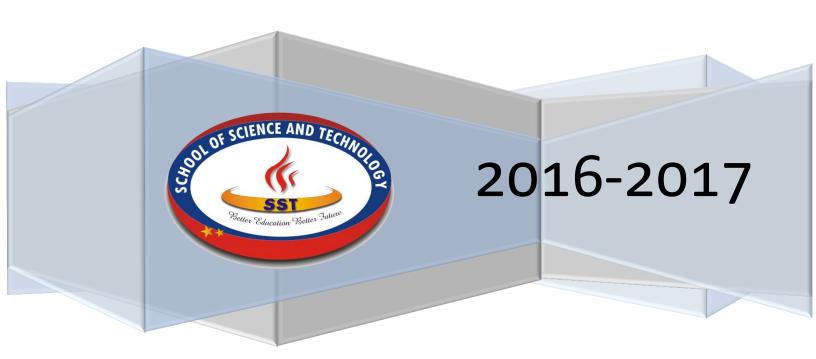
SCHOOL OF SCIENCE AND TECHNOLOGY

SUMMER PROGRAMS FOR HIGH SCHOOL STUDENTS

DEPARTMENT OF COLLEGE AND CAREER COUNSELING



GENERAL ACADEMIC SUMMER PROGRAMS WITHIN THE US

- 1. **AMERICAN COLLEGIATE ADVENTURES** Participants: **Rising sophomores, juniors, and seniors.** Type of Program: Activity-filled weeks of learning and recreation in Madison, Wisconsin or a 3-city combo including D.C., Philadelphia, and Boston. Program Dates: varies by program, between June to August 2016 Website: http://www.acasummer.com/
- 2. **BELOIT COLLEGE: SUMMER INTENSIVE LANGUAGE PROGRAMS** Participants: **Students age 17** Type of Program: The Center offers four- and eight-week programs in Arabic, Chinese, Japanese, and Russian. At the successful conclusion of each eight-week summer language program, students will have completed the equivalent of one year of college-level language study and are prepared to enter the next year of study at most colleges and universities.

Program Dates:

Eight Week Session: June 11 - August 5, 2016

Session I: June 11 - July 9, 2016 Session II: July 10- August 5, 2016 Website: http://www.beloit.edu/cls/

3. **BOSTON COLLEGE: SUMMER EXPERIENCE** Participants: Rising **SENIORS** Type of Program: A six- week- long college experience for outstanding, highly motivated students to experience college level coursework at Boston College Program Dates: See website for dates

Website: http://www.bc.edu/schools/summer/bce

4. BOSTON UNIVERSITY: HIGH SCHOOL HONORS, RESEARCH INTERNSHIP, SUMMER CHALLENGE, OR SUMMER PREVIEW Participants: VARIES ACCORDING TO PROGRAM Type of Program: Depending on which program student chooses, he/ she will have the opportunity to study one or two subjects or pursue scientific research under the guidance of a faculty mentor.

Program Dates: varies by program

Website: http://bu.edu/summer/highschool

5. CARLETON COLLEGE: LIBERAL ARTS EXPERIENCE

Participants: RISING JUNIORS OF AFRICAN AMERICAN DESCENT OR STUDENTS INTERESTED IN AFRICAN AMERICAN CULTURE.

Type of Program: To introduce the strengths of a liberal arts education through an array of courses in science, art,

social sciences, and technology Program Dates: July 3- 9, 2016

Website: www.carleton.edu/summer

6. CARNEGIE MELLON (PA): PRE-COLLEGE PROGRAMS Participants: Rising JUNIORS AND SENIORS Type of Program:

Choose from 6 pre-college programs. Program Dates: Vary by program

Website: www.cmu.edu/enrollment/pre-college

7. THE COLLEGE OF WILLIAM & MARY (VA): PRE-COLLEGIATE SUMMER PROGRAM Participants: Rising JUNIORS AND SENIORS.

Type of Program: This is a pre-college study of Early American History.

Program Dates: See website for details

Website: www.wm.edu/niahd

[&]quot;High School Honors" - rising juniors and seniors July 3-August 12, 2016

[&]quot;Research Internship" - rising seniors July 3 - August 12, 2016

[&]quot;Summer Challenge" - rising sophomore, juniors and seniors June 19- July 1, July 10-22, July 24- August 5, 2016

[&]quot;Summer Preview" - rising freshmen and sophomores July 17 – July 22, July 24- 29, 2016

8. COLUMBIA UNIVERSITY (NY)

Type of Program: Columbia University's New York City-based Summer Program for High School Students offers high-achieving students the opportunity to experience college life in the Ivy League while sampling the vibrancy of New York City.

Participants: STUDENTS ENTERING GRADES 9-12

Program Dates: Students can attend one or both of the following sessions:

Session 1: June 26 - July 16, 2016 (New York) Session 2: July 18 - August 6, 2016 (New York)

Website: www.ce.columbia.edu/hs

9. CORNELL UNIVERSITY: SUMMER COLLEGE PROGRAMS

Participants: GRADES 10-12

Type of Program: A residential summer program designed to allow students the opportunity to explore careers, a college campus, and enhance their resume.

Program Dates:

Six Weeks Program: June 25- August 9, 2016

Session I: June 25 – July 16, 2016 Session II: July 17 – August 6, 2016

Architecture, Research Apprenticeship in Biological Sciences- June 25 - August 6, 2016

Website: http://www.sce.cornell.edu/sc/

10. DUKE UNIVERSITY TALENT IDENTIFICATION PROGRAM: SUMMER PROGRAMS

Participants: GRADES 9-12

Type of Program: Duke TIP Summer Studies Programs are superb academic opportunities and dynamic residential and social experiences for seventh through tenth graders. These three-week sessions are intense and demanding; students are challenged to think critically about themselves and their world.

Program Dates: varies by program, see website

Website: http://www.tip.duke.edu

11. GEORGETOWN UNIVERSITY: SUMMER SCHOOL

Participants: Rising 10-12TH GRADERS. Type of Program: Choose from a variety of pre-college, academic tracks.

