

Opportunity Title: Diversity, Equity & Inclusion in STEM and Workforce Development

Opportunity Reference Code: DOE-EERE-STP-IS-2022-0001

Organization U.S. Department of Energy (DOE)

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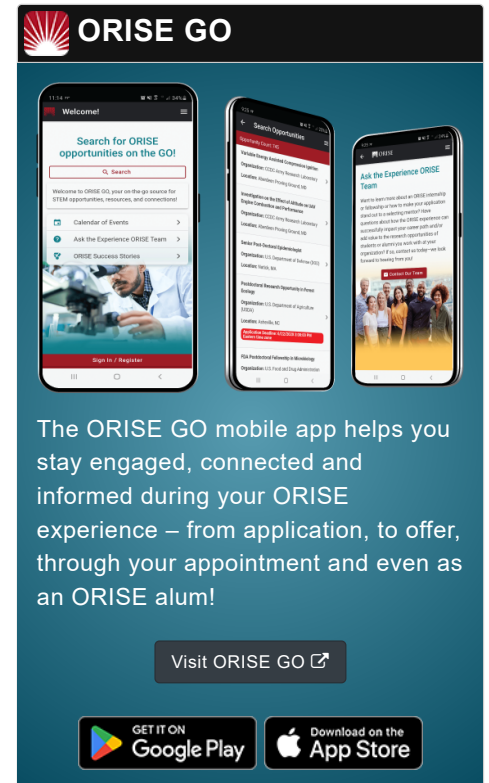
How to Apply Click on the *Apply* button below

Description EERE seeks a Fellow to engage on Diversity, Equity, and Inclusion in STEM (DEI in STEM) and Workforce Development. The specific project portfolio can be flexible to the fellow's interests and expertise – but broadly, example activities could include the following:

- Developing programs to collaborate on DEI in STEM, engaging with EERE offices, national labs, academic institutions, and the private sector.
- Building relationships and developing and implementing strategies to effectively partner with stakeholders to deploy renewable energy technologies and build energy resilience, with a focus on environmental and climate justice.
- Developing and implementing strategies to communicate, amplify, and conduct outreach about DEI in STEM activities.
- Developing and implementing effective strategies to collaborate on STEM and workforce gaps in clean energy technologies, with a focus on diversity, equity, and inclusion.
- Developing and implementing strategies to improve access to EERE project information and data, and analyze the impacts of EERE-funded projects as it relates to DEI in STEM objectives and goals.
- Collaborate on the analysis of workforce needs that span technology areas, including engagement with National Lab teams conducting such analysis
- Participate in communities-of-practices on DEIA, Justice40 and workforce and be liaison with Senior Advisor for workforce.
- Review Community Benefits Plans parts of proposals submitted for Bipartisan Infrastructure Law (BIL) programs, are successfully creating quality jobs and how to assess the effectiveness of those programs in creating quality of jobs.
- Conduct research on how training and workforce development activities impact current and future clean energy jobs, including synthesis of information with the focus on job quality and diversity, equity, inclusion and accessibility.

These activities will be carried out in collaboration with a team of federal employees, other fellows, support service contractors, and National Lab experts.

DOE's Energy Efficiency and Renewable Energy's mission is to accelerate the research, development, demonstration, and deployment of technologies and solutions to equitably transition



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America to net-zero greenhouse gas emissions economy-wide by no later than 2050, and ensure the clean energy economy benefits all Americans, creating good paying jobs for the American people—especially workers and communities impacted by the energy transition and those historically underserved by the energy system and overburdened by pollution.

Our work will also be driven by four crosscutting principles:

- Building the clean energy economy in a way that benefits all Americans. We must address environmental injustices that disproportionately affect communities of color, low-income communities, and indigenous communities.
- Fostering a diverse STEM workforce. We need to increase awareness of clean energy job opportunities at minority-serving institutions and ensure that organizations receiving EERE funding are thinking through diversity and equity in their own work.
- Developing more robust workforce training opportunities to build a pipeline for permanent, good-paying jobs for the clean energy workforce.
- Working closely and learning from state and local governments.

Qualifications Level 3: Doctorate or Master's degree for more than 3 years in an energy-relevant field of science, engineering or other highly quantitative field such as economics. If more than five years since receipt of graduate degree, applicant must have at least three years of post-degree experience in a technical or research position in a field related to energy innovation.

Level 2: Ph.D. or master's degree for no more than 3 years in an energy-relevant field of science, engineering or other highly quantitative field such as economics.

Level 1: Bachelor's degree for less than five years in an energy-relevant field of science, engineering or other highly quantitative field such as economics.

The ideal applicants would have superior academic performance and publication record, strong analytical, research and communication (oral and written) skills and demonstrated capacity for creative thinking, a strong technical background and expertise in an energy-technology-related field, and be interested in being part of a multi-disciplinary, fast-paced environment, focused on energy technology research and development. Experience and knowledge in technology commercialization is desirable, but not required.

For additional information about the EERE STP eligibility, please visit: <https://energy.gov/eere/education/energy-efficiency-and-renewable-energy-science-technology-and-policy-program>

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A completed application consists of:

- Profile Information
- Application Questions (*goals, experiences, and skills relevant to the opportunity*)
- Transcript(s) - An unofficial transcript or copy of the student academic records printed by the applicant or by academic advisors from internal institution systems may be submitted. Selected candidate may be required to provide proof of completion of the degree before the appointment can start.
- A current resume/CV
- One Letter of recommendation - While a letter of recommendation is not required to be considered, applicants are required to provide contact information for one recommendation in order to submit the application. Applicants are encouraged to request a letter of recommendation before submission as this may help reviewers have a better understanding of the applicant's qualifications and interests. The letter of recommendation must be submitted on your behalf before selections are completed and offers are made.

CV must include the following:









- Applicant Information
- Education History. List all institutions from which you received or expect to receive a degree, beginning with current or most recent institution. Include the name of the academic institution, degree awarded or expected, date of awarded or expected degree, and academic discipline.
- Work and Research Experience. List all work and research experiences beginning with current or most recent. Include the name of the employer, location, position held, and time period involved.
- Leadership Experience. List experiences (e.g., work, civic, volunteer, research) that demonstrate your leadership skills. Detail your role, type of experience, organization, location, and duration.
- Honors and Awards. List in chronological order (most recent first) any awards or public recognitions. Include the name of awarding institution, title of the award or honor, and date of award or honor.
- Publications. List publications in the following order: 1) referee journals; 2) books; 3) published proceedings; 4) non-refereed articles; and 5) patents. Citations must include a) authors; b) year of publication; c) title; d) full name of journal; e) volume number; and f) page number(s).

If you have questions, please send an email to DOE-RPP@orise.orau.gov. Please list the reference code for this opportunity in the subject line of your email.

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**Eligibility
Requirements**

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
 - **Chemistry and Materials Sciences** (12 )
 - **Communications and Graphics Design** (2 )
 - **Computer, Information, and Data Sciences** (17 )
 - **Earth and Geosciences** (21 )
 - **Engineering** (27 )
 - **Environmental and Marine Sciences** (14 )
 - **Life Health and Medical Sciences** (48 )
 - **Mathematics and Statistics** (11 )
 - **Physics** (16 )
 - **Science & Engineering-related** (2 )
 - **Social and Behavioral Sciences** (28 )
- **Age:** Must be 18 years of age