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**U.S. Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA)**

**Research and Extension Experiences for Undergraduates (REEU)**

**Research and Extension Experience in Energy and the Environment across Agriculture Disciplines (RE2AD)**

**June 10, 2024 to August 8, 2024**

**Application Deadline: March 31, 2024**

**Highlights of the USDA RE2AD REEU:**

* Nine-week summer undergraduate research program
* $4,050 stipends plus travel allowance (round-trip to Kingsville and potential conference after the program)
* Free on-campus housing and meal allowance ($105/week) provided
* Extension experiences, Field Trips, Invited speakers from industries, and weekly seminars about various research disciplines, technical writing, presentation skills, graduate school preparation, etc.

More information can be found at:

<https://www.tamuk.edu/engineering/institutes-research/USDA-REEU/index.html>

or

<https://bit.ly/3nUQca0>

***Please Print or Type. Complete all items, if not applicable then please write ‘NA’ in the space.***

**Full Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mailing Address:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_

**Date of Birth: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Cell #**:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Email Address:\*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*Please note: You will be notified by email if selected. Please type or write legibly.**

Please check one:

\_\_\_\_I am a current student at TAMUK; K#: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Current Major \_\_\_\_\_\_\_\_\_\_Cumulative GPA\_\_\_\_\_\_\_\_\_\_\_

Are you a senior or junior student? Yes\_\_\_\_\_ No\_\_\_\_\_

\_\_\_\_I am a current student at another U.S. university/community college;

Current Major \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Cumulative GPA\_\_\_\_\_\_\_\_\_\_\_

Name of university/community college: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Are you a U.S. Citizen or permanent resident? Yes\_\_\_ No \_\_\_

If selected, will you commute \_\_\_\_\_\_\_\_\_\_, or stay in the dorm\_\_\_\_?

***Please provide the following demographic information as part of the application form.***

**Ethnicity:** □ Hispanic or Latino □ Not Hispanic or Latino

**Race: *(Choose one or more response)*** □ American Indian or Alaskan Native □ Asian

 □ Black or African American □ White

 □ Native Hawaiian or Other Pacific Islander

 □ Other (please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_

**Gender:** □ Male □ Female □ Other (please specify):\_\_\_\_\_\_\_\_\_\_\_\_\_

**Disability:** □ Hearing □ Visual □ Mobility/Orthopedic □ None

 □ Other (please specify): \_\_\_\_\_\_\_\_\_\_

**How did you find this REEU opportunity?**

□ From USDA website □ From TAMUK website □ From your friends or faculty

□ Others: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Educational Plans and Challenges**

Use the provided scale to indicate your level of agreement/disagreement with the statements.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Strongly Agree** | **Agree** | **Neither Agree or Disagree** | **Disagree** | **Strongly Disagree** |
| 1. **Participating in this research program would have an impact on whether or not I complete my degree.**
 | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ |
| 1. **I am committed to completing my bachelor’s degree.**
 | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ |
| 1. **Participating in this research program would have an impact on whether or not I attend a graduate school.**
 | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ |
| 1. **I am interested in attending graduate school.**
 | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ |
| 1. **This program may help determine whether to major or work in a science, technology, engineering, or math fields.**
 | ⭘ | ⭘ | ⭘ | ⭘ | ⭘ |

**On the next page, please rank your preferences for each project. Each project will host two student participants to work as a team. Please use 1 for the best and 5 for the least. Detailed project description of each project can be found at the RE2AD website.**

**Please Pay Attention to the List of Required Application Documents on the Next Page**

**Potential Research Projects in Summer 2023**

|  |  |
| --- | --- |
| **Potential Projects** | **Rank**  |
| 1. The Impact of COVID-19 Pandemic on Agriculture Product Supply Chain
 |  |
| 1. Feasibility Analysis of Developing Wind or Solar Energy Facilities in Farms and Ranches
 |  |
| 1. Chemical Impregnation of Crop-Derived Activated Carbon for Enhanced Removal of Air Pollutants from Gas Streams
 |  |
| 1. Analysis of Sediments and their Associated Contaminants from Agricultural Lands and Coastal Watersheds
 |  |
| 1. Agricultural Management and Natural Resource Conservation: Interface between Natural, Economic, and Social Systems
 |  |

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 **\_\_\_\_\_\_\_\_**

**Signature of Applicant Date**

***The completed application package must be emailed or postmarked by March 31, 2024.***

**To be qualified, you must:**

***1) be a US citizen or permanent resident,***

***2) have 3.0 or above GPA,***

***3) be enrolled in a degree program at a community college or four-year university through August 2024, and***

***4) submit the following materials before the application deadline:***

***a) your completed application form (this form),***

***b) a current unofficial transcript,***

***c) at least two recommendation letters (signed letters can be sent by your referrer directly to Dr. Hua Li via email or be sent by yourself together with other documents)***

***d) resume, and***

***e) a one-page research interest essay describing your qualification, previous research experiences (if any), and your interests in this program***

**EMAIL TO:** Hua.Li@tamuk.edu

**MAIL TO:** Dr. Hua Li, Mechanical and Industrial Engineering

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