Program Dates: varies by program

Website: http://scs.georgetown.edu/departments/21/summer-programs-for-high-school-students/

12. GEORGE WASHINGTON UNIVERSITY: PRE-COLLEGE PROGRAM Participants: GRADES 10-12

Program Dates: varies by program- There are many sessions to choose from, including Summer Institutes, Pre-College, and Short-Term Abroad.

Website: http://www.precollege.gwu.edu

13. HARVARD UNIVERSITY: HARVARD SECONDARY SCHOOL PROGRAM

Participants: Rising SOPHOMORES, JUNIORS, AND SENIORS

Type of Program: Courses in writing, drama, math and many more.

Program dates: June 18 - August 6, 2016 Website: http://www.ssp.harvard.edu/

14. HOLLINS UNIVERSITY: HOLLINSUMMER

Participants: Girls in **GRADES 9-12**

Type of Program: You'll take two noncredit classes, live on campus with girls from all over the country, and enjoy a full program of extracurricular activities.

Program Dates: view website, dates vary by program Website: http://www.hollins.edu/summerprograms/index.shtml

TECHNOL

15. LOYOLA UNIVERSITY CHICAGO: PRECOLLEGE SUMMER SCHOLARS

Participants: Rising SOPHOMORES, JUNIORS, AND SENIORS.

2 program opportunities:

"One- week Program": Any week between the dates of June 5 to August 5, 2016

"Six-week Academy": July 5- August 12, 2016 Website: www.LUC.edu/summerscholars

16. STANFORD UNIVERSITY- HIGH SCHOOL SUMMER COLLEGE

Participants: HIGH SCHOOL STUDENTS

Type of Program: Stanford High School Summer College is where exceptional students take Stanford undergraduate

courses and earn college credit during the summer quarter.

Program Dates: June18- August 14, 2016

Website: http://www.4h.unl.edu/web/4hcamps/bigredcamps

17. NEW YORK UNIVERSITY: PRECOLLEGE PROGRAM

Participants: Rising JUNIORS AND SENIORS.

Type of Program: This is a six week residential experience to provide an opportunity to take up to two college-level Education

courses and exploring college options.

Program Dates: July 5 - August 16, 2016

Website: http://www.nyu.edu/admissions/high-school-programs/precollege.html

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18. NORTHWESTERN UNIVERSITY: COLLEGE PREP PROGRAM

Participants: rising JUNIORS and SENIORS

Type of Program: Designed for students who want new academic challenges and the experience of real college life.

Program Dates: varies by program

Website: http://www.scs.northwestern.edu/collegeprep/

19. PRAIRIE VIEW A&M UNIVERSITY: THE PRE COLLEGE ENRICHMENT INSTITUTE WORKSHOP For rising SOPHOMORES **TO SENIORS**

Type of Program: 2 week residential experience designed to prepare students for next school year. Program Dates: view

website for updates

Website: http://www.pvamu.edu/pages/1836.asp

20. TERRY BUSINESS ACADEMY Participants: Rising JUNIORS AND SENIORS

Type of Program: The Terry Business Academy is a highly selective, pre-collegiate program at the University of Georgia's Terry College of Business. This intensive one-week program will expose approximately 30 high school rising juniors and seniors to the various fields of business. Each student will gain practical experience developing and presenting a business plan. Participants will learn about different business majors and career paths, and will visit corporate headquarters to meet executives and professionals in various industries.

Program Dates: June 12-18, 2016 Website: www.smu.edu/tag

21. SUMMER INSTITUTE FOR THE GIFTED AT EMORY UNIVERSITY

Participants: Rising FRESHMEN TO SENIORS

Type of Program: Participation in two classes, one at the college level and the other as part of the College Experience Seminar This three-week program is held at several sites nationwide, including Emory University. The program is open to rising 8th- 12th graders. Students take challenging classes by day and socialize with other motivated, gifted kids in the evenings and weekends. Those who prefer can commute and forego the evening and weekend activities. Students must submit evidence of high ability or achievement with their applications.

Program Dates: June 19 – July 9, 2016 Website: http://www.giftedstudy.org

22. GEORGIA STATE UNIVERSITY- THE ACADEMY FOR FUTURE TEACHERS

Participants: Rising JUNIORS AND SENIORS

Type of Program: The Academy for Future Teachers is designed for bright, talented, and diverse high school students seriously considering a career teaching math or science in an urban environment or a math or science career track. In AFT, students collaborate with outstanding public school teachers and with university faculty, developing teaching and tutoring skills, participating in field trips, and building an appreciation for the value of professional and academic preparation. Math and science concepts are reinforced as participants practice presentation skills which they demonstrate as they teach fellow students. Teamwork and leadership skills are emphasized.

Program Dates: June 6-24, 2016

Website: http://www.stjohnscollege.edu/admissions/summeracademy.shtml

23. STANFORD UNIVERSITY: EDUCATION PROGRAM FOR GIFTED YOUTH SUMMER INSTITUTES Participants: **GRADES 9-11**

Type of Program: The EPGY Summer Institutes are two-to-four-week residential programs for academically talented and motivated and high-school students. The Summer Institutes provide an opportunity for these students to pursue their intellectual curiosity and meet others who share their interests and abilities. Participants are enrolled in a single intensive-study course, taught by a Stanford instructor, and covering topics not typically presented at their grade level. Education Better

Program Dates:

Session I: June 19- July 8, 2016 Session II: July 11- July 30, 2016

Session 1 and 2: June 19 – July 8 and July 11-July 30, 2016

Website: http://epgy.stanford.edu/summer/

24. SUMMER STUDY PROGRAMS

Participants: GRADES 9TH-11TH Type of Program: Experience "the beat and pulse" of college life. Choose from one of four campuses including: Penn State University, University of Colorado at Boulder, University of Vermont, or The Sorbonne in Paris, France Program

Dates: varies by program

Website: http://www.summerstudy.com/

25. SUMMER DISCOVERY: PRE-COLLEGE ENRICHMENT PROGRAMS Participants: Students completing GRADES 9-12.

Type of Program: Choose from 12 different campuses including: UCLA, UC-Santa Barbara, UC San Diego, University of Michigan, Georgetown University, Northeastern University, University of Pennsylvania-Culinary and Emerson, as well as study abroad options.

