



**MISSISSIPPI STATE**  
UNIVERSITY™

**COLLEGE OF ARTS & SCIENCES**  
Department of Physics and Astronomy  
P.O. Box 5167  
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<http://physics.msstate.edu/>

## **Subject: Tenure-Track Experimental Nuclear Physics Faculty Position at Mississippi State University**

The Department of Physics and Astronomy at Mississippi State University (MSU) invites applications for a tenure-track faculty position in experimental nuclear physics starting August 16, 2024. This position is a Bridge Position with the Thomas Jefferson National Accelerator Facility (JLab), which carries a course release time of 50% for the first five years in order to expedite research efforts at MSU and JLab. We are seeking an individual with a primary research interest in the hadronic and nuclear physics conducted at JLab. The successful individual will be expected to build a strong research program that will enhance the current programs of the medium energy group at Mississippi State University and Jefferson Lab. The medium energy group at MSU is currently involved in experiments at JLab and Fermilab and has plans for the forthcoming Electron-Ion Collider at Brookhaven National Laboratory. We also have groups leading research in theoretical nuclear physics and a low-energy nuclear physics group conducting experiments at LANL and several University-based laboratories, including FRIB.

The position is a nine-month, tenure-track bridge position at the Assistant Professor level. Applicants must have a doctorate in experimental nuclear physics or a related field, an established record of publications in scientific journals, a strong commitment to excellence in teaching at both undergraduate and graduate levels, and will be expected to initiate and lead an independent research program utilizing the state-of-the-art facility at Jefferson Lab. A commitment to maintaining a respectful environment, free from harassment, while striving to ensure equal opportunity for all in research, teaching, and/or service will be considered favorably.

MSU is a land-grant university with an enrollment of about 22,500 students. The department offers B.S., M.S., and Ph.D. degrees. Applicants are expected to continue the departmental tradition of excellence in sponsored research involving students, in teaching, and in service. Local resources include the High-Performance Computing



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Collaboratory, the Institute of Imaging and Analytical Technologies, and the Institute for Clean Energy Technology.

Applicants must apply online at [www.msujobs.msstate.edu](http://www.msujobs.msstate.edu) (**JOB NO: 506982**; *direct link*) and include a cover letter, curriculum vitae, a research statement with grantsmanship plans and a plan for Promoting Inclusive and Equitable Research (PIER), a statement of teaching philosophy and experience, and the contact information for at least three references. The guidelines for a PIER plan can be found on the websites of most federal funding agencies, such as <https://science.osti.gov/grants/Applicant-and-Awardee-Resources/PIER-Plans>. Any inquiries should be sent to Dr. Lamiaa El Fassi ([le334@msstate.edu](mailto:le334@msstate.edu)). Screening of applications will begin on February 1, 2023, and continue until the position is filled.

MSU is an equal-opportunity employer, and all qualified applicants will receive consideration for employment without regard to race, color, ethnicity, sex, religion, national origin, disability, age, sexual orientation, genetic information, pregnancy, gender identity, status as a U.S. veteran, and/or any other status protected by applicable law. We always welcome nominations and applications from women, members of any minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.