

# Michael M. Zhang

## Curriculum Vitae

Department of Statistics and Data Sciences  
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### Education

2018 ( <i>expected</i> )	<b>Ph.D. Statistics.</b> The University of Texas at Austin. <i>Committee: Sinead Williamson (chair), Peter Müller, James Scott, Eric Xing.</i>
2016	<b>M.S. Statistics.</b> The University of Texas at Austin. <i>Advisor: Sinead Williamson.</i>
2013	<b>B.S. Statistics (Honors); B.A. Political Science (Honors and Distinction in Major); Minor in Russian.</b> University of California, Santa Barbara. <i>Advisor: Cynthia Kaplan.</i>

### Publications and Pre-prints

F. Pérez-Cruz, P. M. Olmos, **M. M. Zhang**, and H. Huang. Probabilistic time of arrival localization for cellular networks. 2017. In review.

Z. I. Phillips, **M. M. Zhang**, and U. G. Müller. Dispersal of *Attaphila fungicola* (Blattodea: Ectobiidae), a symbiotic cockroach of leafcutter ants (Hymenoptera: Formicidae). *Insectes Sociaux*, 2017.

**M. M. Zhang** and F. Pérez-Cruz. Accelerated inference for latent variable models. 2017. arXiv:1705.07178.

**M. M. Zhang** and S. A. Williamson. Embarrassingly parallel inference for Gaussian processes. 2017. arXiv:1702.08420.

**M. M. Zhang**, A. Dubey, and S. A. Williamson. Distributed inference in Bayesian nonparametric models. 2016. Working paper.

**M. M. Zhang**, H. Lam, and L. Lin. Robust and parallel Bayesian model selection. 2016. arXiv:1610.06194.

S. A. Williamson, **M. M. Zhang**, and P. Damien. A new class of time-dependent latent factor models with applications. 2016. In review.

**M. M. Zhang**, A. Dubey, and S. A. Williamson. Parallel Markov chain Monte Carlo for the Indian buffet process. 2015. “Bayesian Nonparametrics: The Next Generation” workshop paper at the Twenty-ninth Annual Conference on Neural Information Processing Systems.

### Presentations and Posters

Oct. 2017	<b>Embarrassingly Parallel Inference for Gaussian Processes.</b> Presentation at Department of Statistics and Data Sciences Seminar Series, UT Austin.
Jun. 2017	<b>Embarrassingly Parallel Inference for Gaussian Processes.</b> Contributed talk at 11th Conference on Bayesian Nonparametrics, ISBA.
Aug. 2016	<b>Robust and Parallel Bayesian Model Selection.</b> Poster at Boston University/Keio University Workshop in Probability and Statistics.
Dec. 2015	<b>Parallel Markov Chain Monte Carlo for the Indian Buffet Process.</b> Contributed talk and poster at “Bayesian Nonparametrics: The Next Generation” workshop at NIPS.

## Professional Experience

2016	<b>Summer Intern.</b> Wireless Research for the Internet of Things, Nokia Bell Labs. <i>Supervisors: Fernando Pérez-Cruz, Howard Huang.</i>
2013–14	<b>Data Scientist.</b> Rule14 LLC.

## Honors and Awards

2015, 2017	<b>Professional Development Award.</b> UT Austin Department of Statistics and Data Science.
2017	<b>Travel Award.</b> The 11th Conference on Bayesian Nonparametrics, ISBA.
2015	<b>Bonus Fellowship for Continuing Students.</b> The Graduate School at UT Austin.
2012	<b>Undergraduate Research and Creative Activities Grant.</b> UCSB College of Letters and Science.

## Personal Information and Skills

Technical	Python, Matlab, R.
Service	Reviewer, NIPS 2017; Reviewer, Bayesian Non-Parametrics NIPS Workshop 2016.
Citizenship	United States.