The Institute of Engineering in Medicine

- Facilitates the integration of engineering principles and novel technologies with biomedical and translational research.
- Works with departments to create programs in which student scientists can apply engineering and technology to healthcare.
- Comprises fifteen Centers and over 200 faculty from UCSD’s Schools of Medicine, Skaggs School of Pharmacy & Pharmaceutical Sciences, and Jacobs School of Engineering.
In 2023, we welcomed 113 interns from 40 different High Schools, from widely diverse cultural and socioeconomic backgrounds. We promote an inclusive and well-balanced environment, with over 50% of our interns being female.

The interns’ diverse backgrounds included 3 out-of-state participants, 20 from counties outside of San Diego, 1 international student, truly showcasing a global reach.

The program covered a wide spectrum of 23 college-level ongoing projects, ranging from glaucoma research, Alzheimer's disease, Huntington's disease, heart disease, Laser induced shockwave and laser ablation, machine learning, and more.

Interns invested over 20 hours a week, some going above and beyond, to meticulously complete their research and analyses, submitted 15 abstracts to 2023 BMES High School Poster Competition.

This experience not only led to the attainment of over 200 MATLAB Certificates but also nurtured essential skills such as effective note taking, collaborative teamwork, adept troubleshooting, efficient time-management, and valuable networking.
40+ Speakers!

- Physicians
- Immunotherapists
- Biochemistry
- Defense Specialists
- Programmers
- Plus many more!

20+ Lab visits

Including:

- Salk Institute
- UCI Laser Institute
- Jannsen
I really enjoyed this program and I feel that the freedom to sort of self-pace and leaving interns to take leadership in group activities instead of having a mentor take charge were both large aspects of that.

I loved every aspect of this program, so thanks so much to Dr. Linda, Tom, and all of the mentors for making this happen! :)}