

## Mathematics and Statistics Postdoctoral Fellow Pool Auburn University

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Posted Sep. 30, 2024, set to expire Apr. 3, 2025

<b>Job Title</b>	Mathematics and Statistics Postdoctoral Fellow Pool
<b>Department</b>	Mathematics and Statistics
<b>Institution</b>	Auburn University Auburn, Alabama
<b>Date Posted</b>	Sep. 30, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Post-Doc
<b>Academic Field(s)</b>	Statistics & Actuarial Science Mathematics/Applied Mathematics
<b>Job Website</b>	<a href="https://www.auemployment.com/postings/49074">https://www.auemployment.com/postings/49074</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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, 2025.

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

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- 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**

### Contact Information

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

### Contact