

# Regional Carbon Management Applicant Education Workshops



**OAK RIDGE INSTITUTE  
FOR SCIENCE AND EDUCATION**  
*Shaping the Future of Science*

**Workforce  
Development**

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DOE Participation Programs



# DOE Mission Enabler

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The mission of the Department of Energy is to ensure America's security and prosperity by addressing its energy, environmental, and nuclear challenges through transformative science and technology solutions.

**ORAU/ORISE has impacted the lives of 100,000+ through these educational experiences!**

***#MakingAnImpactThatMatters***



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*Shaping the Future of Science*

Unique DOE  
mission-support  
asset

Programs dating  
back to 1946

Established in  
1992

Managed as a  
FAR-based  
contract



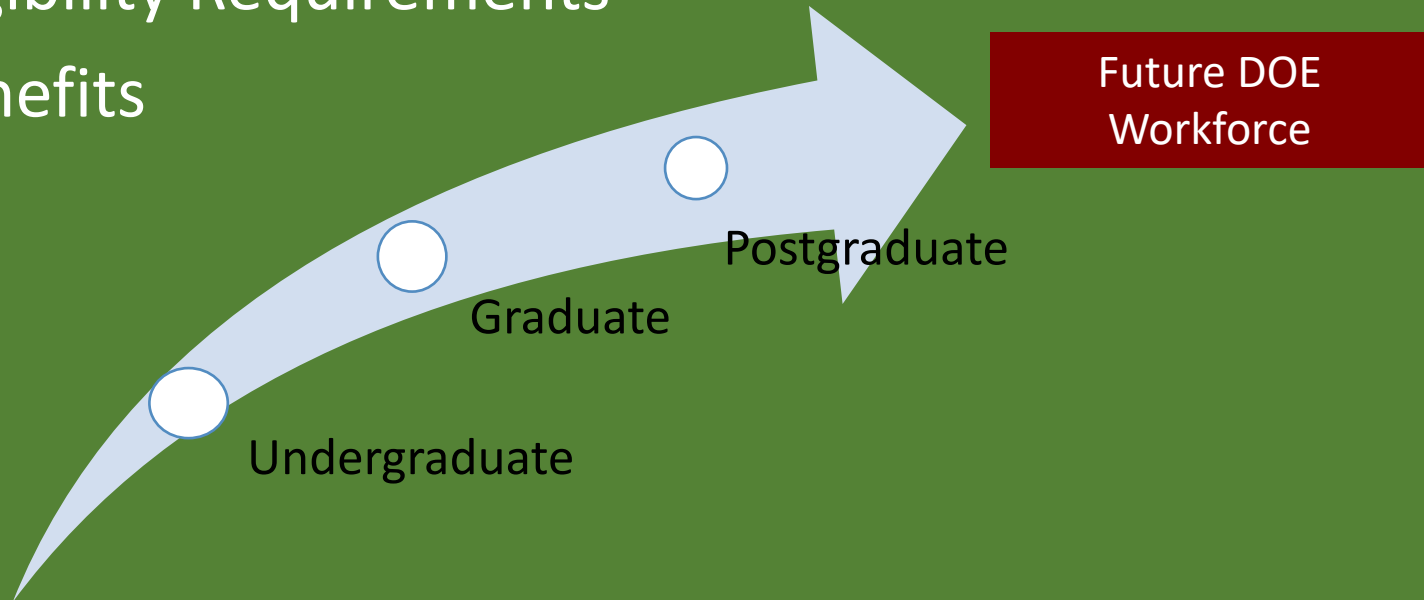
# ORISE Participant Experience Core Competencies

- 1 Research, Policy, and Technical Development
- 2 Effective STEM Communication
- 3 Impactful Mentorship
- 4 STEM Leadership and Management
- 5 Professionalism
- 6 Value of Learning and Professional Development



# Programs Supporting FECM Mission

- Objectives
- Eligibility Requirements
- Benefits



Many Programs = Many Opportunities





## Summer Internships

*Scientific Research*

*Policy*

*Business and Government Relations*

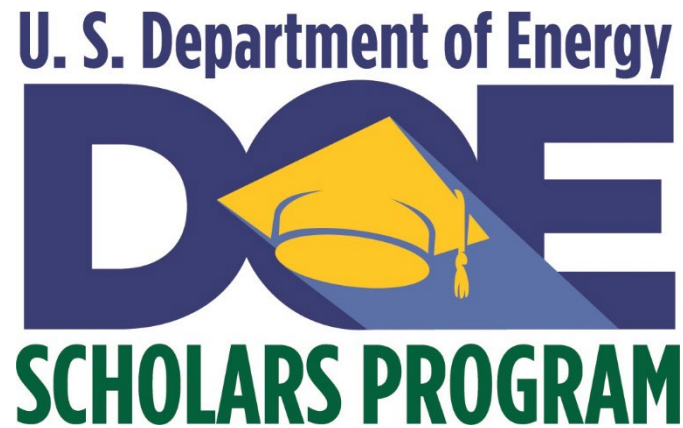
### Open to undergraduate and graduate students at Minority Serving Institutions

**Benefits:** Students are provided a mentor, participate in weekly professional development workshops and have opportunities to network with experts throughout the DOE and its national laboratories.

