Summer Research Experience for Teachers (RET)

The Engineering Research Center (ERC) for Extreme Ultraviolet (EUV) Science and Technology (http://euverc.colostate.edu/) is soliciting applications for its annual summer Research Experience for Teachers (RET) program.

Participants accepted to the program will

- Perform research with faculty and graduate students on cutting-edge laser and optical science and engineering projects using state-of-the-art equipment.
- Take part in light and optics workshops designed to develop hands-on, inquiry-based curriculum for students
- Receive equipment and supplies needed for the curriculum each teacher develops
- Participate in other education workshops designed to enhance teaching
- Be enraptured by lectures & demonstrations from University Professors & Graduate students in EUV science, engineering & technology
- Receive 3 graduate credits, a stipend ($6000.00), travel & housing allowance (if applicable)

Length of Appointment
The RET program will take place over six weeks in the summer: June 20th – July 29th, 2016.

Eligibility
The RET program is designed for science, engineering & technology teachers and pre-service teachers. A good understanding of high school physics is desirable. Participants must be U.S citizens (an NSF requirement).

Location
The research projects and optics workshops will be conducted at the EUV Center’s three campuses (UC Berkeley, CU Boulder and CSU Fort Collins).

Application information on next page
A complete application for the EUV Center RET program consists of:

- Participant Information Form
- Resume
- Statement of Purpose (guidelines below)
- Letter of Recommendation

Statement of Purpose:
Describe (1-2 typed pages) your interest in the EUV Center RET program.
1. A general statement addressing why you wish to participate in the program, what you hope to gain, and how you envision this research experience will help you with your teaching.
2. Specific examples of
   - How you might translate your research experience to new classroom contents
   - Any relevant research experience you have had in an academic or work setting
   - How you might be able to contribute to the program and its participants

Participant Information Form:

Name __________________________________________________________

Street Address __________________________________________________

City_________________________ State________ Zip____________________

Phone Number________________________ E-mail_____________________

U.S. Citizen______ Permanent Resident______ Not U.S. citizen______

NSF Diversity Reporting Information
The National Science Foundation requests such information simply to determine the diversity of people our program is attracting. It is strictly confidential and used only in aggregate form.

Gender/Identity F_____ M_____ Other_____ Are you disabled? Yes_____ No____

Ethnicity: Hispanic or Latino_____ Non-Hispanic or Non-Latino____

Race: Caucasian_____ African American_____ Asian_____ 

Native American_____ Pacific Islander_____ Other (please specify)____________

I do not wish to provide this information______

I hereby certify to the best of my knowledge that the information furnished on this application is true and complete without evasion or misrepresentation. I understand that if found to be otherwise, it is sufficient cause for rejection or dismissal.

Signed (Applicant) ______________________ Date______________________

Please e-mail or send your application form (Due 4/15/2016) to:
Dr. Michael De Miranda
Colorado State University - 1320 Campus Delivery
NSF ERC for Extreme Ultraviolet Science & Technology
Fort Collins, CO 80523