

**Postdoctoral Scholar Position
Search for Rare Muon Process
Department of Physics and Astronomy
University of California, Davis**

Experiment: Mu2e, Fermilab

Deadline: **May 15, 2022**

The Experimental High Energy Physics group at the University of California, Davis invites applications for a postdoctoral scholar position on the Mu2e Experiment. The position is based out of the Fermi National Accelerator Laboratory in Batavia, IL. The responsibilities of this position include elements of both particle physics and accelerator physics, and the successful candidate must have an interest in both. Candidates must have completed a Ph.D. in High Energy Physics or Accelerator physics prior to beginning employment.

The Mu2e Experiment will search for the conversion to an electron of a muon that has been captured on an aluminum nucleus. This reaction is sensitive to a very broad range of physics beyond the Standard Model, and this experiment will have roughly 10,000 times the sensitivity of the previous best experiment.

It is crucial that the successful candidate take an active interest and play an active role in the physics goals of the experiment; however, the specific programmatic responsibilities will focus on the beam delivery for the experiment with particular emphasis on the stringent and unique limits on out-of-time beam. Therefore, it is important that the candidate have an interest in accelerator physics.

This is a full-time, 2-year postdoctoral scholar appointment with the possibility of renewal based on satisfactory job performance, continuing availability of funding and ongoing operational needs. Candidates must have less than 3 years of paid postdoctoral experience. Salary for this position depends on experience level. This position is represented by a union for collective bargaining purposes and may be subject to a background check.

Interested candidates should send a cover letter, curriculum vitae, and statement of research interests and experience and arrange for three references to be sent by **April 15, 2022** for full consideration, but the position will remain open until filled.

The University of California is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to the achievement of diversity among its faculty and staff.

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HOW TO APPLY:

1. Apply online here: <https://recruit.ucdavis.edu/JPF04777>
2. Submit your application, including a Cover Letter, Statement of Research and a Curriculum Vitae with a list of publications
3. Arrange to have three Reference Letters sent to eprebys@ucdavis.edu

Contact:

- Eric Prebys (eprebys@ucdavis.edu)

Letters of Reference should be sent to: eprebys@ucdavis.edu

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The University

The University of California, Davis (UC Davis) is a distinguished university, ranked 5th nationally by the Wall Street Journal/Times Higher Education and 11th nationally by US News and World Report among U.S. public universities overall and for research funding. It is also ranked #1 by Forbes Magazine as “The 13 Most Important STEM Colleges for Women.” Forbes has also ranked UC Davis as 52nd among the Best Employers for Diversity. Please review the full position description to learn more about the acclaimed university and the notable rankings we have received regarding diversity, environmental sustainability, work-life balance, and more.

Our Commitment to Inclusive Excellence

UC Davis is committed to inclusive excellence by advancing equity, diversity, and inclusion in all that we do. UC Davis celebrates the multi-cultural diversity of its community by creating a welcoming and inclusive environment demonstrated through a variety of resources and programs available to academics, staff, and students. Diversity, equity, inclusion, and belonging are core values of UC Davis that are embedded within our [Principles of Community](#) and are tied with how to best serve our student population. Our excellence in research, teaching, and service can best be fully realized by members of our academic community who share our commitment to these values, which are included in our [Diversity and Inclusion Strategic Vision](#), our strategic plan: [“To Boldly Go,”](#) our Principles of Community, the [Office of Academic Affairs’ Mission Statement](#), and the [UC Board of Regents Policy 4400: Policy on University of California Diversity Statement](#). UC Davis is making important progress towards our goal of achieving federal designation as a [Hispanic- Serving Institution and an Asian American, Native American, and Pacific Islander-Serving Institution](#). The [Office of Diversity, Equity, and Inclusion](#) offers a plethora of resources on their website, and the [Office of Health Equity, Diversity, and Inclusion \(HEDI\)](#) have outlined similar goals in their Anti-Racism and DEI Action Plan.” There are a plethora of links available on the [About Us](#) webpage where you can learn more about our Administration, Diversity and Inclusion, Rankings, Locations, Native American Land Acknowledgement, Sustainability, Visiting UC Davis, UC Davis Health, and Campus Safety.

EEO Statement

We are an Affirmative Action/Equal Opportunity employer, and particularly encourage applications from members of historically underrepresented racial/ethnic groups, women, individuals with disabilities, veterans, LGBTQ community members, and others who demonstrate the ability to help us achieve our vision of a diverse and inclusive community. The complete University of California nondiscrimination and affirmative action policy can be found here: <http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct>.

Work Eligibility Statement

Under Federal law, the University of California may employ only individuals who are legally able to work in the United States as established by providing documents as specified in the Immigration Reform and Control Act of 1986. Certain UCSC positions funded by federal contracts or sub-contracts require the selected candidate to pass an E-Verify check. More information is available: <http://www.uscis.gov/e-verify>.

Tobacco-Free Statement

UC Davis is a smoke and tobacco-free campus: (<http://breathefree.ucdavis.edu/>).

Environmental Sustainability

The University is consistently ranked among the top institutions in the world for campus sustainability practices by the [UI Green Metric World University Rankings](#). UC Davis is focused on achieving net-zero greenhouse gas emissions and has repeatedly shown its [commitment to preserving a healthy and sustainable environment for generations to come](#).

If you need an accommodation due to a disability, please contact the recruiting department.

Application website: <https://recruit.ucdavis.edu/JPF04777>

Application assistance: Krystal Scruggs; kjscruggs@ucdavis.edu; 530-752-4088