

**Opportunity Title:** Manufacturing Workforce, Deployment, and Decarbonization  
Strategy Fellow  
**Opportunity Reference Code:** DOE-STP-MESC-2024-2402

**Organization** U.S. Department of Energy (DOE)

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**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 is designed to provide opportunities for postgraduates and faculty to participate in programs, projects, and activities at the Department. 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.

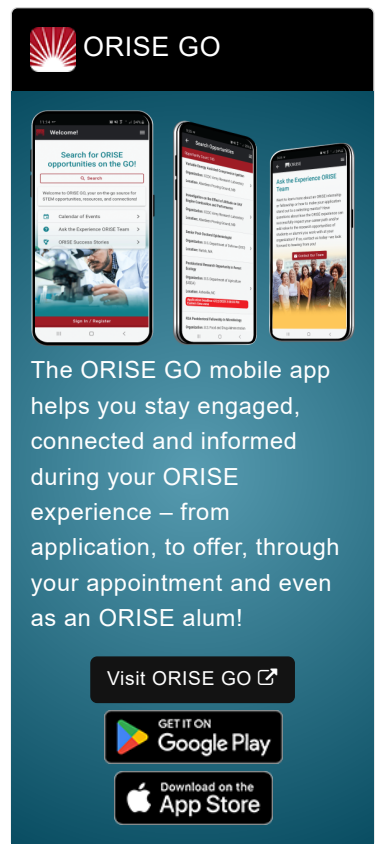
#### About the Office of Manufacturing and Energy Supply Chains

The U.S. Department of Energy (DOE) Office of Manufacturing and Energy Supply Chains (MESC) is the frontline of clean energy capital deployment to accelerate America's transition to a resilient, equitable clean energy future via direct investment in manufacturing capacity and workforce development. MESC's Science, Technology and Policy (STP) Program develops future leaders in clean energy manufacturing, industrial decarbonization, and clean energy-related workforce and economic development. MESC STP appointments provide an opportunity for talented scientists, engineers, economists, and technical professionals (e.g., business analysts, data scientists, informaticians) to participate in policy-related projects at MESC offices in Washington, D.C.

MESC seeks a fellow to learn about developing strategies for its Manufacturing and Workforce Deployment area. This area is actively deploying over \$1 billion in funds from the Bipartisan Infrastructure Law to develop a skilled clean energy and advanced manufacturing workforce that represents the diversity of America and a strengthened base of small and medium-sized manufacturers prepared to lead the global clean energy transition, and to decarbonize energy-intensive industries – all with a focus on investing in disadvantaged communities and in communities transitioning away from fossil fuel reliance. At the same time as it implements these programs, the Manufacturing and Workforce Deployment area also is developing longer-term strategic plans and tools to enable the office to serve as a platform for ongoing strategic investment in clean energy manufacturing, workforce development, and industrial decarbonization.


The fellow will gain a better understanding about the MESC team while learning about activities critical to the office's mission. This Fellowship will be offered as an initial one-year appointment with a second-year offer to extend the appointment, contingent on mentor approval and funding. There is potential to extend the appointment for additional years under certain circumstances. All appointment extensions are made at the discretion of the sponsoring office. Fellowships are expected to begin in Summer 2024. Your learning opportunities may include:


- Learn about strategic analyses and building dynamic models, to identify technology areas, geographies, population groups, and program types in which additional public investment may be warranted.
- Networking with stakeholders across government; industry; national labs; the workforce,




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educational, and economic development systems; and others.

- Learn about project management of MESC awards (including interfacing with awardees to better understand operational problems and possible solutions)
- Participating in strategic planning for MESC and other DOE initiatives
- Learn about authoring external-facing reports, including Reports to Congress, on topics related to clean energy manufacturing workforce and economic development, industrial decarbonization, or related topics
- Contributing to collaboration with inter-office groups focused on advancing and institutionalizing cross-DOE priorities including workforce development, energy equity, environmental justice, and industrial decarbonization.
- Expanding knowledgebase on scoping and coordinating National Laboratory studies on similar topics.

These activities may be carried out in collaboration with teams of multi-level federal employees, other participants, support service contractors, and experts from national laboratories.

The following DOE Offices support appointments through this program: Office of Manufacturing and Energy Supply Chains (MESC).

To learn more, please visit our [website](#).

**Participant Benefits:**

Participants will receive a base stipend based on relevant experience, to be determined by DOE-MESC.

**Stipend range:** \$90,000-\$120,000, annually.

Participants are eligible to purchase health insurance plans offered through ORISE. Participants may receive a health insurance stipend supplement to offset premium costs.

Participants may be eligible to receive a travel and training allowance of \$10,000 per appointment period to be used for travel expenses for scientific and professional development activities and required travel for team meetings during the fellowship.

Participants may be eligible for a one-time relocation stipend supplement at the direction of DOE-MESC.

**Nature of Appointment**

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

**Qualifications** Applicants must have received their Bachelor's, Master's, or Doctoral degree within the last 5 years, or be currently pursuing their degree and will have completed all degree requirements by the desired start date. Applicants currently pursuing a degree must provide proof of completion of all degree requirements before the appointment start date. If it has been more than 5 years since the receipt of the degree, to be considered the applicant must have an academic or technical background in a relevant field and must be seeking to gain new knowledge/experience to expand career opportunities or to advance professionally.

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A complete application consists of:

- Zintellect Profile and responses to opportunity specific questions.
- Transcripts/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.
- A current resume/CV, including academic history, employment history, and relevant experiences (\*see below for instructions).
- One Recommendation - Applicants are required to provide contact information for one recommender 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 Zintellect application system. Recommenders will be asked to complete a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted. Recommendations must be submitted on your behalf through Zintellect before an offer is made.

*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 (blacked out, blackened out, made illegible, etc.) prior to uploading into the application system.*

\*The resume/CV must include the following:

- Basic applicant Information: Name, address, phone, email, and other contact information.
- Work & 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.
- 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](mailto:DOE-RPP@orise.orau.gov). Please list the reference code for this opportunity in the subject line of your email: DOE-STP-MESC-2024-2402

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app in the [Apple App Store](#) or [Google Play Store](#) to help you stay engaged, connected, and informed during your ORISE experience and beyond!

**Point of Contact** [Alyson Williamson](#)

**Eligibility**

- **Citizenship:** LPR or U.S. Citizen

**Requirements**

- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.

- **Discipline(s):**

- **Business** ([4](#) 👁)

- **Computer, Information, and Data Sciences** ([1](#) 👁)

- **Engineering** ([4](#) 👁)

- **Mathematics and Statistics** ([2](#) 👁)

- **Social and Behavioral Sciences** ([3](#) 👁)

- **Age:** Must be 18 years of age

- **Veteran Status:** Veterans Preference, degree received within the last 60 month(s).