

Health Science & Biotechnology

**STEM Centered
We "Do" Science**

We now offer a STEM certificate!
HSB classes and activities satisfy certificate requirements

Contact Us:

Mr. Mark Mantoani
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What do you want to learn ?

How do you want to learn?

HSB Faculty

Year I

Investigations in Science

Mr. Mark Mantoani

Year II

Sports Medicine, Anatomy & Physiology & Nutrition

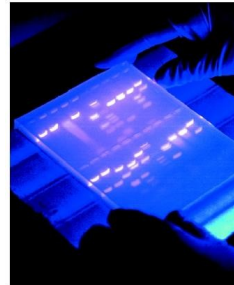
Mr. Dante De Paola

Year III

Advanced Investigations & Career Placements

Ms. Judy Barcelon

Each year SSU genetics students design a customized lab experience for our genetics unit at Piner. We have had units based on crime solving/forensics and exploring and testing genetically modified foods (GMO's).



HOSA is a student leadership opportunity for health minded students. Our Piner Chapter volunteers for health related community projects like iWalk, health screening events and the food bank. HOSA promotes health on the Piner campus, with lunch seminars, health fairs and awareness events. HOSA also prepares lessons for elementary students and annually prepares for competition at a 3-day conference for health topics.



We Get Out Into The Real World

(past, present & future trips)

- SSU Genetics Lab
- Memorial Hospital
- Sonoma County Public Health Lab
- PetCare
- Medtronic
- UC Berkeley/SRJC Sports Medicine
- UC Davis Biotechnology
- Cal State Sacramento Nursing
- SFSU Physical Therapy
- Buck Institute

Three years of great science experiments, career exploration, field trips, and internships.

Year 1 Highlights

- DNA/Molecular Techniques
- Microbiology
- Human Health/Occupations
- Environmental Science

Year 2 Highlights

- Sports Medicine Techniques
- Anatomy & Physiology
- Dissections
- Nutrition/Diet Analysis

Year 3 Highlights

- ELISA/Pregnancy Testing
- UTI
- HIV/Disease Pathology
- Plasmid Transformations
- Senior Seminar on Career Internships

Pathway Highlights

- First Aid & CPR Training
- SRJC Articulation Credit for Medical Terminology HLC 160
- Health Science Career Exploration/Internships
- Health/Science/Biotech College Exploration
- HC 21 Online Computer Instruction
- Special Graduation Stole
- Specialized Guest Speakers for all three years