



COSMOS

TEACHER FELLOWSHIP

MONDAY - FRIDAY

8AM - 4:30PM

UC SAN DIEGO
MAIN CAMPUS

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

***APPS DUE:
FIRST REVIEW DATE NOV 24TH
APPLY HERE!***

[HTTPS://APOL-RECRUIT.UCSD.EDU/JPF03830/APPLY](https://apol-recruit.ucsd.edu/jpf03830/apply)



858 - 822 - 4361



[COSMOS@UCSD.EDU](mailto:cosmos@ucsd.edu)



[JACOBSSCHOOL.UCSD.EDU/COSMOS/](https://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
BIODIESEL 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****