Program Dates: Varies by program.

Website: http://www.summerdiscovery.com/

26. CDC DISEASE DETECTIVE CLASS

Participants: Rising JUNIORS AND SENIORS

Type of Program: CDC Disease Detective Camp (DDC) is an educational program started by CDC's David J. Sencer CDC Museum in 2005 as a mechanism for developing a public health camp curriculum for state and county health departments. The camp is open to upcoming high school juniors and seniors and is held at CDC's headquarters in Atlanta, Georgia.

Program Dates: June 13-17 or second session on July 18-22, 2016

Website: http://www.tlu.edu/about/community/summer-scholars-academy/

27. UNIVERSITY OF CHICAGO SUMMER SESSION

Participants: Rising 10-12

Type of Program: Several Program Options including "Insight", "Research in the Biological Sciences" (RIBS), "Stones and Bones: A Practicum in Paleontology," "Traveling Academy," or "Summer Quarter Undergraduate Course Offerings" Program Dates: Vary by program. Website: http://summer.uchicago.edu/

28. UNIVERSITY OF HOUSTON— COLLEGE OF BUSINESS

Participants: RISING SOPHOMORES, JUNIORS and SENIORS

Type of Program: High school students from all over the country attend EXPLORE Summer Camps at the C. T. Bauer

College of Business at the University of Houston. This unique experience offers them insight to the fields of

Entrepreneurship, Sales, and Energy and Sustainability. Program Dates: view website, dates vary by program

Website: http://www.bauer.uh.edu/prospective/undergraduates/summercamp.php

29. UNIVERSITY OF NOTRE DAME: SUMMER SCHOLARS

Participants: Rising JUNIORS AND SENIORS.

Type of Program: Choose from 13 academic tracks.

Program Dates: Vary by program Website: precollege.nd.edu/

30. UNIVERSITY OF PENNSYLVANIA: PRE-COLLEGE PROGRAM

Participants: Rising **JUNIORS AND SENIORS** Type of Program: Enroll in one or two undergraduate courses during the University of Pennsylvania's Summer Session. Students also have the opportunity to take part in academic enrichment programs, college application workshops, and college tours throughout the Northeast, all while receiving a complete undergraduate experience.

Program Dates: June 28 - August 6, 2016

Website: http://www.sas.upenn.edu/summer/programs/highschool/precollege

31. UNIVERSITY OF PENNSYLVANIA: SUMMER ACADEMIES

Participants: Rising JUNIORS AND SENIORS

Type of Program: Biomedical Research Academy, Experimental Physics Research Academy, Neuroscience Research

Academy, Social Justice Academy, and Chemistry Research Academy.

Program Dates: July 3 - July 23, 2016

Website: http://www.sas.upenn.edu/summer/students/highschool/courses/academies

32. UNIVERSITY OF ROCHESTER: ROCHESTER SCHOLARS

Participants: Grades 9th-12th

Type of Program: A residential program in which students enroll in mini-courses, reflective of fields of study at the University of Rochester or other higher education institutions. Students have the opportunity to explore many different careers.

Program Dates: dates vary by session

Website: http://enrollment.rochester.edu/precollege/#tab1

33. UNIVERSITY OF SOUTHERN CALIFORNIA: YOUNG SCHOLARS PROGRAM

Participants: Rising 10th-12th

Type of Program: Students choose from 17 seminars and experience life on USC's campus.

Program Dates: Varies by program

Website: http://www.scu.edu/cas/summer/ysp/Classes-for-High-School-Students.cfm

34. STANFORD UNIVERSITY: HIGH SCHOOL COLLEGE Participants: Grades 9-12

Type of Program: Stanford High School Summer College allows our students to explore, collaborate and challenge themselves. Students enroll as a visiting undergraduate in the summer and take courses alongside other Stanford undergraduates.

Program Dates: June 18-August 14, 2016

Website: http://summercollege.stanford.edu/about

35. WAKE FOREST UNIVERSITY: LENS

Participants: Rising JUNIORS AND SENIORS

Type of Program: Experience a residential program that helps students follow a program of study based on a current

global challenge.

Program Dates: June 26 -July 15, 2016fo

Website: www.wfu.edu/lens

36. WASHINGTON UNIVERSITY (MO): HIGH SCHOOL SUMMER SCHOLARS PROGRAM

Participants: Current SOPHMORES, JUNIORS

Type of Program: Gives high school students an opportunity to experience college life and two undergraduate courses

for credit in a variety of exciting subjects.

Program Dates: 2 sessions offered Session A: June 12 - July 16, 2016 Session B: July 17- August 19, 2016 Website: summerscholars.wustl.edu

37. WASHINGTON UNIVERSITY: HIGH SCHOOL SUMMER INSTITUTES

Participants: Rising JUNIORS AND SENIORS.

Type of Program: Writing Institute, Pre-Medical Institute, Leadership Institute, Pre-Engineering Institute, Environmental Studies and Sustainability Institute, and Philosophy, Neuroscience, and Psychology Institute

Program Dates: vary per institute, see website

Website: summerscholars.wustl.edu

38. WILLIAM & MARY: NIAHD (NATIONAL INSTITUTE OF AMERICAN HISTORY AND DEMOCRACY) PRE-COLLEGIATE SUMMER PROGRAM IN EARLY AMERICAN HISTORY Participants: Rising JUNIORS AND SENIORS AND GRADUATING SENIORS.

Type of Program: Students will earn college credit for the academic program that will teach early American history through the use of historic places, including surviving structures, archeology sites, and museums.

