The Life Sciences Summer Institute (LSSI) connects upper-level high school, university and community college students as well as high school teachers, with leading San Diego life sciences companies through three programs – student internships, teacher externships and an introductory course.

The San Diego Workforce Partnership (SDWP), in collaboration with BIOCOM and the Southern California Biotechnology Center at Miramar College, created LSSI in 2005 to strengthen science and math education in San Diego County and to help develop a future workforce for our growing life sciences industry.

Visit the Miramar Amgen Teacher Support Center (MATSC.org) for more Information.

FOR STUDENTS
LSSI connects high school students with paid internships at local research institutions.

- Applicants are San Diego County high school students at least 16 years of age
- Program runs from June - August
- Includes one-week, pre-internship “boot camp” of hands-on research experience held at Grossmont and Miramar colleges
- Opportunity to earn college prep credit from the University of California San Diego (UCSD) Extension

FOR TEACHERS
LSSI provides a 12-day professional development program for science teachers, exposing them to a new biotechnology lab curriculum called the Amgen Biotech Experience. Designed by Amgen scientists and educators, the Amgen Biotech Experience offers a solution to prepare more students with the STEM competencies necessary for careers in the modern workforce.

Half-day externships provide teachers with access to San Diego biotechnology companies. At the end of the course, teachers are provided access to equipment and supplies necessary to implement the new curriculum in their classroom.

- Partnership between SDWP (staffing and administration) and the Southern California Biotechnology Center at Miramar College (training and access to a full suite of transportable, research-grade equipment to run labs that incorporate core technologies used by the biotech industry in the discovery of human therapeutics)
- 12-day program, including half-day externships with a life sciences company
- 180+ science teachers across San Diego, Riverside, and Orange counties have completed the program