

**Opportunity Title:** DOE Scholars - 2025 - Biological and Environmental Research

**Opportunity Reference Code:** DOE-Scholars-2025-SC

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

**Reference Code** DOE-Scholars-2025-SC

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

Applications will be reviewed upon receipt, and the opportunity will remain open until a qualified candidate is selected.

**Description** The DOE Scholars Program is designed to attract talented undergraduate and graduate students, and recent graduates to research, technical and professional opportunities within U.S. Department of Energy (DOE) and organizations that support the DOE mission. This opportunity is funded by U.S. Department of Energy's Biological and Environmental Research as part of the Center for Advanced Bioenergy and Bioproducts Innovation (CABBI) Bioenergy Research Center.

CABBI's mission is to develop efficient ways to grow bioenergy crops, transform biomass into valuable chemicals, and market the resulting biofuels and other bioproducts. It aims to integrate recent advances in agronomics, genomics, and synthetic and computation biology to increase the value of energy crops and help reduce our nation's dependence on fossil fuels. The U.S. Department of Agriculture-Agricultural Research Service's (USDA-ARS) role in CABBI is to develop high-yielding energy cane varieties that are adapted to the southeastern United States. Assessment of different varieties of cane for yield and quality traits (e.g. cold tolerance, recoverable sucrose, biomass yield, disease resistance, etc.) will be conducted as part of this project, which falls under the "Feedstock Production" theme of CABBI.

### Stipend

The DOE Scholars Program provides stipends starting at \$700 per week for undergraduate students and \$750 per week for graduate students and recent graduates.

### Travel

Travel reimbursement of inbound and outbound costs up to \$1,000 for participants who live more than fifty miles, one-way, from the assigned hosting site.

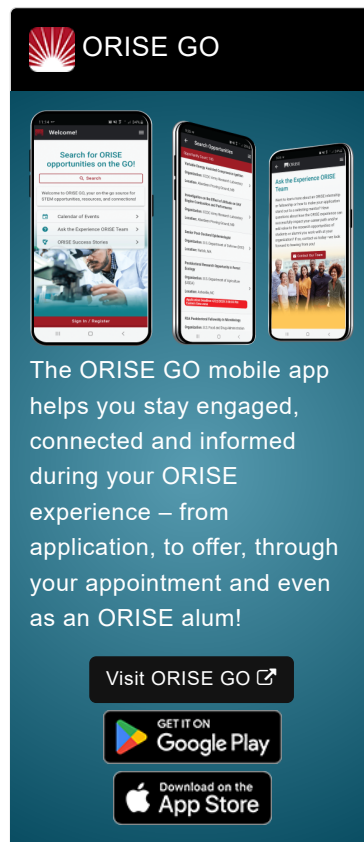
### Length and Location of the Appointment

Appointment duration may vary depending on the participant and host office schedules.

Appointments will be located at U.S. Department of Agriculture-Agricultural Research Service (USDA-ARS) Sugarcane Research Unit, Houma, LA.


### Nature of the Appointment


Participants 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




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appointment through the ORISE appointment letter and Terms of Appointment.

**A complete application consists of:**

- Profile Information
- Essay Questions (goals, experiences, and skills relevant to this opportunity)
- Resume (PDF)
- Transcripts/Academic Records - Unofficial transcripts or copies of the student academic records printed by the applicant or by academic advisors from internal institutional systems may be submitted. Transcripts/Academic Records must include name of the academic institution, name of the student, completed/in progress coursework and grades. 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.
- Recommendation - You are encouraged to request a recommendation from a professional who can speak to your abilities and potential for success as well as your professional capabilities and personal characteristics. Recommenders will be asked to complete a recommendation in Zintellect. The application is not considered complete until a recommendation has been submitted on your behalf. You can check the status in your Zintellect dashboard.

All documents must be submitted via Zintellect. All application components **must** be received in the system in order to be considered.

**Additional Information**

For more information on the DOE Scholars Program, visit <https://orise.orau.gov/doescholars> or contact us at [doescholars@orise.orau.gov](mailto: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.*

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**Qualifications** The DOE Scholars Program is open to all students and recent graduates who meet the following qualifications at the time of application:

- Be a U.S. Citizen.
- Be 18 years of age.
- Must be pursuing a degree or have an undergraduate (B.A., B.S. or

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equivalent) or graduate (M.S., DVM, Ph.D., MD or equivalent) degree in life science, environmental and marine science, or other related fields.

**Point of Contact** [Renee](#)

**Eligibility** • **Citizenship:** U.S. Citizen Only

**Requirements** • **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree received within the last 60 months or currently pursuing.

- **Discipline(s):**
  - **Environmental and Marine Sciences** ([14](#) 👁)
  - **Life Health and Medical Sciences** ([51](#) 👁)
- **Age:** Must be 18 years of age