



**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.

Potential Projects	Rank
1) Fundamental Understanding of Tearing and Fracture Behavior of Food Packaging Films	
2) Basics of Soil and Water Conservation for Agriculture and Ecosystems	
3) Design Elevated Solar Panel Systems for Different Types of Agricultural Lands	
4) 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:

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