

Opportunity Title: Clean Energy Supply Chain Tax Credit Fellow

Opportunity Reference Code: DOE-STP-MESC-2024

Organization U.S. Department of Energy (DOE)

Reference Code DOE-STP-MESC-2024

How to Apply Click on Apply below to start your application.

Mentors are actively seeking applicants for this opportunity and will review submitted applications for selection on an ongoing basis throughout the year.

Description The U.S. Department of Energy (DOE) Science, Technology and Policy Program provides opportunities for postgraduates and faculty to participate in programs, projects, and activities at the [Office of Manufacturing and Energy Supply Chains](#). Fellows will receive hands-on experience that provides an understanding of the mission, operations, and culture of the DOE. As a result, fellows will gain deep insight into the federal government's role in the creation and implementation of energy technology policies; apply their scientific, policy, and technical knowledge to the development of solutions to issues of importance to the DOE and continue their education and involvement in areas that support the DOE mission either in a technical or policy-related role.

About the Office of Manufacturing and Energy Supply Chains

Established in 2022 as a new office under the Office of the Under Secretary for Infrastructure, the Manufacturing and Energy Supply Chain (MESC) office serves as the frontline of clean energy capital deployment, accelerating America's transition to a resilient, equitable energy future through \$20 billion of direct investments in manufacturing capacity and workforce development. MESC develops and provides the analytical tools that help to inform programs and investments across DOE and the U.S. Government.

The Inflation Reduction Act (Public Law 117-169) included several tax incentives to support domestic manufacturing of critical clean energy supply chains. These included the Section 45X Advanced Manufacturing Production Credit, the Section 48C Advanced Energy Property Credit, and domestic content requirements in incentives for clean electricity and clean vehicles. MESC is interested in an ORISE fellow to assist in supporting DOE analysis and technical assistance for these credits, including assessing the impacts of the Section 45X credit.

Description of the Project(s) and Activities

The Office of Manufacturing and Energy Supply Chains (MESC) seeks one (1) talented and committed individual who will learn and engage in the following:



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- Conduct analysis related to the impact of federal manufacturing tax credits, including through collaboration with National Lab contractors and experts across the Department.
- Brief Department of Energy and interagency stakeholders on technical analysis.
- Engage with private-sector companies, other Federal agencies, and key stakeholders to collect, analyze, respond to, and share data about energy supply chains to inform future decision making and investments.

Nature of Appointment

You will not enter into an employee/employer relationship with ORISE, ORAU, DOE, or any other office or agency. Instead, you will be affiliated with ORISE for the administration of the appointment through the ORISE letter of appointment and Terms of Appointment.

Qualifications Qualifications

Favorable candidates will have the following:

- Bachelor's and/or advanced degree in Economics, Environmental Policy, Engineering, or related fields
- Experience analyzing public policies, including modeling and/or assessment of real-world impacts
- Experience in developing, organizing, and/or evaluating projects and programs. Experience engaging with and synthesizing technical subject matter; specific experience with energy, materials, and/or engineering topics is a plus.
- Strong written and oral communication skills to present technical results and briefings to audiences of all levels and engage with diverse stakeholders
- Confidence and curiosity to learn, ask questions, and engage with top technology experts at the national labs, industry, and academia

A Complete Application Consists of:

- Zintellect Profile and responses to opportunity specific questions
- A current resume/CV, including academic history, employment history, and relevant experiences
- Academic Records - 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 candidate may be required to provide proof of completion of the degree before the appointment can start.
- One Recommendation - Applicants are required to provide contact information for one recommendation in order to submit the application. You are encouraged to request a recommendation from professionals who can speak to your abilities and potential for success as well as your scientific capabilities and personal characteristics. Recommendation requests must be sent through the

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Zintellect application system. Recommenders will be asked to complete a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted.

*All documents **must** be submitted via Zintellect in order to be considered and must be in English or include an official English translation. Submitted documents must have all social security numbers, student identification numbers, and/or dates of birth removed (blanked out, blackened out, made illegible, etc.) prior to uploading into the application system.*

If you have questions, send an email to DOE-rpp@orise.orau.gov. Please include the reference code DOE-STP-MESC-2024 for this opportunity in your email.

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Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
- **Academic Level(s):** Post-Bachelor's, Postdoctoral, or Post-Master's.
- **Discipline(s):**
 - **Engineering** (27 👁)
 - **Environmental and Marine Sciences** (14 👁)
 - **Social and Behavioral Sciences** (4 👁)
- **Age:** Must be 18 years of age