

# Stanford

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## Pratheepa Jeganathan

Postdoctoral Research Fellow, Statistics

### Bio

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#### HONORS AND AWARDS

- SSPA Best Poster/Presentation Award, JSM 2016, ASA, Section for Programmers and Analysts (August 2016)
- Fuller Graduate Scholarship, Department of Mathematics and Statistics, Texas Tech University (2015-2016)
- John White Graduate Scholarship, Department of Mathematics and Statistics, Texas Tech University (2014 -2016)
- TEACH (Teaching Effectiveness And Career enHancement) Fellowship, Teaching, Learning, & Professional Development Center, Texas Tech University (2014-2015)
- Graduate Student Scholarship, SIAM at Texas Tech University (2013-2014)
- Summer Research Thesis Award, Graduate school, Texas Tech University (June 2013)
- Award for Academic Excellence, University of Peradeniya, Sri Lanka (2010)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Texas Tech University (2016)
- Master of Science, Texas Tech University (2013)
- Bachelor of Science, University Of Peradeniya, Sri Lanka (2011)

#### STANFORD ADVISORS

- Susan Holmes, Postdoctoral Research Mentor
- Susan Holmes, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Statistical methods for longitudinal human microbiome data

### Publications

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#### PUBLICATIONS

- **Multidomain analyses of a longitudinal human microbiome intestinal cleanout perturbation experiment** *PLOS Computational Biology*  
Fukuyama, J., Rumker, L., Sankaran, K., Jeganathan, P., Relman, D. A., Holmes, S. P.  
2017; 13 (8): e1005706
- **Hematological Effects, Serum, and Pulmonary Cytokine Profiles in a Melanoma Mouse Model Treated with GK1** *CANCER BIOTHERAPY AND RADIOPHARMACEUTICALS*  
Perez-Torres, A., Vera-Aguilera, J., Sahaza, J. H., Vera-Aguilera, C., Moreno-Aguilera, E., Pulido-Camarillo, E., Nunez-Ochoa, L., Jeganathan, P.

2015; 30 (6): 247-254

- **Saddlepoint-based bootstrap inference for the spatial dependence parameter in the lattice process** *SPATIAL STATISTICS*

Jeganathan, P., Paige, R. L., Trindade, A. A.

2015; 12: 1-14