**Location:** DOE National Labs and Offices

**Duration:** 10-weeks on site, with virtual options if required by hosting facility

**Academic Fields:** science, technology, engineering, mathematics, communication, management, business and law



*Explore the  
Possibilities!*

- Designed to introduce DOE missions, functions, and operations
- Open to undergraduate and graduate students, and recent graduates pursuing or having a degree in:
  - STEM disciplines
  - Fields that support the DOE operations mission
    - Communications, management, business and law...
- Offers summer and year long appointments
- Research, policy, and technical appointments

*Sponsor-Specific Opportunities are offered during the year*

<https://orise.orau.gov/doescholars/>



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# DOE Science, Technology and Policy Program

- Provides opportunities for students, postgraduates, established scientists and faculty to participate in programs, projects, and activities sponsored by FECM.
- Appointments at DOE Headquarters and other FECM-approved sites.
- Appointments are typically for a year, and may be extended in one-year increments for up to five years.
- Start and end dates varies.





# Research Programs

- **Professional Internship Program**  
Open to undergraduate and graduate students, and recent bachelor's graduates
- **Postgraduate Research Program**  
Open to recent graduates with master's or doctorate degrees
- **Faculty Research Program**  
Open to full-time permanent faculty member at an accredited U.S. institution

## LOCATIONS:

Morgantown, WV, Pittsburgh, PA, Albany, OR



# Zintellect

Opportunities are posted in the ORISE catalog and are searchable at <https://zintellect.com/Catalog>

**zintellect**  
climb higher

powered by **ORAU**

[Opportunity Catalog](#) [About](#) [Help](#) [Login](#) [Register](#)

## Applicants

Access hundreds of research internships, fellowships, and scholarships funded by the government and private sector organizations.

### Find Your Opportunity!

Enter Keyword **GO!**

Find your new opportunity here! Search by keyword, academic level, discipline, or organization.

## Mentors

Search for and view details for opportunities to which you are assigned or for opportunities open to anyone within your agency/department, review applications submitted for those opportunities, and recommend candidates.

**Request Access**

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Keyword

fossil

Academic Levels

Select

Field(s) of Study

Select

Citizenship

Select

Organizations

× National Energy Technology Laboratory (NETL)

× U.S. Department of Energy (DOE)

Programs

Select

State

Select

City

Enter City

Opportunity	Reference Code	Location	Posted
2022 DOE Scholars - Internships - Economic Impact and Diversity Application deadline is 04-11-2022 11:59:00 PM Eastern time zone	DOE-Scholars-2022-ED	Washington, DC	03-22-2022
Advanced Reaction Systems: Advanced Gasifier Design Application deadline is 12-30-2022 11:59:59 PM Eastern time zone	NETL-PGRP-2022-Rogers	Morgantown, WV	03-03-2022
Corrosion Studies for Energy Infrastructure Sensing - Postdoctoral Researcher Application deadline is 07-30-2022 11:59:59 PM Eastern time zone	NETL-PGRP-2022-Wright	Pittsburgh, PA	04-05-2022
Fellowship opportunity at the Department of Energy (DOE) Loan Programs Office Application deadline is 06-30-2022 11:59:00 PM Eastern time zone	DOE-STP-LPO-8000-2022	Washington, DC	01-12-2022
Mechanical Simulation and Advanced Data Analytics for Energy Infrastructure Sensing - Student Application deadline is 05-01-2022 11:59:59 PM Eastern time zone	NETL-PIP-2022-Wright	Pittsburgh, PA	04-05-2022
Opportunity at DOE Office of Fossil Energy and Carbon Management	DOE-STP-FECM-2022-01		10-01-2021
Optical Fiber Sensor and Interrogator Development - Postgraduate Application deadline is 07-30-2022 11:59:59 PM Eastern time zone	NETL-PGRP-2022-WrightR	Pittsburgh, PA	04-05-2022
Quantum Sensing - Faculty Collaboration Application deadline is 07-31-2022 11:59:59 PM Eastern time zone	NETL-2022-FRP-Duan	Pittsburgh, PA	02-01-2022
Quantum Sensing - Postgraduate Opportunity Application deadline is 07-31-2022 11:59:59 PM Eastern time zone	NETL-2022-PGRP-Duan	Pittsburgh, PA	02-01-2022

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- [www.orise.orau.gov](http://www.orise.orau.gov)
- [www.Zintellect.com](http://www.Zintellect.com)



Questions? Ask us at  
*[ExperienceORISE@orau.org](mailto:ExperienceORISE@orau.org)*



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