Opportunity Title: 2022 DOE Scholars-Internships- Office of Fossil Energy and Carbon Management
Opportunity Reference Code: DOE-SCHOLARS-2022-FECM

Organization	U.S. Department of Energy (DOE)
Reference Code	DOE-SCHOLARS-2022-FECM
How to Apply	Click on *Apply* below to start your application. **This is a continuous posting. Applications will be reviewed and selected as opportunities become available.**
Application Deadline	9/30/2022 11:55:00 PM Eastern Time Zone
Description	The U.S. Department of Energy's (DOE) Office of Fossil Energy and Carbon Management (FECM) seeks motivated students and postgraduates to participate in projects at the forefront of the clean energy transition, helping to address the climate crisis. FECM plays an important role in providing solutions that address the climate crisis. We are working to minimize the climate and environmental impacts of fossil energy and to advance carbon management.

FECM research priorities include point source carbon capture, CO_2 removal, CO_2 conversion into products, reliable CO_2 storage; blue hydrogen production; and critical mineral production from industrial and mining waste. Point source carbon capture and reliable storage (CCS), as well as CO_2 removal to address our hardest to decarbonize sectors are essential to get where we need to be – a low-carbon economy at the lowest possible cost. As a global leader in the research and development of CCS, carbon removal, reliable storage, and the conversion of CO_2 into products, FECM is also working on developing and deploying low-carbon supply chains like cement and concrete, steel, paper, fuel, nylon polyester, and other important products.

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 role. 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 energy union jobs, and promote energy justice.

For more information about the Office of Fossil Energy and Carbon Management, please visit https://www.energy.gov/fe/office-fossil-energy.

Participant Benefits

Selected candidates will receive a stipend as support for their living and other expenses during this appointment. Stipend rates are determined by DOE officials and are based on the candidate's academic and professional background. Inbound/Outbound expenses, not to exceed $1,000, incurred in relocating more than 50 miles from the address shown on the application may be reimbursed.

Appointment Location

Washington, DC or Germantown, MD; FECM will also consider virtual appointments.

Length of Appointment

Appointments may vary in length depending on the project assignment. Appointments may be full-time (based on 40 hours per week) or part-time.

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.

Additional Information

For more information on the DOE Scholars Program, visit https://orise.orau.gov/doescholars or contact us at doescholars@orise.orau.gov.

The DOE Scholars Program offers multiple opportunities during the year to accommodate the needs and schedule of individual sponsoring offices. Opportunities may have different eligibility requirements, benefits and deadlines. To be considered you must apply to each opportunity individually.

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!

Qualifications Participants must fall into one of the following categories:

- **Student:** Candidate must be a pre-college, undergraduate or graduate student enrolled in an accredited U.S. college, university, technical institute, or pre-college school, 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, bachelor's, master's or doctorate degree. Otherwise, the candidate will be required to complete all requirements for such a degree prior to the desired starting date.

How to Apply

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 academic records may be submitted. Transcript or academic

records must clearly show the student name, name of the academic institution, enrollment during the academic term at the time of application, current/completed/enrolled courses, grades, most recent cumulative GPA, and degree in progress/completed.

- Academic or Professional Recommendation: Recommendation should address the your academic record and potential for success in an appointment, such as demonstrated intellectual merit, communication and teamwork skills. Recommenders will be asked to submit a recommendation in Zintellect. Letters of recommendation submitted via email will not be accepted. Recommendation deadline: September 30, 2022, 11:55:00 PM Eastern Time Zone

*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.*

Eligibility Requirements

- **Citizenship:** U.S. Citizen Only
- **Degree:** High School Diploma/GED, Associate's Degree, Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.
- **Discipline(s):**
  - **Business** (11 👁)
  - **Chemistry and Materials Sciences** (12 👁)
  - **Communications and Graphics Design** (6 👁)
  - **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 👁)
  - **Other Non-Science & Engineering** (13 👁)
  - **Physics** (16 👁)
  - **Social and Behavioral Sciences** (29 👁)
- **Age:** Must be 18 years of age