Program Dates: See website for dates

Website: www.wm.edu/niahd

39. **RICE FOR HIGH SCHOOL STUDENTS** Participants: **Rising JUNIORS and SENIORS** Type of Program: Programs include AP Exam Review, Destination College, AP Exam Prep, Generation College, College and Career Academies, Generation College, and Essential Guide to Preparing for College, which increases students' awareness of the importance of going to college and helps them master the skills for success in college. Program Dates: Vary by program Website: http://collegeready.rice.edu/rice-high-school-students

40. **UNITED STATES NAVAL ACADEMY SUMMER SEMINAR** Participants: **Rising SENIORS** Type of Program: The United States Naval Academy Summer Seminar is a fast-paced, six-day experience for high achievers who have completed their junior year in high school. Summer Seminar teaches you about life at the Naval Academy, where academics, athletics, and professional training play equally important roles in developing our nation's leaders. If you think that you may be interested in pursuing an appointment to one of the nation's service academies and serving your country as an officer, you should seriously consider attending the Naval Academy's Summer Seminar.

Program Dates: Three Sessions Session I: June 4 - June 9, 2016 Session 2: June 11- June 16, 2016 Session 3: June 18 - June 23, 2016

Website: http://www.usna.edu/Admissions/NASS/index.php

STEM - SCIENCE, MATH, ARCHITECTURE, AND ENGINEERING PROGRAMS

1. JOHNS HOPKINS UNIVERSITY—ENGINEERING INNOVATION

Participants: Current HIGH SCHOOL STUDENTS

Type of Program: Engineering Innovation is an exciting college-level summer program for motivated high school students with an aptitude in math and science and an interest in (or curiosity about) engineering. Students learn to think and problem-solve like engineers and have the opportunity to earn Johns Hopkins University (JHU) credit.

Program Dates: June 27 – July 22, 2016 Website: http://engineering.jhu.edu/ei/

2. BOSTON UNIVERSITY: PROMYS (PROGRAM IN MATHMATICS FOR YOUNG SCIENTISTS)

Participants: Grades 9-12

Type of Program: This intensive six-week program is designed to encourage highly motivated students to explore the world of mathematics in a supportive community of peers, counselors, research mathematicians and visiting scientists at Boston University; also offering advanced seminars for returning PROMYS students.

Website: http://www.promys.org/ Beller Education Better Future Program Dates: July 3 - August 13, 2016

3. CARLETON COLLEGE: SUMMER SCIENCE INSTITUTE

Participants: Rising 10TH AND 11TH GRADERS

Type of Program: Learn to think and write like a scientist and participate in hands-on research that culminates in a

research symposium.

Program Dates: July 10- July 29, 2015 and July 17-August 5, 2016

Website: www.carleton.edu/summer

4. CORNELL UNIVERSITY: CATALYST ACADEMY

Participants: Rising SOPHOMORES, JUNIORS, AND SENIORS FROM UNDERREPRESENTED BACKGROUNDS

Type of Program: One week program designed to advance diversity in engineering and its related disciplines. Students from backgrounds critically underrepresented (African-American, or Native American, Latino/a) in the fields of science, technology, engineering, and math are especially encouraged to apply.

Program Dates: July 10 - July 16, 2016

Website: www.engineering.cornell.edu/catalyst

5. CORNELL UNIVERSITY: CURIE ACADEMY

Participants: FOCUS ON CURRENT JUNIOR AND SENIOR GIRLS

Type of Program: One week program for high school girls who excel in math and science, enjoy solving problems, and want to learn more about careers in engineering.

Program Dates: July 10 - July 16, 2016 Website: www.engineering.cornell.edu/curie

6. CLEMSON UNIVERSITY: SUMMER SCHOLARS

Participants: RISING 9-12

Type of Program: There are eight sessions, designed to allow students to experience life at Clemson University as well as an introduction to academically challenging college courses. Students may choose from a variety of courses.

Program Dates: Varies by program.

Website: www.clemson.edu/summerscience

7. LOYOLA UNIVERSITY CHICAGO: PRE-COLLEGIATE SUMMER SCHOLARS

Participants: RISING SENIORS

Type of Program: One-Week Seminars and a Six-Week Academy

Program Dates: One-Week Seminars- Vary by session

Six-Week Academy -July 5-August 12, 2016

Website: http://www.luc.edu/summerscholars/academics/

TECHNOL 8. RENSSELAER POLYTECHNIC INSTITUTE: ARCHITECTURE CAREER DISCOVERY PROGRAM

Participants: RISING 10TH, 11TH AND 12TH

Type of Program: This program introduces students to the field of architecture, including history, theory, technology, and practice, while emphasizing how these diverse realms of knowledge can be synthesized within the process of architectural design.

Program Dates: To be determined Website: http://summer.rpi.edu/

9. RENSSELAER POLYTECHNIC INSTITUTE: AEROSPACE ENGINNERING SUMMER CAREER EXPLORATION PROGRAM

Participants: Rising 11th and 12th

Type of Program: Will introduce students to a career in aerospace engineering by taking a close look at about how objects fly using model airplanes. In addition to designing and building a model airplane, participants will observe wind tunnel and flight tests.

Program Dates: To be determined Website: http://summer.rpi.edu/

10. SEA SCAPE: SEA SCIENCE ON THE CAPE Participants: Rising 10-12

Type of Program: SEASCape-Sea Science on the Cape

Program Dates:

Session I: June 28 – July 15, 2016 Session II: July 19 – August 5, 2016

Website: www.sea.edu

11. SMITH COLLEGE: SMITH SUMMER SCIENCE AND ENGINEERING PROGRAM (SSEP)

Participants: Rising 9th-12th graders

Type of Program: Summer Science and Engineering Program for High School Women

Program Dates: July 10 – August 6, 2016

Website: www.smith.edu/ssep

12. TEXAS A&M UNIVERSITY: VETERINARY ENRICHMENT CAMP

Participants: Rising 11th and 12th

Type of Program: This special summer program is for high school students who have an interest in the field of veterinary medicine. The three-day program will give participants the opportunity to explore the possibilities of veterinary medicine as a career. Participants will live in university dormitories, attend special sessions, and discover the broad diversity of career opportunities available to graduates with a Doctor of Veterinary Medicine degree.

