E³ Teacher Summer Research Program
For Secondary Math, Science, and CTE Teachers in Texas
Texas A&M University - Dwight Look College of Engineering
Wednesday, June 17 – Wednesday, July 1, 2015

Sponsored by: ENGINEERING TEXAS A&M UNIVERSITY   TEES TEXAS A&M ENGINEERING EXPERIMENT STATION   NSF   NPI Nuclear Power Institute

In-Service Teacher Application

Part A: Applicant Information

*Name_____
(Last)   (First)   (M.)

*Are you a U.S. citizen or authorized to work in the U.S.? ☐ Yes ☐ No
(Selected participants will need to provide proof of citizenship; details will be given later if selected)

*Gender: ☐ Female ☐ Male
(If male between the ages of 18-25, are you registered with selective service? ☐ Yes ☐ No)

(If male over the age of 25, were you previously registered with selective service? ☐ Yes ☐ No)

*Have you participated in any NSF RET program before? ☐ Yes ☐ No

If Yes, indicate where: _____

*Contact Information:

Home Address_____ City_____

State_____ Zip_____ Cell (____)_____ Other (Work/home) (____)_____

Email (primary)_____ Email (secondary)_____

Part B: Education and Development

*List all college degrees earned or in progress (please begin with the most recent): See example below

Institution Name	Degree	Major/Minor Subject	Year Earned
Example: Texas A&M University	Example: Bachelors of Science	Example: Physics/Math	Example: 1997

*List any professional development activities and/or STEM-related activities in which you have participated:

1) _____

2) _____

3) _____

4) _____

Part C: School/District Information

*School Contact Information**:**

District Name_____ School Name_____

School Address_____

City_____ State_____ Zip_____ Phone (_____)_____

*Provide your current student campus (not district) demographics (percentages):

_____% White   _____% Black   _____% Hispanic   _____% American Indian   _____% Asian

*What percentage of your school's students are on the free and reduced lunch program? _____%

*If you were to compare your knowledge of engineering to other math/science/CTE teachers in your school, how would you rank your knowledge? (select one)

☐ Very knowledgeable   ☐ Somewhat knowledgeable   ☐ Not very knowledgeable

Part D: Experience

*What subject(s) are you certified to teach in Texas? _____

*What laboratory research experience have you had? _____

_____

*In what research program(s) have you participated? _____

_____

*How long was the research experience? _____ Area of research _____

*Teaching experience history (please begin with the **most current year**): See example below

Name of School campus	Name of School District (and state, if outside TX)	Academic Years Taught at that campus	Subject(s) Taught
Example: XYZ High School	Example: ABC School District	Example: 2009-current	Example: Algebra I, Geometry

Part E: Research Ranking

Below is a listing of the departments within the Dwight Look College of Engineering at Texas A&M University. From this listing, select and *rank your top 3 departmental areas of interest*. For descriptions of each department and an overview of the types of the research each department focuses on, please visit http://engineering.tamu.edu/academics/departments click on both the "Overview" link and "Research" link associated with each department.

_____ Aerospace Engineering

_____ Biological & Agricultural Engineering

_____ Biomedical Engineering

_____ Chemical Engineering

_____ Civil Engineering

_____ Computer Science & Engineering

_____ Electrical & Computer Engineering

_____ Engineering Technology & Industrial Distribution

_____ Industrial and Systems Engineering

_____ Materials Science & Engineering

_____ Mechanical Engineering

_____ Nuclear Engineering

_____ Petroleum Engineering

Part F: Essay

Due to the competition for limited number of positions available, this essay is underlined heavily weighted and is an essential portion of our evaluation of you. Prepare a minimum one-page (maximum two-page) essay which discusses each of the following topics:

- Why do you want to participate in this program?
- What do you hope to gain?
- Describe professional leadership roles you have held.
- How would you expect to take this experience back to your: School District? Campus? Faculty? Students? Regional STEM conferences?
- Specific examples are useful.

Part G: Reference

Provide a completed reference form from your department head or your campus principal/assistant principal. The form can be accessed on the E3 website at http://essap.tamu.edu/e3/app-teacher.htm.

Part H: School Principal Certification

*This section is to be completed by the school principal of the applicant

I _____hereby certify that _____
          (Principal Name)   (Applicant Name)

is a Texas secondary math, science, or CTE teacher in the _____School District.
                                                          (District Name)

*Principal Signature:_____   **Date:**_____

Part I: Applicant Certification

I _____hereby certify that the information provided on pages 1-4 in the above
          (Applicant Name)

application is correct to the best of my knowledge:

*Applicant Signature:_____   **Date:**_____

To be considered for this program, your completed application package should be submitted by April 1, 2015 and include:

- Complete application with signatures from:
    - Principal
    - Applicant
- Your essay (one-page minimum / two-page maximum)
- Reference form from your department head or campus principal
    - Reference form should be submitted directly by your principal/department head to the E3 program (details provided on the form)
- Submit application and essay via fax, email, or U.S. postal mail:

E3 Teacher Summer Research Program   Phone: 979.458.9794
ATTN: Katharine Leysath   Fax: 979.847.8654
3127 TAMU   Email: kleysath@tamu.edu
College Station, TX 77843-3127   Website: http://e3.tamu.edu

Selection Notification:

Application deadline: **April 1, 2015**
First-round notification: **April 8, 2015**
Lesson Plan deadline: **April 15, 2015**
Final selection notification: **April 24, 2015**

Application Review: The E3 administrators will conduct a preliminary review of the applications during the first week of April 2015. At that time, they will review and rank applications. The higher-ranked applicants will be asked to submit one of their current (or previous) lesson plans that illustrate a non-lecture-style lesson. Examples could include a lesson that was interactive, hands-on, cooperative, inquiry-based, team-oriented project, or the like. Guidelines for the lesson plan submission will be provided at that time. These ranked applicants will be notified by April 8, 2015 and will be required to submit their sample lesson plan by April 15, 2015. Final program participants will be notified by April 24, 2015.