

SUMMER SCIENCE PROGRAM

WHEN

June 25– June 29, 2018

WHERE

CALIFORNIA NORTHSTATE UNIVERSITY
2910 Prospect Park Drive
Rancho Cordova, CA 95670

FEATURING 4 PROGRAMS FOR HIGH SCHOOL STUDENTS:

- ◆ Get Bright with Biotech: The Biology of Fluorescence
- ◆ The Laboratory Science of Forensics
- ◆ Psychology – Healthy Forensics, or Forensically Healthy?
- ◆ Microbiology- Discovering the Invisible World around Us



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REGISTRATION

Register online:

www.cnsu.edu

Deadline to Register : June 18, 2018

COST

Students may enroll in a week long half-day session for \$250.00 or full-day including 2 sessions for \$475.00

CONTACT INFO

If you have any questions or need more information please contact:

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WWW.CNSU.EDU



SUMMER SCIENCE PROGRAM

The Laboratory Science of Forensics

Lead Faculty: Dr. Heather M. Brown and Dave Menshew (Enochs High Forensic Biotech Program)

June 25th-29th, 2018 from 8:30am-12:30pm

Join team CSI-CNU in an interactive laboratory experience that will allow you to immerse yourself in the challenges and complexities of crime scene investigation. You will work as a team to solve the mystery of a realistic crime scene. As a CSI-CNU team member, you will gather evidence, study the clues, analyze the data and, maybe, solve the crime.

Appropriate for middle and high school students!

Microbiology- Discovering the World Around Us

Lead Faculty: Dr. Damon Meyer

June 25th-29th, 2018 from 8:30am-12:30pm

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.

Appropriate for middle and high school students!

Get Bright with Biotech: The Biology of Fluorescence

Lead Faculty: Dr. Heather M. Brown

June 25th-29th, 2018 from 1:00pm-5:00pm

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: Disease diagnosis, DNA transformation (we will use a gene from a jelly fish, to make bacteria glow) and testing food for genetic modification using polymerase chain reaction (PCR)! Several college student interns will also be present to discuss their college experiences and careers in the health sciences.

Appropriate for middle and high school students!

Psychology– Healthy Forensics, or Forensically Healthy?

Lead Faculty: Dr. Cassandra Perryman

June 25th-29th, 2018 from 1:00pm-5:00pm

Two of the fastest growing fields in psychology are health and forensics. How both fields are presented in the media, though, are not entirely accurate. What do these two branches of psychology study? Is the work at least as interesting as on TV? Students will spend their week working with experts in the field of psychology to explore what it means to be a health psychologist and a forensic psychologist. Participants will engage in an exciting series of case studies and in-depth evaluations of fictional clients on their journey toward understanding the exciting intersection of health, forensics, and psychology. Cases will cover a range of mental, physical, criminal, and legal issues.

Appropriate for high school students!



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