

Opportunity Reference Code: DOE-STP-FECM-2024-2402

Organization U.S. Department of Energy (DOE)

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

Application Deadline

Application deadline is March 29, 2024.

Application Deadline 3/29/2024 11:59:00 PM Eastern Time Zone

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.

> The mission of the Office of Fossil Energy and Carbon Management (FECM) is to minimize the environmental and climate impacts of fossil fuels and key industrial processes to help achieve net-zero emissions. FECM's research, development, demonstration, and deployment programs help develop and deploy technologies and infrastructure to reduce emissions, particularly from the hardest-to-decarbonize applications in the electricity and industrial sectors. For more information about the Office of Fossil Energy and Carbon Management, please visit https://www.energy.gov/fecm/office-fossil-energy-and-carbon-management

FECM is seeking motivated students and recent graduates to participate in projects at the forefront of the clean energy transition, helping to address the climate crisis through a 12-month fellowship with FECM. This project entails building and maintaining strong relationships with Tribal and Alaska Native governments, representatives, and communities to support the development of consistent approaches and accessibility to FECM activities, projects, and programs, both proactively and in response to requests for engagement.

As an ORISE participant, you will gain insight into the Federal government's role in the creation of clean energy technology research and development, be provided an opportunity to contribute to a project or projects related to energy and climate change policies by applying scientific and technical knowledge and continue your education and involvement in areas that support the DOE mission either in a technical or policy-related area. You will become part of a team and be mentored by highly-trained staff that support the DOE's priorities to combat the climate crisis, create clean





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energy union jobs, and promote energy justice. During the fellowship the selected candidate(s) will learn:

- to translate comprehensive knowledge of FECM's portfolio to pertinent audiences, various contacts, and interested parties.
- how to plan and organize projects and how to negotiate effectively with management to accept and implement recommendations, where the proposals involve resources, require changes in established procedures, or may conflict with other program goals and objectives.
- how to communicate, both orally and in writing, to effectively inform and educate others about the FECM programs and outreach issues such as priorities, research and development (R&D) needs, accomplishments, and related activities.

Participant Benefits

A stipend will be based on appointment level and commensurate with qualifications:

- Bachelor's or Associate Students: Stipend starting at \$30,000.
- Bachelor's Degree | Master's Students or Degree | Doctoral Students: Stipend starting at \$50,000.
- Doctoral Degree: Stipend starting at \$75,000.
- Faculty: Selected applicant will receive a stipend starting at \$100,000.

FECM will provide a supplemental stipend to offset the costs of health insurance. Participants are eligible to purchase health insurance plans offered through ORISE. Participants may receive an allowance for education and/or scientific activities as approved by FECM. Travel expenses may be approved.

Appointment Information

The initial appointment can be for one year or less. Appointments may be renewed upon recommendation of FECM contingent on the availability of funds for up to an additional four years.

Nature of the Appointment

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

Qualifications Qualifications

Participants must be a U.S. Citizen and fall into one of the following categories:

- Student: Candidate must be an undergraduate or graduate student enrolled in an accredited U.S. college, university, technical institute, or must be in an institution approved by FECM. Part-time students may be considered with sponsor approval.
- Postgraduate: Candidate must have received an associate's,



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bachelor's, master's, or doctorate degree within the last 5 years. If it has been more than 5 years since the receipt of the degree, to be considered the applicant must have an academic background and experience in a relevant field and must be seeking to gain new knowledge/experience to expand career opportunities or to advance professionally.

 Faculty: Candidate must be full-time faculty member at an accredited U.S. college, university or technical institute.

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 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-FECM-2024-2402 for this opportunity in your email.

Connect with ORISE...on the GO! Download the new ORISE GO mobile app in the Apple App Store or Google Play Store to help you stay engaged, connected, and informed during your ORISE experience and beyond!

Eligibility Requirements

- Citizenship: U.S. Citizen Only
- **Degree:** Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree.
- Discipline(s):
 - Business (11.●)
 - Chemistry and Materials Sciences (12 ●)
 - Communications and Graphics Design (6_♥)
 - Computer, Information, and Data Sciences (16 ●)
 - Earth and Geosciences (21 ●)
 - Engineering (27 ●)
 - Environmental and Marine Sciences (14 🍩)
 - Life Health and Medical Sciences (45 ♥)
 - Mathematics and Statistics (10)



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- ∘ Other Non-Science & Engineering (13.●)
- Physics (<u>16</u> ●)
- Science & Engineering-related (1_●)
- Social and Behavioral Sciences (<u>27</u>.
- Age: Must be 18 years of age