

Postdoctoral Fellowship

Purdue University, Department of Statistics

Company Information: Department of Statistics, Purdue University, www.stat.purdue.edu

Position Title: Postdoctoral Fellowship in Big Data Theory

Duties and Responsibilities: Big data theory research group (<http://www.stat.purdue.edu/~chengg>) in the Department of Statistics at Purdue University is looking for a postdoctoral fellow with strong skills in mathematical statistics, high dimensional statistics or machine learning. Priority will be given to statisticians or machine learners with expertise in the areas of high-dimensional statistical inference, semi/nonparametric inference, nonparametric Bayes, functional data analysis, classification, empirical processes or shape constrained inference. This position will be supervised by Professor Guang Cheng to work on modern statistical theory for big data or high dimensional problems. This position is also encouraged to collaborate with other members in big data theory research group that currently includes 2 affiliated faculty members, 1 postdoctoral researcher and 5 PhD students.

The initial contract is for one year, with renewal (based on satisfactory performance) for one/two additional years. Travel fund for presenting research outcome at academic conferences will be provided as well. The post-doctoral fellowship is a 100% research position (although some teaching can be arranged if needed). This position can start any time from April 1st, 2015.

Position Qualifications: Applicants must have completed their Ph.D. in Statistics, Biostatistics, Mathematics or Computer Science prior to the date of appointment.

Salary Range: Competitive

Website: <http://www.stat.purdue.edu/~chengg/>

Application Information: Candidates should submit CV and research manuscripts to Prof. Guang Cheng at chengg@purdue.edu