Program Dates: To be determined, see website for details

Website: http://vetmed.tamu.edu/bims/future/veterinary-enrichment-camp

13. UNIVERSITY OF ARIZONA: COLLEGE OF ENGINEERING SUMMER ENGINEERING ACADEMY

Participants: For grades 9-12.

Type of Program: This program "show prospective engineers how an idea becomes reality." Two programs – Interdisciplinary and Major- focused.

Program Dates: Interdisciplinary programs - 3 sessions: To be determined. Website: www.engr.arizona.edu/future/sea

14. UNIVERSITY OF HOUSTON: G.R.A.D.E. (GIRLS REACHING AND DEMONSTRATING EXCELLENCE)

Participants: For rising 9-12.

Type of Program: This is a week-long day program designed to help high school women find out what engineering is all about through hands-on experience; learn about engineering careers. Noto

Program Dates: 2 sessions:

June 13-17, 2016 or June 20 - 24, 2016 Website: www.egr.uh.edu/grade

15. UNIVERSITY MARY HARDEN BAYLOR--EXPLORE CRU NURSING SUMMER CAMP

Participants: CURRENT JUNIORS AND SENIORS.

Type of Program: The UMHB College of Nursing will be offering a summer camp that will provide upper level high school students the opportunity to experience nursing school and college life at UMHB. The summer program will include four facets: academics, spirit and traditions of UMHB, faith and learning, and campus life.

Program Dates: June 12- June 26, 2016

Website: http://undergrad.umhb.edu/nursing/explore-cru-nursing-summer-camp

16. UNIVERSITY OF MARYLAND: DISCOVERING ENGINEERING PROGRAM HET JULIURE PARTICIPANTS: Rising JUNIORS AND SENIORS

Type of Program: This is a one-week residential program in which students learn about the various engineering

disciplines, meet faculty and current students, and experience college life at the University of Maryland.

Program Dates: To be announced Website: www.ursp.umd.edu/summer

17. UNIVERSITY OF PENNSYLVANIA: SUMMER ACADEMY

Participants: Rising JUNIORS AND SENIORS

Type of Program: Rigorous 4-week programs that allow high school students to focus on one area of study. Through a combination of classroom learning and hands-on experience, students complete an advanced curriculum designed to develop new skills.

Program Dates:

Biomedical Research Academy: July 3 - July 23, 2016

Experimental Physics Research Academy: July 3 - July 23, 2016

Website: http://www.sas.upenn.edu/summer/programs/highschool/academies#02

18. UNIVERSITY OF TEXAS (AUSTIN): WELCH SUMMER SCHOLAR PROGRAM

Participants: RISING JUNIORS AND SENIORS

Type of Program: Provides talented Texas students with learning opportunities above and beyond those normally

available in high school science education programs.

Program Dates: June 5 – July 8, 2016

Website: http://www.wssptx.com/index.html

19. UNIVERSITY OF TEXAS (AUSTIN): FIRST BYTES PROGRAM

Participants: RISING JUNIORS and SENIORS (program for girls only)

Type of Program: It is designed to dispel myths about computer science and intrigue young women with the potential of computing and the excitement of problem solving.

Program Dates: June 19 - June 25, 2016

Website: www.cs.utexas.edu/outreach/first-bytes

20. WASHINGTON UNIVERSITY (MO): PRE-MEDICAL INSTITUTE

Participants: Current SOPHMORES and JUNIORS

Type of Program: High School Summer Institutes combine traditional undergraduate class and lab curriculum with organized field trips, guest lectures, and hands-on activities in order for you to gain valuable academic and career experience.

Program Dates: Two sessions Session I: June 19 - July 8, 2016

Session II July 12 - July 17 - August 5, 2016 Website: summerexperiences.wustl.edu/

21. UNIVERSITY OF TEXAS (AUSTIN): MY INTRODUCTION TO ENGINEERING (MITE)

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Participants: Rising JUNIORS AND SENIORS. AFRICAN AMERICAN, HISPANIC, NATIVE AMERICAN, as well as those that may have overcome social or economic hardships are encouraged to apply.

Type of Program: A six- day residential program where you will discover the exciting world of engineering through hands-on experiences and interaction with engineering students, faculty, staff, and alumni.

Program Dates: To be determined

eation Better Future Website: https://www.engr.utexas.edu/eoe/recruitment/mite/apply

22. WORCESTER POLYTECHNIC INSTITUTE: FRONTIERS

Participants: Rising JUNIORS OR SENIORS.

Type of Program: On-campus research and learning experience that challenges students to explore science, math, and

engineering; exploring unsolved problems in these subject areas.

Program Dates: Two Sessions Frontiers I July 10 - July 22, 2016 Frontiers II July 24 - August 5, 2016 Website: www.wpi.edu/+frontiers

23. TEXAS HIGH SCHOOL AEROSPACE SCHOLARS

Participants: CURRENT JUNIORS

Type of Program: NASA wants you to become the engineers, scientists, researchers and innovators of tomorrow. The HAS project offers a one-of-a-kind experience for Texas high school students like you to jump start your future and explore the possibilities of a Science, Technology, Engineering and Mathematics (STEM) related major or career.

Program Dates: November 15- February 2016 for online portion, June- August 2016 on-site portion

Website: http://has.aerospacescholars.org/

24. BlueStamp ENGINEERING SUMMER PROGRAM

Participants: HIGH SCHOOL STUDENTS

Type of Program: BlueStamp Engineering is a summer program for high school students to build projects that they are truly passionate about. It is a 6 week program that runs four hours per day and operates in San Francisco, NYC, Houston, and Denver. BSE also invites guest speakers from various engineering fields and start-up entrepreneurs to provide inspiration for a career in technology.

