COSMOS TEACHER FELLOWSHIP

PROGRAM DATES:
JULY 7TH - AUGUST 2ND, 2024

APPS DUE:
JANUARY 16TH @5PM
APPLY HERE!

858 - 822 - 4361
COSMOS@UCSD.EDU
JACOBSSCHOOL.UCSD.EDU/COSMOS/
PROGRAM DATES

JULY 7TH - AUGUST 2ND, 2024

OVERVIEW

STIPEND OF $6500
ENCOURAGE TALENTED HIGH SCHOOL STUDENTS
CONSULT WITH FACULTY & RESEARCH SCIENTISTS
OVERSEE ONE ACADEMIC CLUSTER
USE OF UCSD RESEARCH FACILITIES & EQUIPMENT
LUNCH PROVIDED

REQUIREMENTS

CURRENT HIGH SCHOOL STEM TEACHER
FULL FOUR-WEEK PARTICIPATION
BE MOTIVATED & INNOVATIVE
BACKGROUND CHECK
ATTEND STAFF ORIENTATION
ATTEND UPDATE MTG

UCSD COSMOS CLUSTERS

COMPUTERS IN EVERYDAY LIFE
ENGINEERING DESIGN & CONTROL OF KINETIC SCULPTURES
LIVING OCEANS & GLOBAL CLIMATE CHANGE
STRUCTURAL ENGINEERING: BUILDING BETTER
PHOTONICS: LIGHT-BASED TECHNOLOGIES IN EVERYDAY LIFE
BIO DIESEL FROM RENEWABLE RESOURCES
H4O: HACKING FOR OCEANS
TISSUE ENGINEERING AND REGENERATIVE MEDICINE
MUSIC & TECHNOLOGY
ROBOT INVENTORS
INTRODUCTION TO AUTONOMOUS VEHICLES
MACHINE LEARNING: CAN WE TEACH A COMPUTER TO THINK?
VIDEO GAME PROGRAMMING AND GAME AI DESIGN

** CLUSTERS ARE SUBJECT TO CHANGE**