

Opportunity Title: DEIA and Sustainable Development Fellow

Opportunity Reference Code: DOE-EERE-STP-AMMTO-2024-1000

Organization U.S. Department of Energy (DOE)

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How to Apply To apply, click on *Apply* at the bottom of this page.

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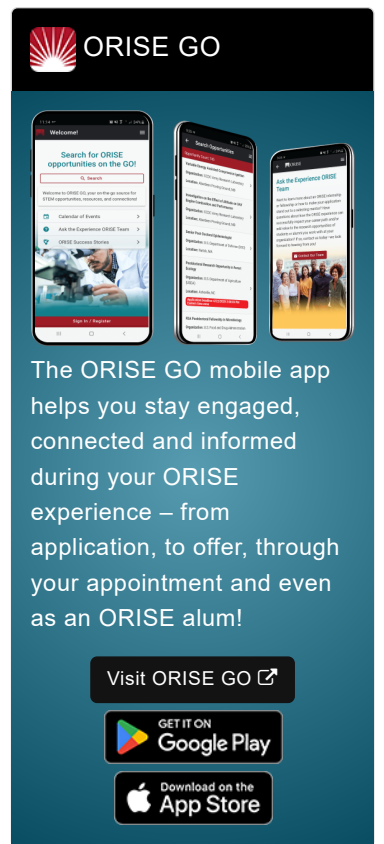
Description The Energy Efficiency and Renewable Energy (EERE) Science, Technology, and Policy (STP) Program serves as a next step in the educational and professional development of scientists, engineers, and professionals by providing opportunities to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy (EERE) in Washington, D.C. Participants will become part of a group of highly-trained scientists, engineers, and policy experts with the education, background, and experience to support DOE's mission and transition to a clean energy economy.

The Advanced Manufacturing and Manufacturing Technologies Office (AMMTO) is part of the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE). AMMTO invests in manufacturing innovation to accelerate and strengthen clean energy technology manufacturing, material supply chains and the broader clean economy, supporting the growth of a modern, equitable manufacturing industry. Current priority topics for AMMTO include social science methodological approaches to DEIA and the social impact integral to energy justice and energy equity.

Innovation is central to AMMTO's vision, mission, and activities, and AMMTO places a distinct emphasis on benefiting **people and communities**. As the world economy transitions away from fossil fuels, new opportunities arise to create healthier and more resilient communities, widespread economic prosperity, and good paying jobs across the country. AMMTO is committed to addressing the climate crisis and building a clean, decarbonized economy where the health, economic, and social benefits extend to all levels of society, regardless of ability, race, location, or socioeconomic status. AMMTO's commitment to environmental justice and energy equity frames the initiatives of the office, as AMMTO works to ensure that no population bears a disproportionate share of negative environmental consequences. Meaningful involvement requires the ability for all communities to make informed decisions and take positive actions to produce environmental justice for themselves.


AMMTO is seeking talented and passionate ORISE Fellows who can collaborate on the social science behind technical, programmatic, strategic, and policy efforts that will meet office EERE and DEIA goals and drive innovation in U.S. manufacturing. You will collaborate closely with AMMTO staff – including several former Fellows – and will develop a broad understanding of the social impact potentials of new technologies as well as the socio-economic barriers to equitable access to clean energy, environmental justice, and sustainable development around decarbonization. With guidance from a mentor, you will learn how to:


- Utilize social science expertise to support decision-makers in the areas of environmental justice and energy equity policies, planning and research, sustainable development, engagement with underrepresented communities, and inclusive communication
- Analyze socio-economic needs and opportunities and the potential impacts of program and policy decisions




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- Provide input for socio-economic analysis of community development, workforce development, and stakeholder engagement initiatives as they relate to energy equity and environmental justice
- Assess the potential for internal growth and improvement regarding DEIA initiatives in terms of recruiting, hiring, and diversifying AMMTO talent
- Identify and evaluate new critical strategies for regional and community-level sustainable development around America's decarbonized future
- Act as a social science resource for AMMTO early stage applied research and development projects
- Provide expert guidance, using a DEIA lens, to support AMMTO with adhering to the Department of Energy (DOE)'s DEIA strategic plan and Department-wide DEIA goals and initiatives
- Facilitate and deploy programs and trainings to advance DEIA knowledge, accountability, and culture across AMMTO
- Develop initiatives to strengthen external partnerships and targeted outreach opportunities with diverse organizations

Through these activities, you will help establish and nurture the critical link between DOE decision-makers and other scientific professionals to support public policy.

Stipend and Benefits

AMMTO offers a competitive stipend for participation in this program determined on an individual basis. This Fellowship also offers a range of additional benefits including: medical insurance, a local transportation stipend, and Federal holidays. Relocation expenses incurred in relocating from current address to Washington, D.C. will be reimbursed, in the amount of up to \$5,000 (if more than 50 miles from the address shown on the application). Fellows will receive a travel and research allowance of \$10,000 per appointment year to cover expenses for scientific and professional development activities. Fellows may be offered an extension for additional years with an increase in stipend and cost of living adjustment. Past Fellows have gone on to take a wide range of permanent positions in industry, academia, and government.

For more information about Fellowships with AMMTO in the EERE Science, Technology, and Policy Program, please

visit <https://www.energy.gov/eere/ammto/about-advanced-materials-manufacturing-technologies-office>.

Appointment Start Date

Exact start dates will be determined at the time of selection and in coordination with the selected applicant. Applications are reviewed on an on-going basis and appointments will be offered as qualified candidates are identified over the course of the application cycle, which is usually open for at least one year.

Appointment Location

Washington, D.C.

Nature of Appointment

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The Fellow will not enter into an employee/employer relationship with ORISE, ORAU, DOE, or any other office or agency. Instead, the Fellow will be affiliated with ORISE for the administration of the appointment through the ORISE letter of appointment and Terms of Appointment. **The initial appointment period will be for one year, with the possibility to extend the appoint for additional years at discretion of the mentor and sponsoring office.**

Qualifications Qualified candidates will have a terminal degree or All But Dissertation (ABD) in the social sciences with a specialization in sustainable development as it relates to DEIA, social inclusion, a decarbonized economy, environmental justice, and energy equity. Candidates will have expertise in one or more of the applicable social sciences (e.g. sociology, psychology, anthropology, sustainable development, etc.) and preferably experience in industry.

You must be a U.S. Citizen or Lawful Permanent Resident (LPR) to be eligible for this opportunity.

A complete application consists of:

- An application
- Transcript(s) - For this opportunity, 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 candidates will be required to provide proof of completion of the degree before start of appointment.
- A current resume/curriculum vitae (CV)
- 1 letter of recommendation

The resume/CV must include the following:

- Basic applicant Information: Name, address, phone, email, and other contact information.
- Work & Research Experience: List all relevant 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.
- Educational 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.
- Honors & 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.

If you have questions, please send an email to DOE-RPP@orise.orau.gov and list the reference code [DOE-EERE-STP-AMMTO-2024-1000] in the subject line of your email.

Eligibility • **Citizenship:** LPR or U.S. Citizen

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- Requirements**
- **Degree:** Doctoral Degree.
 - **Academic Level(s):** Any academic level.
 - **Discipline(s):**
 - **Communications and Graphics Design** ([2](#))
 - **Earth and Geosciences** ([2](#))
 - **Engineering** ([2](#))
 - **Environmental and Marine Sciences** ([3](#))
 - **Life Health and Medical Sciences** ([8](#))
 - **Other Non-Science & Engineering** ([5](#))
 - **Social and Behavioral Sciences** ([24](#))
 - **Age:** Must be 18 years of age