

California Northstate University

# SUMMER SCIENCE Camp

— Exploring the Wonders of Microbiology and Biotechnology —

For Grades 6th–12th

June 24th–28th

9:00 AM – 4:00 PM

2910 Prospect Park Drive  
Rancho Cordova 95670



Application

## Microbiology- Discovering the World Around Us

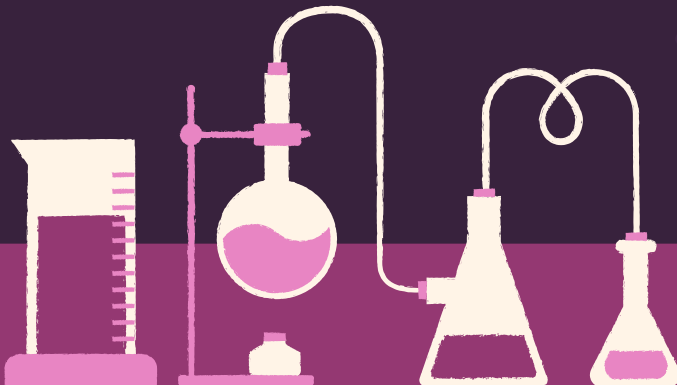
**AM Session: 9:00am-12:00pm**

Examine the incredible world of microbiology by exploring the abundance and diversity of microorganisms found all around us. Participants will learn to use standard microbiology laboratory techniques to identify and characterize a variety of microorganisms.

## Get Bright with Biotech: The Biology of Fluorescence

**PM Session: 1:00pm-4:00pm**

Learn about the exciting field of biotechnology through hands on laboratory experiences! Students will engage in lab techniques commonly used in academic and industry labs while exploring applications in biomedical and agricultural fields! These activities include: CRISPR-Cas9 gene editing, Disease diagnosis, DNA transformation (we will make bacteria glow!) and identifying GMO's in food using PCR!



Email [CHS.sciences@cnsu.edu](mailto:CHS.sciences@cnsu.edu) for more information