

Facilities & Equipment



Academics Virtual Platforms:

A Virtual reality healthcare platform where students can experience clinical environments relevant to their future and receive extensive medical terminology, communication, and teamwork training.



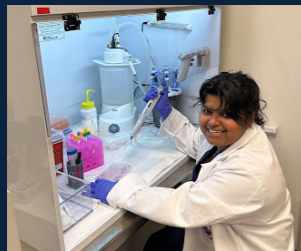
Prostheses Center-Caring:

High-end scanners & 3D printers to engineer & produce prosthetic arms, legs, hands, and feet. Students will be trained in the technical skills of creating prostheses & consult with experts.



Anatomage Table:

Provides opportunities for our students to visualize human anatomy with the highest level of accuracy. This technology will transform how kinesiology is taught and how students learn anatomy/physiology.



Biomedical Research:

Students will work with induced stem cells & cancer cells; using this knowledge, students can propose ways to inhibit growth and test their hypothesis in our tissue culture lab.

Our Mission

The medical field continues to be one of the fastest-growing industries in the 21st century. Our Center for Medical Innovation provides a Medical Careers Pathway program for students interested in pursuing careers in the health sciences. The mission of the Center is to prepare students with the academic, social, and professional skills needed to be college and career-ready in a medical field of their choosing by exposing students to numerous aspects of healthcare careers.



Meet the Center Director **Elizabeth Parga**

Ms. Parga is an adjunct professor at Pasadena City College and has taught at La Salle since 2017. With a Master's Degree in Chemistry and a Bachelor's in Biology, Ms. Parga has worked in stem cell and cancer research at the City of Hope and Charles Drew School of Medicine. She is a published cancer research scientist.



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CARLOW
CENTER FOR
Medical
INNOVATION



Students Will...

- Learn about diverse health career opportunities in the medical field
- Gain realistic expectations for the future.
- Have the knowledge to attain medical career goals
- Learn the skills to be successful in healthcare.
- Have the opportunity to ask industry professionals career questions during guest lectures.

Skills & Virtual Reality Labs:

- CPR/AED First Aid
- Splinting Broken Bones
- Gathering Patient
- Managing Spinal Injuries
- Medical History
- Mass Casualty & Triage Suturing
- Vital Signs
- Intubation
- Emergency Management
- 3D Prosthesis Modeling & Printing

Coursework & Skills

The Medical Careers Pathway Program incorporates college credit dual enrollment academic courses through Pasadena City College focused on health sciences and skills labs. In addition to our hands-on labs, we offer students virtual reality scenarios. Participating in our program will provide students with the resources to obtain many leadership opportunities, including community networking, career counseling, job shadowing, student research, and community service. Upon completing the Medical Careers Pathway Program requirements, students will earn a certificate of completion. Students can also do a capstone project to make them a cord to wear during graduation.

Pasadena City College Dual Enrollment Courses:

- Introduction to Health Sciences
- Medical Terminology
- Human Diseases
- Pharmacology for Medical Assistants
- Basic Human Anatomy & Physiology

Additional Opportunities

- Volunteering at Hospitals & Research Labs
- Mentorships in Medicine & Research
- Internships in Clinical & Research Medicine

Certificate of Completion

Two Pasadena City College Dual Enrollment classes or the 1-year equivalent of Edgenuity courses and completing all skills requirements and 50 hours of volunteer work, and internship/mentorship hours.

Please note that Edgenuity courses are an additional fee, and enrollment is through the Lasalle Administration. Signed documentation by the supervisor is required for credit.

Cord at Graduation

Completion of Capstone Project:

- Project submission to the Los Angeles County Science and Engineering Fair
- Summer Research Internship
- Edgenuity Nursing Assistant or Pharmacy Technician Certificate (additional cost)