Program Dates: See website for details

Website: http://bluestampengineering.com/program-details/

FINE ARTS & COMMUNICATIONS PROGRAMS

1. THE UNIVERSITY OF TEXAS AT AUSTIN- AMERICAN BALLET THEATRE SUMMER INTENSIVE

Participants: Intermediate/Advanced Dancers ages 12-18

Type of Program: The University of Texas at Austin became a site for American Ballet Theatre's Summer Intensive program in 2001. The summer intensive program is a four-week session, taught by faculty from American Ballet Theatre and The University of Texas Department of Theatre and Dance.

Program Dates: July 11 - August 5, 2016

Website: http://www.utexas.edu/finearts/tad/summer-youth-programs/american-ballet-theatre-summer-intensive

2. ALFRED UNIVERSITY (NY): SUMMER INSTITUTES IN CREATIVE WRITING CAMP

Participants: Rising 10-12TH GRADERS.

Type of Program: Program for students interested in learning new ways to improve their writing skills. It offers an opportunity to sample life on a college campus, and to meet other students with similar interests and academic ability.

Program Dates: June 26 – June 30, 2016

Website: http://www.alfred.edu/summer/camps/writing.cfm

3. **AMERICAN UNIVERSITY: DISCOVER THE WORLD OF COMMUNICATION** Participants: Grades **9-12** Type of Program: Classes are taught by American University School of Communication faculty and communication professionals. Activities, guest speakers, events, and field trips occur regularly throughout the summer. Past trips include a Washington Post editorial meeting, a Nationals baseball game, a behind the scenes visit to NBC, interviews at National Public Radio, a visit to the Newseum and AFI.

Program Dates: June 27- July 22, 2016

Website: http://www.american.edu/soc/discover/index.cfm

4. BARNARD COLLEGE AND COLOMBIA UNIVERSITY: SUMMER IN THE CITY, A PRE-COLLGE PROGRAM AT BARNARD COLLEGE AND COLUMBIA UNIVERSITY Participants: HIGH SCHOOL STUDENTS Type of Program: Students have the chance to explore NYC and participate in workshops designed to prepare them for the college experience and workplace.

Program dates: June 26 - July 23, 2016

Website: http://barnard.edu/precollege/summer/summerinthecity

5. CARLETON COLLEGE: SUMMER WRITING PROGRAM Participants: Rising SENIORS.

Type of Program: For students who are interested in honing their reading and writing skills. The Summer Writing Program emphasizes a writing process approach, teaching you how to compose academic papers similar to those you will write in college. The program is designed for college-bound students with strong reading and writing abilities.

Program Dates: July 10 - 29, 2016

Website: http://apps.carleton.edu/summer/writing/

6. **CARNEGIE MELLON (PA): PRE-COLLEGE DRAMA** Participants: Rising **JUNIORS AND SENIORS.** Type of Program: The summer Pre-College Drama Program gives students the chance to participate in a professional training program with three options: acting, music theatre and design/technical production. The program focuses on the exploration of a conservatory training program with emphasis on creativity, craft and discipline.

Program Dates: June 27 - August 5, 2016

Website: http://admission.enrollment.cmu.edu/pages/pre-college-drama

7. KENYON COLLEGE: YOUNG WRITERS WORKSHOP Participants: Grades 10 AND 11.

Type of Program: Intensive two-week workshop for intellectually curious, motivated high school students who value writing. The purpose is to help students develop their creative and critical abilities with language—to become better, more productive writers and more insightful thinkers.

Program Dates: Two sessions Session I: June 26 - July 9, 2016

Session II: July 17 – July 30, 2016 Website: http://www.kenyonreview.org/workshops/young-writers/

8. LEWIS AND CLARK COLLEGE: FIR ACRES WORKSHOP IN WRITING AND THINKING

Participants: Grades 9-12

Type of Program: A two-week residency program designed for students who want to strengthen their learning and

communication skills by experimenting with and changing their approach to writing.

Program Dates: To be determined

Website: http://college.lclark.edu/programs/fir acres/campus/

9. OTIS COLLEGE OF ART AND DESIGN (CA) - SUMMER OF ART

Participants: STUDENTS AGE 15 AND OLDER.

Type of Program: This is an intensive, four-week, pre-college program is for individuals 15 and older who wish to study

at one of the top art and design colleges in the country.

Program Dates: July 5- July 29, 2016

Website: www.otis.edu/soa

10. PRATT INSTITUTE: PRE-COLLEGE PROGRAMS Participants: STUDENTS AGE 16-18

Type of Program: Variety of programs offered to allow students the opportunity to explore the possibility of studying art, design, architecture, creative writing, critical and visual studies, or construction management.

Program Dates: See website for details

Website: https://www.pratt.edu/admissions/applying/pre-college-programs/

11. **SAVANNAH COLLEGE OF ART & DESIGN (SCAD)** Participants: **VARIES BY PROGRAM.** Type of Program: Students choose from 3 program options. SCAD offers summer programs for participants of all ages to pursue art and design disciplines and work alongside peers from all over the world.

Program Dates: Varies by program, check website for details

Website: www.scad.edu/summer

12. SCHOOL OF THE ART INSTITUTE OF CHICAGO: EARLY COLLEGE PROGRAM

Participants: CURRENT SOPHMORES, JUNIORS AND SENIORS

Type of program: Learn to think and work the way contemporary artists and designers do.

Program dates: Four sessions, vary by session, check website for details

Website: www.saic.edu/ecp

13. **SEWANEE UNIVERSITY: YOUNG WRITER'S CONFERENCE** Participants: Grades **9-12** Type of Program: Workshops are

offered in fiction, poetry, and creative nonfiction.

Program Dates: June 26- July 9, 2016 Website: www.sewanee.edu/ywc/

14. UNIVERSITY OF CHICAGO: SUMMER PROGRAM

Participants: HIGH SCHOOL STUDENTS

Type of Program: High School Students may study alongside University of Chicago students in the Undergraduate Course Offerings, which include classes drawn from the standard College curriculum. High school students may also apply for courses that are only open to high school students and are experiential and discussion-based, covering one subject in-depth.

