APPLICATIONS NOW AVAILABLE ONLINE

COSMOS TEACHER FELLOWSHIP

UCSD COSMOS | COSMOS.UCSD.EDU
SUMMER OPPORTUNITY FOR HIGH SCHOOL TEACHERS IN MATH, SCIENCE, OR TECHNOLOGY

APPLICATION PERIOD: OCT 15, 2018 - DECEMBER 17, 2018

COSMOS TEACHER FELLOWSHIP

The California State Summer School for Mathematics and Science (COSMOS) at UC San Diego is seeking motivated and innovative high school teachers to help encourage talented high school students to foster their interest in research and pursue careers in engineering, mathematics, technology and the sciences.

As part of the instructional team the Teacher Fellow will:

- Serve as a pedagogical bridge between high school student learning & University Faculty teaching.
- Consult with Faculty, research scientists, and graduate students on course design.
- Directly participate in all classroom, laboratory and field trips.
- Collaborate with other Teacher Fellows to design customized Science Communication curriculum.
- Assist students in the development of their team research project presentations.
- Form relationships with University researchers and scientists.
- Learn about current field research from distinguished guest speakers.
- Access to state-of-the-art classrooms and laboratories.

REQUIREMENTS

- CURRENT HIGH SCHOOL STEM TEACHER
- FULL FOUR-WEEK PARTICIPATION
- BE MOTIVATED & INNOVATIVE
- BACKGROUND CHECK
- ATTEND STAFF ORIENTATION, EARLY JUNE, TBD
- ATTEND UPDATE MTG ON FRIDAY, JULY 5TH (TENTATIVE)

OVERVIEW

- PROGRAM DATES: JULY 7TH - AUGUST 3RD
- STIPEND OF $6000
- ENCOURAGE TALENTED HIGH SCHOOL STUDENTS
- CONSULT WITH FACULTY & RESEARCH SCIENTISTS
- OVERSEE ONE ACADEMIC CLUSTER
- USE UCSD RESEARCH FACILITIES & EQUIPMENT
- LUNCH PROVIDED

UCSD COSMOS CLUSTERS

Computers in Everyday Life
Engineering Design & Control of Kinetic Sculptures
Living Oceans & Global Climate Change
When Disaster Strikes: Earthquake Engineering
From Lasers to LCDs: Light at Work

Biodiesel from Renewable Resources
Synthetic Biology
Tissue Engineering and Regenerative Medicine
Music & Technology
Robot Inventors

** Clusters are subject to change **

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