

# Summer Enrichment Opportunities for High School Students

## Academic Connections at the University of California – San Diego

This three week program helps prepare high-achieving high-school students for success by allowing them to experience college-level academics. Students are able to immerse themselves in study of a particular academic subject taught by graduate students and/or renowned faculty researchers within the field of study.

The program is specific to college-bound high school students, so students must be in high school, grades 9-12, and have a minimum cumulative GPA of 3.3 or above.

Learn more about [Academic Connections at the University of California – San Diego](http://academicconnections.ucsd.edu/) :  
<http://academicconnections.ucsd.edu/>

## California State Summer School for Mathematics and Science (COSMOS)

California State Summer School for Mathematics and Science (COSMOS) is a four-week summer residential program that gives high school students who have demonstrated skills within STEM subjects (science, technology, mathematics and engineering) opportunities to explore beyond their usual high school curriculum.

Students are able to work on advanced topics with renowned faculty members, scientists and researchers as well as experience state-of-the-art lab environments and facilities.

Participants will also have the opportunity to take university-level courses and gain an awareness of both educational and career options within the STEM fields.

The students attending the program live in campus housing with other program participants. Full and partial scholarships are available.

Learn more about [California State Summer School for Mathematics and Science](http://www.ucop.edu/cosmos/): [www.ucop.edu/cosmos/](http://www.ucop.edu/cosmos/)

## Carnegie Mellon University – Summer Programs for Diversity

Carnegie Mellon's Pre-College programs allow students to explore college life both in the classroom and outside to see what's going on outside of campus.

Students are able to mingle with people from all over the world and participate in exciting summer activities that include architecture, art, design, drama, music and even advanced placement and early admission.

The best part? There are no tuition housing or dining fees for students who are selected to attend the Summer Programs for Diversity!

Learn more about the [Carnegie Mellon University – Summer Programs for Diversity](http://admission.enrollment.cmu.edu/pages/summer-programs-for-diversity):  
<http://admission.enrollment.cmu.edu/pages/summer-programs-for-diversity>

## **Harvard's Pre-College Program & Secondary School Program (SSP)**

If you're wondering what college is like, Harvard offers college programs just for high school students who are curious. Harvard's high school programs allow you to take real courses along with college students and actually earn college credit. You'll be able to learn about subjects they don't teach within your high school curriculum, study with Harvard faculty, have use of Harvard labs and other state-of-the-art libraries and equipment.

While you're there, you'll meet other students from around the world, attend college prep events and participate in fun and exciting activities. The program is open to high school students who meet the application and admission criteria (see the web site for details; linked below).

Financial aid is available for qualifying students.

Learn more about [Harvard's High School Programs](#).

## **Smith College Precollege Summer Programs**

Smith College Precollege Summer programs offer intellectually stimulating and unique opportunities for high school girls and international students who wish to pursue their academic interests in the classroom and beyond.

Each summer, Smith welcomes young women from many nationalities and diverse racial and socio-economic backgrounds that together form an extraordinary intellectual community. The learning environment is hands-on, collaborative, exploratory, challenging and rich in role models.

Professors who are excellent scholars offer personal attention in the classroom while encouraging students' interests and passions, helping them to develop their academic skills.

Programs include Science and Engineering; Young Women's Writing Workshop; Discovering Women's History; Field Studies for Sustainable Futures and a College Admission Workshop.

Smith College is a place where young women are taken seriously and inspired to excel—as scholars, scientists and leaders.

Learn more about the [Smith College Precollege Summer Programs](#).

## **Telluride Association Summer Programs (TASP)**

TASP is a six-week educational experience for high school juniors. Students participate in seminars led by college and university members and participate in educational and social activities outside the classroom.

Telluride Association seeks students from all kinds of educational backgrounds who share a passion for learning. Students who attend want both a personal and intellectual challenge. The programs offer no grades or college credit.

Telluride Association Summer Programs are completely free; every student awarded a place in a TASP attends the program on a full housing, dining and tuition scholarship.

Learn more about the [Telluride Association Summer Programs \(TASP\)](#).

## **University of Chicago – The Young Scholars Summer Program (YSP)**

The University of Chicago's Department of Mathematics offers an enrichment program, entitled the Young Scholars Program, which focuses on the subject of mathematics.

The Summer Program is a free four-week day camp; mainly for Chicago Public School students (select suburban and private school students are admitted) from 7th to 12th grade.

Students attend daily seminars given by University professors and solve mathematics problems based on these seminars. Topics include number theory, theory of field extensions, geometry and probability. Students also learn computer skills.

Tuition is free for those accepted.

Learn more about the [University of Chicago – The Young Scholars Program](#).

## **UCLA S.M.A.R.T.S.**

The Science Mathematics Achievement and Research Training for Students (SMARTS) program is a six-week engineering college preparatory program sponsored by the UCLA HSSEAS Center for Excellence in Engineering and Diversity (CEED). Its purpose is to increase the number of high school students in urban areas who are interested in careers in science, technology, engineering, and math (STEM) based fields. The target grades are current 10th and 11th. See website for further details.

<http://www.ceed.ucla.edu/k-12/>

## **UCLA Summer Sessions and UCLA Extension**

UCLA Summer Sessions and Special Programs offers summer programs to motivated high school students who would like to get a jump start on their college career and gain enrichment in a variety of interesting and challenging subjects. You can also enroll in UCLA Extension courses designed for college-bound students. These intensive academic courses can provide high school credit, with prior agreement from your school counselor. You can also take regular UCLA Extension [degree-credit courses](#), available evenings and weekends. [www.summer.ucla.edu](http://www.summer.ucla.edu) [www.uclaextension.edu](http://www.uclaextension.edu)

## **Stanford University Mathematics Camp**

Goals: To bring mathematically talented and motivated high-school students from across the United States, and from around the world, to Stanford University for four weeks of serious mathematical pursuits. To provide access for these students to advanced topics in mathematics, in a way that is fun and interesting. To lead these students through topics that are of great significance in the historical development of mathematics, that are important to current lines of mathematical research, and that have applications in the sciences. To provide a friendly social environment for interaction between SUMaC participants and Stanford Mathematics Department, faculty, and students. The target grades are current 10th and 11th. See website for more details. <https://sumac.stanford.edu/>

## **Chicano/Latino Youth Leadership Project**

Sacramento Leadership Program This free conference was organized in 1982 with the primary purpose of preparing students to participate in California's economic, social and political development. CLYLP is guided by the overall theme "Future Leaders," and the leadership training emphasizes the importance of culture,

community, college and careers. To date more than 2,000 students have gone through the program. Since its inception, the CLYLP has held a weeklong, intensive leadership training conference for high school sophomores and juniors from California. There are three main components of the conference: guest lectures about California's public policy process, meeting with Latino legislators and role playing public policy development. [www.clylp.com](http://www.clylp.com)

### **California Youth think Tank (CYTT) Summer Residential Program at USC**

Students reside in a dormitory housing facility on the campus of the University of Southern California during this intensive week-long training program. Students attend daily training sessions taught by a dedicated staff of educators and college mentors who guide and evaluate their progress during each phase of training. They participate with other dynamic youth leaders in a variety of challenging activities designed to bolster their leadership, communication, and critical thinking skills. Residence Program Cost: \$700 – Fee includes: USC campus housing, 3 daily buffet meals, leadership/skill training, all educational materials, supplies, use of campus facilities, field trip transportation, trophies and awards, Student Evaluation Report, and letters of recommendation for college admission and scholarships. See site for further details. <http://www.theyoungcenter.com/CYTT.html>

### **Concurrent Enrollment at nearest Community College**

Concurrent Enrollment provides high school students the opportunity to take college/university level classes. Classes taken at community colleges cost significantly lower than those at a four-year institution. Such college-level courses help high school students become competitively eligible in the university admission process. Students and parents should contact the college center at their high school to learn about the concurrent enrollment policy at school.

### **Cal Poly Pomona R.I.S.E (Residential Intensive Summer Education)**

RISE's mission is to represent the University's investment and commitment to graduating its students prepared for graduate and professional schools or the workforce. The RISE program strives to increase University access for underrepresented students. The program's main goals are to build a sense of community within the campus to increase enrollment and graduation rates

Website: <http://www.cpp.edu/~cprrise/index.html>

July 17<sup>th</sup>-20<sup>th</sup>

Application Deadline: **May 24<sup>th</sup>**

### **Kaiser Permanente Youth Summer Employment Program**

Kaiser Permanente's Summer Youth Employment Program provides underserved or at-risk high school students with supportive and meaningful employment experiences in the health care field. Also known as L.A.U.N.C.H. (Learn About Unlimited New Careers in Healthcare), participants attend educational sessions and motivational workshops that introduce them to the possibilities of pursuing a career in health care. Many former program participants are now employed at Kaiser Permanente as nurses, department administrators, lab technicians, opticians and engineers.

Website: <http://community.kp.org/be-informed/program/summer-youth-employment-program>

Contact & eligibility: [https://epf.kp.org/wps/portal/hrpublic/home/syep\\_scal\\_ncal](https://epf.kp.org/wps/portal/hrpublic/home/syep_scal_ncal)

## **UCLA Riordan Scholars**

The Riordan Scholars Program targets incoming 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students who are college-bound and interested in developing the necessary leadership skills to succeed in college and business. The deadline to submit all application materials is Friday, April 7, 2017. The 2016 - 2017 Riordan Scholars Program is scheduled to begin in September (2016) and end in May (2017).

Website: <http://www.anderson.ucla.edu/programs-and-outreach/riordan-programs/riordan-scholars/how-to-apply>

## **Pomona College Academy (PAYS)**

The Pomona College Academy for Youth Success (PAYS) enrolls up to 90 local high school students and seeks to support them in preparing for admission to selective and highly selective colleges and universities. PAYS participants engage in a thought-provoking combination of courses, cultural events, workshops, projects and field trips during the intensive 4-week, residential program as well as throughout the academic year. PAYS serves rising sophomores through rising seniors from groups traditionally underrepresented in higher education—students who are first in their family to attend college; from low income families; and are African American, Latino, Native American, Pacific Islander, and/or part of other underrepresented racial or ethnic groups.

- Application Opens: Monday, December 21, 2015
- Application Deadline: Friday, February 19, 2016 (complete application and supporting documents must be postmarked by this date)

Website: <https://www.pomona.edu/administration/draper-center/pays>

## **Girls Who Code**

Girls who code is a non profit organizations dedicated to closing the gender gap in technology. Girls who Code was founded with a single mission: to close the gender gap in technology.

Website: <https://girlswhocode.com/summer-immersion-programs/>

## **UCLA HS Summer Research Program**

The UCLA Henry Samueli School of Engineering and Applied Science (HSSEAS) in conjunction with the Engineering Science Corps Outreach Program offers an eight-week summer program where it encourages all of its high school participants to consider a future in engineering. We offer research opportunities in all areas of Engineering and partner our students with a UCLA Engineering Professor and a graduate team (daily lab supervisors). Students conduct their research on the UCLA campus in UCLA Engineering Labs and Facilities. Individual research or a group project will be assigned to the students for the eight-week program.

**The 2017 HSSRP application will open December 2016**

Website <http://esc.seas.ucla.edu/high-school-summer-research-program/>

## **UCLA Summer HS Tech Camp**

This 4 week summer day-camp exposes rising sophomores and juniors to the creative nature of engineering through project-based activities and team challenges. Campers will experience working in HSSEAS' state of the art Creativity Center along-side hand selected UCLA engineering student mentors under the direction of UCLA faculty and program staff.

Take your understanding of engineering to a new level at Tech Camp. Ignite your drive to explore and innovate through hands-on building projects. Learn about the many opportunities and pathways at the UCLA Henry Samueli School of Engineering and Applied Science. Get a taste of UCLA college-life as a participant in Tech Camp.

**Webstie:** <http://esc.seas.ucla.edu/tech-camp/>

## **Scripps College Academy**

Scripps College Academy (SCA) Scholars is an intensive, multi-year, pre-college program for high- achieving young women with limited resources who seek to become the first generation in their families to attend college. Through a rigorous summer residential experience followed by monthly programming throughout high school, SCA Scholars develop the confidence and skills to be well-prepared college applicants, successful college students, and professionals who create positive, lasting change.

Women's College

**Application opens in January**

**10<sup>th</sup> grad applicants**

Website: <http://www.scrippscollege.edu/academy/apply>

## **South Central Scholars**

South Central Scholars provides financial and academic support, and mentorship and career development guidance to talented and motivated students who may otherwise be misinformed or unsure of their career prospects. We are unique among organizations doing similar work by being a comprehensive college access and college success organization. We provide hands-on guidance and support to ensure acceptance to elite colleges, college scholarships all four years of college, and an academic summer program in partnership with USC to prepare students in college writing, calculus, and critical thinking. We provide ongoing counseling, mentoring, and career development support throughout college. The pillars of our program are college counseling, Summer Academy, financial scholarships, career counseling, mentorships, internships, and job assistance, forming a comprehensive approach to academic achievement and career development every step of the way.

<http://southcentralscholars.org/>

## **MIT: MITES**

Minority Introduction to Engineering and Science (MITES) is a rigorous six-week residential academic enrichment program for promising high school seniors – many of whom come from underrepresented or underserved communities who have a strong academic record and are interested in studying and exploring careers in science and engineering.

<http://oeop.mit.edu/programs/mites>

Applications open in November.

Deadline is February 1<sup>st</sup>.

## **Expanding Horizons**

EHI provides high school juniors with educational seminars that focus on professional skill-building, community awareness, and college preparation, as well as firsthand experience in the work force through a **paid internship**. (Sophomores are admitted to the program as alternates who participate in the seminars and are not guaranteed an internship.) EHI gives students the opportunity to engage in new experiences and take on challenges that encourage personal growth.

<http://crf-usa.org/youth-internship-program/apply.html>

**Deadline: January 31<sup>st</sup>**

## **HNBA Legal Education Fund: LEAP**

LEAP has been organized for YOU! The Fund is eager to support the academic efforts of Hispanic high school students across the country who are interested in the pursuit of justice.

If you have talked about pursuing a degree in the fields of political science, education, business, law, medicine, media and public service, **WE WANT YOU!** If you are a high school student ages 14 - 17 please apply for LEAP an educational opportunity annually every June.

LEAP participants will have a full scholarship for travel to/from LEAP, room, board and educational materials. **Apply now!** Application available in February. (Deadline in May).

<http://www.hnbafund.org/Programs/LEAPProgram/LEAPApplication.aspx>

## **Rensselaer Polytechnic Institute: Preface Summer Program (STEM)**

**FREE- Includes round trip travel to NY.**

<http://www.rpi.edu/dept/doso/resources/precollege/docs/2016PREFACEapplication.pdf>

The Rensselaer **PREFACE Program** is a two-week residential summer experience for talented high school sophomores and juniors, who will enter 11th or 12th grade in the fall of the coming year and who have expressed a strong, early interest in pursuing a career in the engineering and technological professions. It is for serious high school students from groups that have been historically and traditionally underrepresented or underserved in science, engineering, and technological fields.

Participation in the PREFACE Summer Program provides the student participants with extraordinary opportunities:

- PREFACE provides experiences using an engineering process approach to resolve a problem (e.g., design, troubleshoot, innovate, model, revise, and assess outcomes);
- Activities, classes and workshops create opportunities to develop leadership and team-building skills;
- Students explore career opportunities available in the engineering professions as a means to develop a deeper understanding of the role and expectations of an engineering education;
- The PREFACE Program presents a snapshot of college life and its academic, social, cultural, service learning and environmental experiences.

## **USC Continuing Education and Summer Programs**

<http://cesp.usc.edu/press/>

### **USC Summer Science Camp for High School Women**

Learn about marine biology and oceanography at the Phillip K. Wrigley Marine Science Center on Catalina Island. One-week program for high school women.

### **USC Summer Seminars**

Spend four weeks living and learning on the USC campus and earn three units of elective credit at USC Summer Seminars. Open to students who have completed at least the freshman (9th grade) year of high school.

**Partial scholarships available to eligible students.**

## **The Princeton University Summer Journalism Program (New Jersey)**

<http://www.princeton.edu/sjp>

Classes at the program are taught by reporters and editors from *The New York Times*, *The Washington Post*, *The New Republic*, *The New Yorker*, CNN and ABC News, among other media outlets. Students tour the *Times* and CNN; cover a professional sports event (in past years, a Yankees, Mets, Jets or Liberty game); cover news events in the Princeton area; film and produce a TV segment; and report, write, edit and design their own newspaper, *The Princeton Summer Journal*, which is published on the program's last day. The program is also designed to give students a taste of what life is like at one of the best colleges in the country—students live on campus and eat in one of the university's cafeterias—and to prepare them to apply to top schools. **All expenses paid if selected to participate!**

## **Academy of Business Leadership (UCLA,LMU,USC,CSULA,CSUF,CSUDH & SMC)**

[www.goabl.org](http://www.goabl.org)

Immerse yourself in a college environment and receive instruction from top MBA graduates and college students from prestigious universities. Gain access and exposure at the highest levels to Fortune 500 corporations and leaders of our time. **Free if selected to participate!**

### **Experience Berkeley!**

<http://www.stileshall.org/our-programs/experience-berkeley/>

The program identifies promising high school and community college students and brings them to the Berkeley campus in small groups during the summer and school year. At UC Berkeley they are introduced to college life, taken to classes, introduced to test taking and essay writing strategies, and mentored throughout the application process. Students who apply and are accepted are brought back to campus for meetings with faculty, students, and financial aid officers. **All expenses paid!**

## **University of Notre Dame Latino Community Leadership Seminar (Indiana)**

<http://precollege.nd.edu/latino-community-leadership-seminar>

The Latino Community Leadership Seminar is an opportunity for forty outstanding Hispanic students entering their senior year in high school who want to challenge and develop their commitment to the Latino community. This seminar explores the role of Latinos in U.S. society through a series of presentations, discussions, and experiences. Students will examine how their values and experiences interact with political, economic, and

social realities to produce new avenues for effective Latino leadership. The seminar is designed to help the students succeed in developing leadership skills that can harness their strong commitment to community service derived from the values of Latino culture and the Catholic social tradition. **All expenses paid (including airfare) if selected to participate.**

**Stanford University Summer Session (Palo Alto, CA)**

<http://summer.stanford.edu/>

Accomplishment, inspirational professors, lifelong learning, lasting friendships, outstanding athletic and cultural activities, and the beauty of the San Francisco Bay Area characterize the Stanford tradition. As a High School Summer College student during summer 2011, you will take undergraduate courses and earn Stanford University credit. You will also participate in many interesting and entertaining activities that enhance the academic experience. Our selective program attracts students who are eager to experience a true university environment. **Scholarships available!**

**National Student Leadership Conference (universities in New York, San Francisco, Chicago or Washington, DC)**

<http://www.nslcleaders.org>

<http://www.nslcleaders.org/scholarships.html> (scholarship link)

Experience a Future Career and Life on a College Campus!

The NSLC uses an interactive approach to learning that enables students to experience a day-in-the-life of a future career. Students can choose from one of 14 career areas, including: Medicine, Engineering, International Diplomacy, Business, Sports Management, Forensic Science, International Business, Law, U.S. Policy and Politics, Theater, Journalism, National Security, Education and the Arts. While at the NSLC, students will meet with and learn from national and world leaders, surgeons and scientists, artists and architects, business leaders, lawyers and more. Exclusive tours and behind-the-scenes visits add richness to the experience. **Scholarships available!**

**Center for Talented Youth Program at Princeton University (New Jersey)**

<http://cty.jhu.edu/summer/princeton/index.html>

Welcome to CTY's program at Princeton University—a three-week residential summer program for academically talented high school students, grades 10 and above. We enter the twenty-first century facing numerous challenges and opportunities. In an increasingly interconnected world, choices we make locally have significant global implications. CTY's program for 10th through 12th graders focuses on key global issues in the twenty-first century. Quite simply, we believe that critical issues of the future deserve the time and attention of the brightest students of our time. **Scholarships available – must submit paper (downloaded) application.**

**Summer at Georgetown University (Washington, DC)**

<http://summer.georgetown.edu/>

Make this a summer you'll never forget. Summer at Georgetown University in Washington, D.C., is an exciting, challenging learning experience that extends far beyond the classroom. It is an experience that's uniquely Georgetown, where your classmates share your drive for outstanding achievement and your thirst for meeting new people and exploring new cultures. This summer, you and your classmates can lay the foundation for

lifelong success. Together, you will enjoy an exclusive introduction to the esteemed community of Georgetown University. **Partial scholarships are available to qualified students.**

**CRF's Expanding Horizons Internships (Los Angeles)**

<http://www.crf-usa.org/youth-internship-program/>

Combine paid internships in exciting professional settings with 12 interactive seminars. The program provides the professional skill-building, community awareness, and educational preparation necessary for effective action in our democratic society. Internships in the areas of law, public policy, health fields, arts, business, education and government. **Pays \$8.00/hour.**

**The Chicano Latino Youth Leadership Project, Inc. Summer Conference**

[www.clylp.com](http://www.clylp.com)

Open to 10<sup>th</sup> and 11<sup>th</sup> graders interested in politics and leadership. Activities during the week-long summer conference at the capitol in Sacramento include: legislative day at the Capitol, campaign development workshops, and college and career day.

**JPL SpaceSHIP (Summer High School Internship Program) (Pasadena, CA)**

<http://jplspaceship.jpl.nasa.gov/>

An 8-week internship for students 16 and over with a strong aptitude for and interest in science, technology, engineering and/or mathematics. An opportunity to expand your computer skills and do research. Students are mentored by NASA's top science and engineering professionals. **Pays \$3,000 stipend.**

**City of Los Angeles Public Works High School Internship Program (Los Angeles)**

[www.bpw.lacity.org/pwhip](http://www.bpw.lacity.org/pwhip)

The goals of the program are: (1) To expose high school juniors and graduating seniors in the City of Los Angeles to career options in architecture, engineering, construction management and environmental engineering; (2) To integrate classroom learning with work-based experience; and (3) To create and encourage student interest in science, engineering and construction management. The main components of this six-week paid internship include job training, educational workshops, field trips, and exposure to a professional work environment. **Pays \$8 - \$10/hour.**

**White House Internship Program (Washington, DC)**

[www.whitehouse.gov/about/internships](http://www.whitehouse.gov/about/internships)

Those students selected to participate in the program will gain valuable job experience and an inside look at the life of Obama's White House staff while building leadership skills. In addition to normal office duties, interns will supplement their learning experience by attending a weekly lecture series hosted by senior White House staff, help at White House social events and volunteer in community service projects.

**QuestBridge College Prep Scholarship for High School Juniors**

[www.questbridge.org](http://www.questbridge.org)

Awards include all-expense paid trips to college campuses, scholarships to summer programs at Harvard, Notre Dame, Stanford or Yale, and individualized college admissions counseling.

November 1, 2016

Finalists must submit required documents to the colleges that they have ranked.

November 2, 2016

Final college rankings and Match Agreement Form are due (if needed).

November 7, 2016

Finalists can begin selecting colleges for [QuestBridge Regular Decision](#).

December 1, 2016

- Finalists are notified of College Match results.
- Finalists who do not match continue with QuestBridge Regular Decision.

December 11, 2016

The QuestBridge Regular Decision Form is due.

Spring 2017

Admissions decisions are sent out by the colleges for Regular Decision applicants.

### **Adelante Leadership Program (Los Angeles)**

Email for application: [Adelante@salesianclubs-la.org](mailto:Adelante@salesianclubs-la.org)

9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> graders prepare for college and leadership while serving the community. Students learn effective communication strategies and team building skills. Internships are arranged with companies according to student schedules. The program is over 16 weeks (on Saturdays) during the summer.

### **Dartmouth Bound (Hanover, New Hampshire)**

<http://www.dartmouth.edu/admissions/bound/>

Juniors are selected for Dartmouth Bound inclusion on the basis of their academic achievement, personal character, and potential for college success. The Dartmouth Bound program provides opportunities for students to visit campus and learn about life at the College, as well as our admissions and financial aid process.

**Program participants receive free round trip transportation and overnight accommodations in residence halls.**

**Didn't find what you're looking for? There are over 400 Enrichment programs described on [www.EnrichmentAlley.com](http://www.EnrichmentAlley.com). This is a free comprehensive searchable database. It includes numerous free programs as well as many that offer financial aid.**