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

**Promote sustainable Agriculture Concepts in Education through multidisciplinary Research and Pedagogical Trainings (PACE)**

**Texas A&M University-Kingsville (TAMUK)**

**Cohort #1: June 17-July 3, 2024 Cohort #2: July 10-July 26, 2024**

**Application Deadline: April 1, 2024**

**(Grades K-8 Teachers are Eligible to Apply)**

**Highlights of the PACE Program:**

* Two and half weeks of team-based research and professional development activities at TAMUK with guidance from faculty mentors and industrial advisors
* $2,500 stipend for the two and half weeks of summer program
* Develop curricular modules based on the research activities and training/workshop on curriculum development
* Field trips, seminars given by the invited speakers from industries, poster presentation, etc.
* Additional support to implement the curricular modules

**More information can be found at:**

|  |  |
| --- | --- |
| <https://www.tamuk.edu/engineering/institutes-research/USDA-PACE/index.html> or<https://shorturl.at/hmFV9>  |  |

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

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

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

**School:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **ISD**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Grade Teach**: \_\_\_\_\_\_\_\_\_\_\_

**Cell Phone #**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Email Address\*:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

**Are you a first-generation college graduate?** Yes\_\_\_ No \_\_\_

**If selected, which cohort will you be available to participate in?**

□ Cohort #1 (June 17-July 3, 2024) □ Cohort #2 (July 10-26, 2024) □ Either one is OK.

**How did you find out about this opportunity?**

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

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

***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): \_\_\_\_\_\_\_\_\_\_

**Potential Research Projects**

Each project will host two teacher participants to work as a team. Please rank your choice of research projects from the list below, using 1 for the best and 4 for the least. Detailed project descriptions can be found on the PACE website.

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| --- | --- |
| **Potential Projects** | **Rank**  |
| 1. Fundamental Understanding of Tearing and Fracture Behavior of Food Packaging Films
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| 1. Basics of Soil and Water Conservation for Agriculture and Ecosystems
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| 1. Design Elevated Solar Panel Systems for Different Types of Agricultural Lands
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| 1. Developing Decision Making Support Systems for Sustainable Agriculture Product Supply Chain
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**Signature of Applicant Date**

***All application packages must be completed and must be emailed, or faxed, or postmarked by April 1, 2024.***

**To be qualified, you must:**

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

***2) Be a Teacher in K-8 Grades, and***

***3) Submit the following materials before the application deadline:***

***a) Completed application form (this form),***

***b) Resume with detailed education and work experiences,***

***c) At least two recommendation letters including one letter from the principal/superintendent to verify the current job status (signed letters can be sent by the recommender directly to Dr. Mohammad Hossain via email or be sent by yourself together with other documents), and***

***d) One-page personal statement discussing the career goals and plans/experiences in promoting STEM, especially Agricultural and Food Science.***

**EMAIL TO (*Email submission is preferred)*:**

mohammad.hossain@tamuk.edu

**MAIL TO:**

Dr. Mohammad Motaher Hossain

Mechanical and Industrial Engineering

Texas A&M University-Kingsville, 700 University Blvd., MSC 191, Kingsville, TX  78363

**FAX TO:**

361-593-4026