

Mathematics and Statistics Postdoctoral Fellow Pool Auburn University

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Posted Dec. 13, 2023, set to expire Oct. 31, 2024

Job Title	Mathematics and Statistics Postdoctoral Fellow Pool
Department	Mathematics and Statistics
Institution	Auburn University Auburn, Alabama
Date Posted	Dec. 13, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Statistics & Actuarial Science Mathematics/Applied Mathematics
Job Website	https://www.auemployment.com/postings/42400
Apply By Email	
Job Description	

Job Description Summary

The Department of Mathematics and Statistics at Auburn University invites applications for several one- or two-year postdoctoral positions. Each year is considered a 12-month appointment. The two-year appointments would be non-renewable, while the one-year appointments would be renewable once pending need, satisfactory performance, and availability of funding. Each postdoctoral scholar is responsible for teaching 3 courses per year. The desired starting date is August 16, 2022.

We seek applicants whose research interests are compatible with faculty research in the department. In particular, the Department is looking for applicants in the following areas:

- Deep Learning, Scientific Machine Learning, Stochastic Gradient Descent Method, and

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Numerical PDE's - **Advised by Dr. Yanzhao Cao**

- Probabilistic Graph Theory (Network Traversal Optimization, Operations Research, Probabilistic Graph Theory, Percolation) – **Advised by Dr. Elvan Ceyhan**
- Geometric Analysis, Variational Problems, Harmonic Maps, Minimal Surfaces, and Singular Spaces – **Advised by Dr. Brian Freidin**
- Analysis of Partial Differential Equations and Spectral Theory – **Advised by Dr. Selim Sukhtaiev**

Minimum Qualifications

Applicants must have earned a PhD or equivalent degree in Mathematics, Statistics, or a closely related field by the time appointment begins. The candidates selected for this position must be able to meet eligibility requirements for work in the United States at the time the appointment is scheduled to begin and continue working legally for the proposed term of employment. In addition, candidates must possess excellent written and interpersonal communication skills.

Desired Qualifications

Special Instructions to Applicants

Review of applications will begin February 1st and continue to be filled as needed. Please upload your statement of contributions to diversity, equity, and inclusion under the other document under required documents.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact