

Summer Programs

With help from Cinco Ranch, Cy-Creek, and Kerr High Schools

- **High School Summer Program at MD Anderson Cancer Center:** This eight-week summer program for graduating high school seniors is offered by the University of Texas MD Anderson Cancer Center in Houston, Texas, one of the nation's leading cancer research and treatment centers. The program introduces interested and qualified young Texans to a research environment and provides firsthand experiences in the varied career opportunities available in the biomedical sciences. A total of 20 students will be selected to participate in this eight-week program. <http://www.mdanderson.org/education-and-research/education-and-training/schools-and-programs/summer-science-programs/high-school-summer-program.html>
- **The Summer Science Program -** The Summer Science Program (SSP) is a residential enrichment program in which gifted high school students from around the world complete a challenging, hands-on research project in celestial mechanics. By day, students learn college-level astronomy, physics, calculus, and programming. By night, working in teams of three, they take a series of telescopic observations of a near-earth asteroid, and write software to convert those observations into a prediction of the asteroid's orbit around the sun. Stimulating guest speakers and field trips round out the curriculum. <http://www.summerscience.org/home/index.php>
- **High School Summer Science Research Program -** The purpose of the HSSSRP, is to give superior high school students hands-on research by working on research projects with Baylor University science professors in many disciplines. The research program occurs during the university's first session of summer school and is open to students during the summer between their junior and senior year of high school. <http://www.baylor.edu/summerscience/>
- **Research Science Institute (RSI) -** A six-week, cost-free program designed to kick-start their careers of leadership in science, mathematics, engineering, and technology held at the Massachusetts Institute of Technology (MIT). This program is widely regarded as "the most prestigious competitive science programs for high school students in the nation". Visit: <http://www.cee.org/programs/rsi>
- **Telluride Association Summer Program (TASP) -** a six-week educational experience for high school juniors that offers challenges and rewards rarely encountered in secondary school or even college (all expenses paid). This program is VERY prestigious, with many student moving onto Ivy League and other prestigious schools. There are two locations for the 2011 program: Cornell University and the University of Michigan. Visit: http://www.tellurideassociation.org/programs/high_school_students/tasp/tasp_general_info.html
- **The Mickey Leland Kibbutzim Internship -** This non-profit leadership program has significantly changed the lives of hundreds of Houston high school students. The program has helped send hundreds of students to Israel during the summer of their junior year of high school. This trip of

a life time has broadened their perspective of the world. Students must live in Texas' 18th Congressional District. Visit: <http://www.mickeylelandkibbutzim.org>

- **Asian American Journalists Association's J Camp** - J Camp's goal is to develop the next generation of journalists. This six-day training camp brings together a multicultural group of high school students from across the nation to sharpen their journalism skills and work together in a unique learning environment. The curriculum consists of interactive workshops, hands-on training, and field trips. The students selected demonstrated a keen interest in broadcasting, newspapers, magazines, photojournalism, or online media. This program is not limited to Asian American students and is open to all high school freshmen, sophomores, or juniors. There is no fee to apply and all costs are covered - including airfare, lodging, and meals. Visit: http://www.aaja.org/programs/for_students/journalism_trainings/j_camp
- **British American Foundation of Texas Junior Achievers Award** - 2-4 week study abroad program in the United Kingdom. For low-income families in the Houston area. Students must be 16-17 years old. Visit: <http://www.britishamericanfoundationoftexas.org/default.aspx?MenuItemID=105&>
- **The National Hispanic Youth Initiative Program** - For current Hispanic 10th and 11th graders who are considering a career in health care or biomedical research. In 2009, the program was eight days long and was held in Washington DC. Visit: <http://icps.org/Default.aspx?tabid=2078>
- **United States Military Academy West Point: Summer Leaders Seminar** - A week-long immersion in academic, military and social life for those considering West Point. You will explore West Point from all angles, including some intense military training and athletic activities. It's the best way to gauge the challenges you will encounter as a cadet. Visit: http://admissions.usma.edu/summer_program.html
- **NASA High School Aerospace Scholars**: High School Aerospace Scholars is an interactive online learning experience, highlighted by a six-day internship where selected students are encouraged to study math, science, engineering, or computer science by interacting with engineers at the NASA Johnson Space Center (JSC). Applicants must be at least 16 years old and a junior in high school. Visit: <http://aerospacescholars.jsc.nasa.gov/aboutas.htm>
- **Bank of America Neighborhood Initiative Excellence Student Leaders Internship** - Students will participate in an eight-week paid internship at a nonprofit/charitable organization (Houston, Texas) and a week-long Student Leadership Summit in Washington, DC (all expenses paid). Students will gain valuable civic, social and business leadership skills. Visit: <http://www.bankofamerica.com/neistudentleaders>
- **Carleton College Liberal Arts Experience (CLAE)** - High school students who are current sophomores are invited to a one-week summer program at Carleton College (all expenses paid). The CLAE program introduces the strengths of a liberal arts education through an array of courses in science, art, social sciences, and technology. Visit: <http://apps.carleton.edu/summer/clae/>
- **Duke University Talent Identification Program's Field Studies and Institutes** - This program allows students to participate in advanced-level coursework, study from experts in their fields, and study in another country to gain international experience. Some of the programs include clinical psychology, archaeology, music, creative writing, and filmmaking. Visit: <http://www.tip.duke.edu/node/61>

- **Junior Statesman Foundation Summer Programs** - an opportunity for outstanding freshmen, sophomores, and juniors who have an interest in politics and current events to learn more about politics and government in a dynamic academic environment. Located on the campuses of Georgetown, Princeton, and Stanford, this program includes a rigorous curriculum, debate and leadership training, and exciting speakers programs. Visit: <http://jsa.org/summer-programs/>
- **Close Up Summer High School Program** - Close Up has 5 different summer programs, including a 6 day program that gives an in-depth look at our government using Washington, DC, as a living classroom. In addition, there's a chance to earn college credit from the University of Virginia. Visit: <http://www.closeup.org/programs/hsexplore.aspx>
- **Texas A&M University - Camp ARCH** – The College of Architecture hosts Camp ARCH, a resident summer camp designed to give young people an opportunity to experience the professions of Architect, Constructor and Visual Designer. The program accepts student who have completed the 9th grade or higher. Visit : <http://camparch.tamu.edu>
- **Cornell University's Catalyst Academy** – One week residential program which focuses on underrepresented minority high school students who excel in math and science, enjoy solving problems, and want to learn more about careers in engineering. Visit: www.engineering.cornell.edu/catalyst
- **Bryant University's Leadership Institute and PwC** – Spend a day at the PricewaterhouseCoopers offices in Boston and get an insider's view into the accounting profession and the firm. Visit: www.admission.bryant.edu/Academics/PWCSummerProgram/Tabid/4803/Default.aspx
- **Louisiana State University Residential Summer Camps for Future Engineers:**
 - **Recruitment into Engineering of High Ability Minority Students (REHAMS)** - Students interact with LSU engineering student leaders, faculty, and industry personnel. Students will participate in hands-on activities, lectures, and industry tours while learning about the different fields of engineering. Visit: <http://www.eng.lsu.edu/diversity/precollege/rehams>
 - **XCITE** is another engineering program geared towards incoming 9th and 10th grade girls. Visit: <http://www.eng.lsu.edu/diversity/precollege/xcite>
- **Texas A&M University's College of Veterinary Medicine and Biomedical Sciences Veterinary Enrichment Camp.** The three-day program will give participants the opportunity to explore the possibilities of veterinary medicine as a career. For students in the summer after their sophomore or junior year in high school. Visit : <http://vetmed.tamu.edu/bims/future/veterinary-enrichment-camp>
- **Texas A&M University's Exploring Leadership Opportunities and Rewards in Education (ExpLORE)** – Opportunity to learn more about teaching as a career and discussion about Texas A&M's requirements for college admissions and financial aid. Visit: <http://educate.tamu.edu/articles/explore>
- **Broadreach** - Educational summer adventures for teenagers including marine biology, scuba, sailing, language immersion, natural sciences, wilderness and community service programs worldwide. Program locations include the Caribbean, Central and South America, Canada, Australia, China, South Africa, Egypt, France, and Solomon Islands and Fiji. Many Broadreach programs qualify for college credit and all offer a community service component ranging from 5-55 hours. Multiple certifications including PADI scuba certifications, IYT sailing certifications and

Wilderness First Responder are offered on Broadreach's trips. Programs are 14-31 days in length in the summer. For information, contact: 888-833-1907 or www.gobroadreach.com

- **Smithsonian Institution - Smithsonian Latino Center Young Ambassadors Program.** The program is a national, interdisciplinary leadership program for high school students gifted in the arts, sciences, or humanities. The mission of the program is to foster the next generation of Latino leaders. The program consists of two components: a one-week, all expenses paid training seminar at the Smithsonian Institution and; a paid internship at a recognized museum or cultural organization in local communities across the U.S. and Puerto Rico. Visit: <http://www.latino.si.edu/programs/youngambassadors.htm>
- **The Free Enterprise Leadership Challenge (FELC)** is designed for high school students and empowers participants to experience business and economics first-hand. It is open to any rising sophomore, junior, or senior high school student who has demonstrated leadership potential and an interest in the free market system. Visit: www.felcexperience.org
- **Brown University - The Brown Leadership Institute.** The Brown Leadership Institute helps students make a positive difference in the world. Students develop and apply the knowledge, skills and attitudes associated with effective and socially responsible leadership. Some of the Summer courses include: Leadership and Conflict Resolution, Women and Leadership, Leadership and Global Health, Documentary Film for Social Change: Production & Theory, Identity, Diversity, and Leadership, and Alien Nation: Immigration, Immigrants, and American Politics. Visit: <http://brown.edu/ce/pre-college/>
- **University of Houston - Bauer College of Business Summer Business Institute** is designed for rising high school juniors and seniors. The program will help develop leadership skills, set career goals, and offer the students an opportunity to discover the real world of business in Houston through experiential learning, training, and site tours. Visit: www.bauer.uh.edu/summercamp
- **Oxbridge Academic Programs** welcomes intellectually adventurous high school and junior high school students to Europe. These programs, for students in grades 8 to 12, aim to give young people the opportunity to live and study in the historic and scholarly centers of learning that are Oxford and Cambridge in England, Barcelona in Spain, and Paris and Montpellier in France. Visit: www.oxbridgeprograms.com
- **Columbia University's Summer Program for High School Students:** offers pre-college enrichment programs for students entering grades 9-12. There are three program locations: New York City, Barcelona, and the Middle East. Visit: <http://ce.columbia.edu/High-School-Programs-Homepage>
- **Cornell University Summer Program** offers the excitement of college life at an Ivy League university, college courses with Cornell's faculty, a head start on college by earning three to six college credits, exploration of careers and academic majors from architecture to veterinary medicine, and participation in admissions workshops. Depending on program selected, students must have completed their sophomore, junior or senior years. Visit: www.summercollege.cornell.edu
- **Washington University at St Louis - High School Summer Scholars Program.** Provides academically talented high school students who have completed their sophomore or junior year with a unique opportunity—the chance to try out college, the ability to earn college credit, and the excitement of living and bonding with fellow students from around the country and the world. Visit: <http://summerscholars.wustl.edu>

- **Phillips Exeter Academy Summer School** welcomes to campus more than 700 students for five weeks of academic study, athletics, and exploration that carry participants far beyond the classrooms and the playing fields. Students participate in athletics and have opportunities to sing in choral groups, play musical instruments or bring dramatic productions to life on stage. Visit: www.exeter.edu/summer
- **The University of Nebraska Summer Academic Camps** offer career exploration in such fields of study as 3D Animation and Virtual World Creation, Culinary Arts and Food Science, Entrepreneurship, Filmmaking, Geology and Paleontology, The Outdoors, Textile Design, Unicameral Youth Legislature, and Veterinary Science. These career exploration camps offer a chance to explore the UNL campus, meet people from across the country, spend time investigating an interest or potential career and have lots of fun. Visit: <http://4h.unl.edu/web/4hcamps/bigredcamps>
- **University of Southern California** offers pre-college summer programs for rising sophomores, juniors, and seniors. Students explore Los Angeles as a laboratory for recreational and cultural learning beyond the traditional classroom. Our programs are designed to combine college level course work, academic field trips, and structured recreational activities. Students receive 3 units of USC elective credit upon successful completion of the 4 week program. Students can choose from over 20 courses in the following subject areas: Architecture, Business, Engineering, Environmental Studies, Global Studies, Journalism, Performing Arts, Pre-Health/Sciences, Pre-Law, Visual Arts, and Writing. Visit: summer.usc.edu
- **Northfield Mount Hermon School's Summer Session** offers five programs: College Prep, Middle School, English as a Second Language, Contemporary Dance, and New Zealand Summer Abroad. Students engage in intensive study in one subject; they complete the equivalent of a year-long course, and possibly earn credit, in just five weeks. Visit: www.nmhschool.org/summer
- **Harvard College Secondary School Program.** Choose from about 200 Harvard Summer School courses in diverse liberal arts fields such as math, chemistry, drama, biology, Spanish, literature, music, physics, and psychology. Earn letter grades and undergraduate credit that can be transferred to most colleges. There are three ways to attend the SSP: Live on campus, Commute, or take a course online. The SSP admissions committee looks for mature, academically motivated students who demonstrate potential for success in a college environment. Visit: www.ssp.harvard.edu
- **Carnegie Mellon Pre-College Programs.** Rising high school juniors and seniors can spend six weeks in one of Carnegie Mellon's six distinct Pre-College programs. Explore architecture, art & design, drama, music or the National High School Game Academy to prepare for study at the college level. Take two challenging college courses through the Advanced Placement/Early Admission program in order to gain advanced placement and get a head start in college. Visit: www.cmu.edu/enrollment/pre-college
- **The Experiment in International Living** - This program challenges students to think, learn, give, grow, understand, and explore the world during a summer of cultural and language immersion. It is a cross-cultural summer abroad programs that empower young people to become responsible global citizens and engaged youth diplomats. This summer, The Experiment will run programs to 28 countries in Europe, The Americas, Africa, Asia, and Oceania, each with a homestay that facilitates an entry into another culture. Visit: www.experimentinternational.org

- **Savannah College of Art and Design (SCAD) Summer Seminars** - SCAD offers summer programs for participants of all ages to pursue art and design disciplines and work alongside peers from all over the world. Visit: www.scad.edu/summer
- **Emory Pre-College Program.** Emory University offers an academic program for rising junior and senior high school students who are at least 16 years of age. The Emory Pre-College Program gives college-bound students an exciting glimpse of academic and residential life at a top-ranked national university. High school students may enroll in classes with college students, earn transferable college credit, and explore topics with professors who are the leading experts in their fields. Visit: <http://college.emory.edu/program/precollege/>
- **Rice University - Rice for High School Students; College Credit in the Summer.** The Susanne M. Glasscock School of Continuing Studies at Rice University will offer this program to rising juniors and seniors. Students can take one course in Rice University's regular summer school alongside current Rice students and visiting students from other institutions. Courses are offered in a variety of subjects and transferable credit is earned. Visit: <http://teachers.rice.edu/rhs/>
- **Embry-Riddle Aeronautical University.** Embry-Riddle is offering students ages 14-18 three unique programs that will give students a hands-on and informative look at the many opportunities available to them in the aviation and aerospace industries.
 - Flight Exploration Summer Program: for students with a strong or budding interest in the world of professional aviation.
 - Aerospace Engineering Summer Program: for students interested in the science of designing, building and testing aircraft and spacecraft.
 - Computer/Electrical Engineering Program: for students interested in instruction in the design and construction of computer and electronic components.
 - Visit: <http://prescott.erau.edu/news/embry-riddle-prescott-offers-career-exploration-summer-camps-to-youth.html>
- **Summer Study Programs** - Study programs are offered at Penn State University, University of Colorado at Boulder, University of Vermont and The Sorbonne (Paris, France) for high school students completing grades 9 - 12 (the College Credits program is for students completing grades 10 - 12). Visit: www.summerstudy.com
- **The Marist Summer Pre-College Program** is for academically motivated rising high school juniors and seniors. Students will live on campus for two-weeks. The program allows students to utilize state-of-the-art technology, gain hands-on experience in their respective field, and earn three college credits. Visit: www.marist.edu/precollege
- **Boston University Program in Mathematics for Young Scientists.** PROMYS will offer an intensive experience in creative mathematical exploration to approximately 65 ambitious high school students with an exceptionally strong interest in mathematics. Visit: www.promys.org
- **The University of Houston - Wonderworks.** Wonderworks is an annual offering of workshops for talented, intellectually-curious high school students. The program offers Pre-College programs in Arts, Literature, and Media at the University of Houston. Visit: www.wonderworkshouston.org
- **Oxford University's Advanced Studies Program** offers a superb academic curriculum in a range of subjects, taught through stimulating small-group seminars and weekly one-on-one tutorials. Visit: www.oasp.ac.uk

- **Northwestern State University - ADVANCE Program.** ADVANCE is one of five collaborative efforts with Duke University's Talent Identification Program. It is a three-week residential program at Northwestern State University in Natchitoches, Louisiana that offers a challenging and rewarding curriculum for gifted and talented students entering grades 8 through 12 this fall. Visit: <http://advance.nsula.edu>
- **4 Star Camps Senior High Academic Camp.** Camp for rising 10th - 12th graders. Career Pursuits: Interactive problem-solving learning experiences styled after the TV show "The Apprentice". Enrichment Courses: Traditional-style classroom learning in Math (Algebra II, Geometry, Pre-Calculus/Trigonometry), Writing (creative and essay), Psychology, Human Anatomy, Public Speaking and Advanced Effective Reading. SAT Preparation: 1 and 2 week sessions utilizing the proven methods of Cambridge Education. Visit: <http://www.4starcamps.com/>
- **University of Dallas Study Abroad** - The University of Dallas offers bright and mature students the opportunity to study abroad this summer in their Shakespeare in Italy and Latin in Rome programs. Visit: www.udallas.edu/travel
- **Suffolk University - Summer Programs** offers four programs for high school students:
 - **Boston Summer Institute** – A two week residential program for high school students to earn college credit while taking specially-designed courses centered on the theme of Boston.
 - **High School Scholars Program** – A six-week summer program for exceptional high school seniors with the opportunity to enroll in college courses in the Summer Sessions.
 - **New England School of Art & Design Pre-College Program** – A five-week non-credit program where high school students study art and design for three days per week in a college setting.
 - **Madrid Summer Program** – Discover the magic of Spain on an academic adventure at Suffolk University's campus in Madrid. Students live with local families while taking courses on the language and culture of their host country.
 - Visit: www.suffolk.edu/summer
- **Texas A&M University – Electrical and Computer Engineering Unplugged Summer Camp:** A special five day camp designed to give high school juniors and seniors, with an interest in pursuing electrical or computer engineering as a career, an opportunity to explore ECE at Texas A&M University. Visit: <http://www.ece.tamu.edu/Undergraduate/ECEunplugged.php>
- **The University of Chicago - Summer Sessions:** The University of Chicago offers a wide array of unique programs for rising sophomores, juniors, and seniors. Students may take undergraduate courses for college credit. Visit: <https://summer.uchicago.edu/>
- **Sam Houston State University – College of Criminal Justice Summer Camp:** SHSU College of Criminal Justice has developed a summer camp program that allows high school students between the ages of 15 and 17 the opportunity to meet with criminal justice professionals, tour facilities, attend hands-on workshops, and explore careers in criminal justice. Visit: www.cjcenter.org/camps/camps.html
- **Texas A&M University - Spend the Day with the Corps:** The Spend the Day with the Corps (SDWC) program is an official campus visit to Texas A&M University offered each summer for rising high school juniors and seniors as well as their parents. Gain valuable information about

the University and the Corps of Cadets. Visit: <http://corps.tamu.edu/connect-with-the-corps/spend-the-day-with-the-corps.html>

- **Texas Lutheran University - Lone Star Scholars Academy:** TLU offers a unique summer program that provides the opportunity to earn two hours of college credit in courses taught by dynamic professors, team up with other high school and TLU students on a service project, and enjoy interesting classes, fun evening activities, and great field trips. Visit: www.tlu.edu/lssa
- **Texas Chapter of the Wildlife Society - Wildlife Conservation Camp:** The Wildlife Conservation Camp focuses on outdoor, hands-on activities, with presentations by wildlife professionals. Students considering careers in wildlife or natural sciences are strongly encouraged to attend, as the experience will be invaluable as they look to the future. Visit: <http://www.dynabytes.com/xs.php?page=conservation&siteid=268>
- **Children’s Museum of Houston - Volunteer Opportunity:** The Children’s Museum is seeking applicants for their summer teen volunteer program which begins in June and runs through August. Interested teens, ages 14-17, are encouraged to apply. Participants commit to volunteering for a minimum of 75 hours at the museum after participating in a training program. Visit: www.cmhouston.org/volunteers
- **City of Houston - Public Works and Engineering Camp:** This camp is designed to provide students with hands-on activities, field trips and mentorship for those interested in a career in public service. Activities are geared toward students with an interest in Engineering, Science, Mathematics, and Public Service. Students must be entering their Junior or Senior year, have a minimum GPA of 2.5 in Math and Science, and live within the City of Houston service area. Visit: www.publicworks.houstontx.gov. Go to “Links of Interest” and click on Public Works Summer Camp.
- **Auburn University - Summer Youth Programs:** Auburn University is offering 19 Academic camps in architecture, apparel and interior design, creative writing, digital forensics, fisheries, veterinary, and world affairs to name just a few. Visit: <http://www.auburn.edu/outreach/opce/summercamps/>
- **University of Texas - Summer Academy in Architecture:** The Summer Academy is geared toward people who have little or no background in architecture, are at least 17 years old, and are considering applying to undergraduate or graduate degree programs in architecture. Visit: www.soa.utexas.edu/summeracademy
- **George Washington University Summer Pre-College Programs.** GW Pre-College courses provide an exciting and unique opportunity for high school students to experience the academic rigors of learning in a college environment. Courses are taught by expert GW faculty and scholar practitioners. Visit www.precollege.gwu.edu
- **Barnard’s Pre-College Summer Programs** – 4 different pre-college programs. Visit: <http://www.barnard.edu/PRECOLLEGE>
- **Earlham College Summer Program for 9-11th grade students.** Explore Diversity, Human Behavior, Japanese, Metal-smithing, Morality and Literature, Oceans and Ice, Photography, Spanish and Writing for College. Visit: <http://legacy.earlham.edu/~eac/>
- **Smith College Summer Science and Engineering Program for High School Girls.** SSEP is a four-week residential program for exceptional young women with strong interests in science, engineering and medicine. Visit: www.smith.edu/ssep/

- **University of Alabama Capstone Business Leadership Academy** – The Capstone Business Leadership Academy is a 10-day residential summer program designed for academically exceptional rising high school seniors (students in between their junior and senior years during the program) interested in obtaining an education and pursuing a career in business. Visit: www.cba.ua.edu/summeracademy
- **Texas A&M University: Student Leaders of Tomorrow** - The SLOT Conference gives high school juniors and seniors the chance to experience college life first-hand while learning valuable leadership skills. Students will gain insight from a variety of speakers covering a wide range of leadership topics and begin networking with current leaders at Texas A&M. Visit: <http://slot.tamu.edu/>