
Postdoctoral Research Associate (Stationed at Fermilab)

The experimental Medium Energy Physics group at Mississippi State University invites applications for a Postdoctoral Research Associate position. The group has research interests that include studies of nucleon structure and QCD dynamics in nuclei at Jefferson Lab and Fermilab, such as the precision measurement of color propagation and hadronization processes, the study of the color transparency phenomenon as well as the partonic structure of bound nucleons. The group is in addition interested in the study of sea quarks distributions, EMC effect, the poorly known gluon transverse momentum distributions using J/Ψ production, and transversity with the polarized Drell-Yan, E1039/SpinQuest, experiment at Fermilab.

We are looking for candidates who will be stationed at Fermilab and will lead the group efforts on operating, maintaining, and servicing the cryogenic and polarized targets while commissioning and running the SpinQuest experiment along with participating in data analyses. The successful candidate will be encouraged to actively participate in the development of new proposals as well as projects.

A Ph.D. in experimental nuclear or particle physics or related fields is required along with proficiency in programming and data analysis concepts. Experience in solid polarized targets and/or cryogenic systems is preferred.

Candidates must apply online at <https://explore.msujobs.msstate.edu/> (JOB #: 506073) and include a resume or curriculum vita, a brief statement describing research interests as well as work experiences and at least two recommendation letters should be sent electronically to Prof. Lamiaa El Fassi (le334@msstate.edu).

Screening of applications will begin immediately and will continue until the position is filled. Applications received by the end of June 2023 will receive full consideration.

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 overlooked minority group, and others who share our passion for building a diverse community that reflects the diversity in our student population.