, First Revision.*
12. Welfarism during pandemics (with Kang Hua Cao, Chi Keung Woo and Jay Zarnikau) **Submitted.**