

## **Post Doctoral Research Associate Position at the Department of Statistics, Texas A&M University**

The postdoctoral research associate will work on modern statistical methods for statistical modeling in the multiscale domains under the guidance of Brani Vidakovic. This is a 100% research position. Specific examples of methodological research include but are not limited to:

State of art statistical signal and image processing using wavelets.

Statistical learning (supervised and semi-supervised) in the wavelet domains.

Statistical aspects of Stochastic Resonance.

Fractal and multifractal descriptors for big noisy data.

Financial, geophysics, and biometric data in time/scale domains.

Interfacing stochastic complexity and multiscaling.

Candidates must hold a PhD in statistics or in a related field. Candidates with degree in Computer Science, Mathematics, or Engineering will be considered if they present evidence of relevant statistical research. Desired skills include proficiency in statistical computing (MATLAB and Python), and expertise in one or more from the following areas: functional data analysis, high-dimensional data analysis, statistical computing, modern nonparametric statistics, statistical signal processing, and machine learning.

Members of underrepresented groups are especially encouraged to apply.

Please upload a CV, research statement, and names and contacts of 3 references to

[tamus.wd1.myworkdayjobs.com/TAMU\\_External/job/...](https://tamus.wd1.myworkdayjobs.com/TAMU_External/job/...)

For inquiries please contact Brani Vidakovic at [brani@stat.tamu.edu](mailto:brani@stat.tamu.edu)

-----  
Brani Vidakovic  
H.O.Hartley Professor and Head  
Texas A&M University, Statistics Department