FAIR and RENEW Funding Opportunities

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FermiFusion Workshop

6 August 2024

Funding for Accelerated, Inclusive Research (FAIR)

- Aims to build research capacity, infrastructure, and expertise at institutions historically underrepresented in the Office of Science portfolio, including minority-serving institutions (MSIs) and emerging research institutions (ERIs).

- FAIR supports mutually beneficial relationships between MSIs and ERIs with partnering institutions to perform basic research in fields supported by the Office of Science.

- Non-R1 ERI and MSIs must be the lead on the proposal.

- Partner must be a DOE National Lab, SC User Facility, or R1 MSI/ERI. Partner limited to 15 to 25% of the funding.

U.S. DEPARTMENT OF ENERGY | Office of Science

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Reaching a New Energy Science Workforce (RENEW)

- Leverages SC national laboratories, user facilities, and other research infrastructures for training opportunities for undergraduate, graduates, post-doctoral researchers, and faculty not currently well represented in the US sciences and technology ecosystem

- Non-R1 Institutions that are MSIs or ERIs must be the lead institution

- Traineeships should typically be one to two years in duration including 15 hours of support per week over the academic year and 40 hours during the summer.

    – In addition to travel and salary support for trainees the proposed inclusion of partial support for academic year and/or summer salary (up to 4 months) for faculty, and/or partial salary support for postdocs (typically 30%) is encouraged.

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Particle Accelerator Capabilities Enhancement and Modernization Apprenticeship Program (PACEMAP)

Collaboration between the College of DuPage, Project HireEd and Fermilab
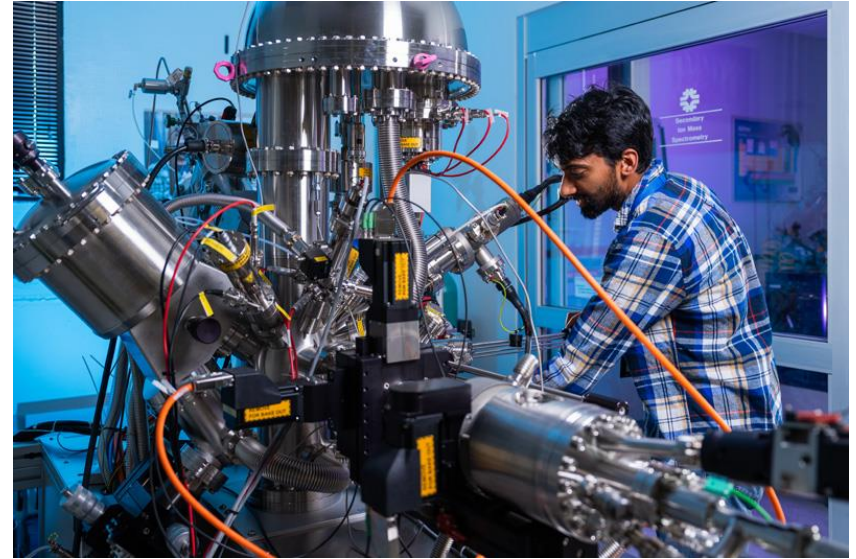
- Goal: Create a multi-year program for Electrical Technicians, specifically targeting laboratory workforce needs and skill sets

- Grant includes funding to cover student tuition for required courses, stipend while taking courses, wrap around support, equipment at COD, and wages for on-the-job training at Fermilab.

- 6 students have been selected to participate in the pilot program, starting in the spring semester

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Training through research in quantum information science and engineering at the SQMS Center

Collaboration between Fermilab, University of Illinois Chicago, Coppin State University, and Spelman College

- Goal: Support investigators and students at their institutions through investments in their education and infrastructure

- Grant includes funding to purchase equipment at partnering institutions, investigators become part of the SQMS collaboration, and internships will be offered at Fermilab to their students

- Build a strong and sustainable career path through hands-on research experiences for undergraduate students

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Questions?

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FY23 RENEW Funded
Proposal Abstracts

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