

Universidade de São Paulo, Brazil

Instituto de Matemática e Estatística

Departamento de Estatística

Assistant professor – 2 positions

The *Statistics department* at *Universidade de São Paulo* invites applications for two assistant professor full-time positions in **Probability** and **Statistics**.

Applications are welcome in any research areas in Probability and Statistics that complement and strengthen the current research of members of the Statistics department at USP. The position-holders will develop, lead and sustain research of international standard in Probability and/or Statistics, contribute to teaching and project supervision at undergraduate and graduate levels.

The Statistics department is the home of one of the best and well known graduate programs in Probability and Statistics of Brazil and South America, where more than 200 researchers have finished their PhD programs over the last forty years. The Statistics department also offers an excellent statistics undergraduate program and undertakes research of high international standard. We have research groups of international excellence in many areas including

1. Time Series Analysis
2. Survival Analysis
3. Multivariate Analysis
4. Stochastic Calculus
5. Sampling Surveys and Applications
6. Statistical Theory
7. Martingals and Reability Theory
8. Geostatistics and Topics in Spatial Statistics
9. Bayesian Inference
10. Inference in Stochastic Processes
11. Introduction to Risk Analysis
12. Regression Models
13. Percolation Theory
14. Design of Experiments
15. Probability Theory
16. Point Processes
17. Interacting Particle Systems
18. Decision Theory
19. Queuing Theory
20. Categorical Data Analysis
21. Statistical Learning in High Dimensions

The gross salary is about R\$ 11.000,00 per month with 13 salaries per year and 30 days of paid vacations. The position holder may expect to teach three courses per year.

The selection process will be based in **(1)** comparison of research projects (see list of topics above) and **(2)** lectures given by the candidates on introductory Probability and Statistics courses at the level of a master or introductory graduate course. Candidates may opt by being inquired in English or Portuguese.

Informal enquiries regarding the position can be made to Dr. Denise Botter (botter@ime.usp.br, head of Statistics Department).

Apply online at: <https://uspdigital.usp.br/gr/admissao>

Statistics department at USP, Brazil: <https://www.ime.usp.br/en/statistics>

Closing date: 24/mar/2020

Disclaimer: This is an unofficial translation and provided for reference only.