

Assistant Professor - Experimental Laboratory
Astrophysics
Auburn University

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Posted Oct. 1, 2024, set to expire Feb. 13, 2025

Job Title	Assistant Professor - Experimental Laboratory Astrophysics
Department	Physics
Institution	Auburn University Auburn, Alabama
Date Posted	Oct. 1, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Physics - General
Job Website	https://www.auemployment.com/postings/49098
Apply By Email	

Job Description

The Department of Physics at Auburn University invites applications for a tenure-track Assistant Professor position in Experimental Laboratory Astrophysics. Laboratory Astrophysics involves laboratory experiments and theoretical calculations aimed at understanding our universe by complementing astronomical observations and astrophysical/astrochemical modeling. Auburn University is seeking candidates with expertise in experimental approaches that enhance and expand current efforts in this vital field.

Key Responsibilities

- Develop and lead a cutting-edge, externally funded research program in Experimental Laboratory

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Astrophysics, focusing on laboratory experiments that complement astronomical observations and space exploration.

- Conduct experiments to contribute to our understanding of astrophysical processes, astrochemical reactions, and fundamental atomic and molecular physics in space environments.
- Work across disciplines with colleagues from astrophysics, plasma physics, planetary science, heliophysics, and related fields to advance knowledge of the physical processes driving astrophysical phenomena.
- Teach and mentor students at the undergraduate and graduate levels, providing them with strong foundations in laboratory astrophysics and experimental methods.
- Contribute to departmental service and broader university initiatives, promoting the visibility and impact of Auburn's research in laboratory astrophysics

Applicants should submit:

- A cover letter outlining their research interests and career goals.
- A detailed curriculum vitae (CV).
- A research statement describing current and future research plans.
- A teaching and mentoring philosophy statement.
- Contact information for at least three professional references.

Salary will be commensurate with education and experience. Auburn University offers a competitive benefits package, including health care, retirement benefits, and resources for research support. At the College of Sciences and Mathematics, we value the land-grant mission of the university. We are committed to broadening access to higher education in order to cultivate culturally competent professionals. As an R1, Doctoral University and one of the nation's premier land, sea, and space grant institutions, Auburn University is understanding of and sensitive to the family needs of faculty, including dual-career couples. For more information, please visit:

<http://www.auburn.edu/academic/provost/facultyjobs/>.

For more information about the Department of Physics at Auburn University, please visit:

<http://www.physics.auburn.edu>.

Contact Information



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

Contact

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