Program Dates: Four sessions, dates vary by session, see website

Website: http://summer.uchicago.edu/

15. UNIVERSITY OF HOUSTON

Participants: Rising 10 - 12th GRADERS

Type of Program: There are five programs of study to available: Architecture, Film, Literature, Art History, and Fiction.

Program Dates: June 12-July 15, 2016 Website: www.wonderworkshouston.org

16. WASHINGTON UNIVERSITY (MO): HIGH SCHOOL SUMMER: YOUNG WRITER'S INSTITUTE Participants: CURRENT 9th TO 12th GRADERS

Type of program: "Explore the many facets of professional and creative writing, including fiction, poetry, literary journalism, memoir, advertising copy, business communication, and promotional prose."

Program Dates: July 8 – July 22, 2016 Website: swi.ucollege.wustl.edu

LEADERSHIP PROGRAMS

1. BARNARD COLLEGE OF COLUMBIA UNIVERSITY: YOUNG WOMEN'S LEADERSHIP INSTITUTE Participants: Rising JUNIORS AND SENIORS Type of Program: A unique opportunity to sample pre-college courses while exploring NYC both in and out of the classroom. The academic foundation of the institute will focus on gender issues, social change, and leadership in the form of a morning class. Program dates: To be determined

Website: www.barnard.edu/pcp

2. BRYANT UNIVERSITY: THE PWC ACCOUNTING CAREERS LEADERSHIP INSTITUTE Participants: Rising AFRICAN AMERICAN OR BLACK AND LATINO/A RISING SENIORS Type of Program: This is a week-long residential program exposing students to accounting and business opportunities and the value of leadership and collaboration. Program Dates: To be determined

Website: http://admission.bryant.edu/admissions/pwc/

- 3. **ECONOMICS FOR LEADERS** Participants: **RISING SENIORS**. Type of Program: These week-long, residential programs provide students (who have just completed their junior year in high school) with an exceptional opportunity to learn important leadership skills and develop an understanding of the "economics way of thinking." Program Dates: Dates vary by state. Program Dates: To be determined Website: http://www.fte.org/student-programs/economics-for-leaders-program/sites-dates/ Website: http://www.fte.org/student-programs/
- 4. **FREE ENTERPRISE LEADERSHIP CHALLENGE** Participants: Rising **10th, 11th, 12th** Type of Program: These are five-day residential programs in which you will learn about entrepreneurship, economics, leadership and ethical decision making.

Program Dates: Four Sessions, See website for dates and locations

Website: www.FELCExperience.org

5. UNIVERSITY OF NOTRE DAME: GLOBAL ISSUES: TOWARD JUST PEACE Participants: RISING SENIORS. Type of

Program: This seminar is a one week exploration of the future challenges facing young Catholic leaders.

Program Dates: July 16 - July 27, 2016

Website: http://precollege.nd.edu/leadership-seminars/

6. **RUNNING START: YOUNG WOMEN'S POLITICAL LEADERSHIP PROGRAM** Participants: **9TH THROUGH GRADUATING SENIORS** Type of Program: This is a nonpartisan program that "introduces high school girls to the importance of women in political leadership." Program Dates: To be determined

Website: http://www.runningstartonline.org/programs/young-womens-political-leadership

DIVERSITY PROGRAMS

- 1. CALVIN COLLEGE: ENTRADA SCHOLARS PROGRAM Participants: Students underrepresented in higher education (AFRICAN AMERICAN, NATIVE AMERICAN, ASIAN AMERICAN STUDENTS, AS WELL AS HISPANIC AND LATINO AMERICAN STUDENTS IN GRADES 9-12) Type of Program: "The Entrada Scholars Program at Calvin College offers racial ethnic minority high school students a "gateway" to the future: the opportunity to experience college learning and living while earning college credit." Program Dates: June 17 - July 14, 2016 Website: http://www.calvin.edu/admin/pre-college/entrada/
- 2. CARLETON COLLEGE: LIBERAL ARTS EXPERIENCE Participants: Rising JUNIORS OF AFRICAN AMERICAN DESCENT OR STUDENTS INTERESTED IN AFRICAN AMERICAN CULTURE. Type of Program: To introduce the strengths of a liberal arts education through an array of courses in science, art, social sciences, and technology

Program Dates: July 3 -July 9, 2016 Website: www.carleton.edu/summer

3. COLLEGE HORIZONS Participants: Rising 11TH AND 12TH OF NATIVE AMERICAN DESCENT Type of Program: This is a pre-college program in which students work with expert college counselors teamed up with college admissions officers Setter Education Better Full in a five-day "crash course."

Program Dates:

Amherst, MA -June 18-24, 2016 Appleton, WI- July 9-15, 2016

Website: http://www.collegehorizons.org/

4. RESEARCH & ENGINEERING APPRENTICESHIP PROGRAM (REAP) Participants: HIGH SCHOOL STUDENTS WHO SELF-TIFY AS ALASKAN NATIVE, NATIVE AMERICAN, BLACK OR AFRICAN AMERICAN, HISPANIC, NATIVE HAWAIIAN OR OTHER PACIFIC ISLANDER (See website for other criteria) Type of Program: Research & Engineering Apprenticeship Program (REAP) is a summer STEM program that places talented high school students, from groups historically underrepresented and underserved in STEM, in research apprenticeships at area colleges and universities. REAP apprentices work under the direct supervision of a mentor on a hands-on research project. REAP apprentices are exposed to the real world of research, they gain valuable mentorship, and they learn about education and career opportunities in STEM. REAP apprenticeships are 5-8 weeks in length (minimum of 200 hours) and apprentices receive a stipend. Program Dates: Application opens January 4, 2016, date of program to be determined.

Sessions will be held in UTEP, University of Houston, Texas Tech University, and Texas Southern University.

Website: http://www.usaeop.com/programs/apprenticeships/reap/

- 5. CORNELL UNIVERSITY: CATALYST ACADEMY Participants: Rising 10TH, 11TH AND 12TH FROM UNDERREPRESENTED **BACKGROUNDS** Type of Program: One week program designed to advance diversity in engineering and its related disciplines. Students from backgrounds critically underrepresented (African-American, or Native American, Latino/a) in the fields of science, technology, engineering, and math are especially encouraged to apply. Program Dates: July 10 - July 16, 2016 Website: www.engineering.cornell.edu/catalyst
- 6. MASSACHUSETTS INSTITUTE OF TECHNOLOGY: MITES (MINORITY INTRODUCTION TO ENGINEERING AND SCIENCE) Participants: RISING 11TH Type of Program: MITES is rooted in MIT's belief in the importance to our nation that minorities and other underrepresented segments of the population pursue higher education and careers in these fields. Program Dates: (Projected) June 11 -July 21, 2016 Website: http://web.mit.edu/mites/www/index.html
- 7. PRAIRIE VIEW A&M UNIVERSITY: INSTITUTE FOR PRE-COLLEGE ENRICHMENT Participants: RISING 10-12 Type of Program: Two- week residential experience designed to prepare students for next school year.

Program Dates: To be determined

Website: http://www.pvamu.edu/pages/1836.asp

8. **FUTURE LATINO LEADERS LAW CAMP** Participants: **HIGH SCHOOL STUDENTS AND GRADUATING SENIORS** Type of Program: The Hispanic National Bar Foundation's (HNBF) mission is to help Hispanics achieve their potential through access to higher education and increase diversity in the legal profession. We seek to create a culture in the Hispanic community where higher education is the expectation rather than the exception.

Program Dates: July 16-24, 2016

Website: http://hnbf.org/programs-partnerships/future-latino-leaders-law-camp/

9. **SEWANEE COLLEGE OF THE SOUTH: BRIDGE PROGRAM IN MATH AND SCIENCE** Participants: Rising **SENIORS** Type of Program: A three-week residential experience in which the mathematics experience is an introductory calculus class and the science is research-oriented and culminates with a multimedia group presentation. Program Dates: Please see website for dates

Website: http://www.sewanee.edu/bridge/

- 10. The UNIVERSITY OF TEXAS AT AUSTIN: McCombs SUMMER HIGH SCHOOL PROGRAMS Participants: Rising JUNIOR and SENIORS (Outstanding African-American, Latino and Native American students, first-generation students, and students who have overcome social or economic hardship are strongly encouraged to apply.) Type of Program: The McCombs Summer High School Programs are free, six-day experiences that offer rising junior and senior high school students the chance to learn and interact with McCombs students, faculty, and corporate representatives. Program Dates: Please see website for details, DYNAMC program dates June 19-24, 2016 Website: http://www.mccombs.utexas.edu/BBA/Academics/Summer-High-School-Programs
- 11. UNIVERSITY OF CALIFORNIA SAN DIEGO: CALIFORNIA STATE SUMMER SCHOOL FOR MATHEMATICS AND SCIENCE (COSMOS) Participants: Rising 9th-12th Type of Program: A 4-week residential summer program for students with demonstrated interest and achievement in math and science. COSMOS at UCSD will place a strong emphasis on technology and engineering, in addition to mathematics and science, and will be administered through the Jacobs School of Engineering. Program Dates: July 10 August 6, 2016
 Website: http://www.jacobsschool.ucsd.edu/cosmos/
- 12. UNIVERSITY OF NOTRE DAME: LEADERSHIP SEMINARS ON: SCIENCE, ETHICS, AND RESPONSILITY; AMERICAN ARTS, POPULAR CULTURE, AND SOCIAL CHANGE, AND GLOBAL ISSUES Participants: RISING 12TH Type of Program: Through a series of integrated themes and experiences, students participate in intellectual discourse and discovery through the lens of Catholic social teaching. Program Dates: July 16 July 27, 2016
 Website: http://precollege.nd.edu/

CAMPUS TOUR PROGRAMS

- 1. **COLLEGE VISITS** Participants: **RECOMMENDED FOR 10-12TH GRADE STUDENTS.** Type of Program: Organizes college tours so that students can see a variety of schools in specific regions including the Northeast, the Middle Atlantic, the Southeast, Washington/Oregon, the Midwest, or Canada.
- Program Dates: Varies by tour. Website: www.college-visits.com
- 2. **PRINCETON REVIEW: COLLEGE DISCOVERY EXPERIENCE** Participants: Rising **JUNIORS AND SENIORS.** Type of Program: College admissions prep program. Program Dates: Varies by program and location Website: www.summerdiscovery.com/

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17. www.northland.edu/Northland/Academics/SummerPr

MISCELLANEOUS SUMMER PROGRAM WEBSITES:

www.goabbeyroad.com/programs.htm 18. www.outreach.hawaii.edu/summerscholar/default.asp 19. www.petersons.com/summerop/code/ssector.asp www.brynmawr.edu/summerprograms 2. www.bu.edu/summer 20. www.sailcaribbean.com 3. www.csocollegecenter.org/programnp.aspx 21. www.sas.upenn.edu/cgs/highschool/precollege.php www.educationunlimited.com 22. www.sce.cornell.edu/sc/index.php 6. www.baylor.edu/SOE/CCLE 23. www.academictreks.com 24. www.studenteducationprograms.com www.4starcamps.com 7. 25. www.summercollege.honors.udel.edu/index.html www.texasbrigades.org 8. 9. www.gobroadreach.com 26. www.summerdiscovery.com Better Educat 10. www.ithaca.edu/summercollege www.summer.harvard.edu 11. www.jhu.edu/summer 28. www.summersearch.org/about/program.aspx 12. www.k12summer.ua.edu 29. www.tasis.com 13. www.marist.edu/summerinstitutes 30. www.usperformingarts.com 14. www.nextstepchina.org 31. www.ussportscamps.com 15. www.nsliforyouth.org 32. www.mccombs.utexas.edu/BBA/prospective/High-16. www.ngstudentexpeditions.com School-Summer-Programs.aspx

33. www.walkingtree.org

34. www.yfu-usa.org