Dear Students and Parents,
The following is a list of summer opportunities for the 2015. I will update periodically. The websites will provide a more complete description of the programs offered including the age requirements, application procedures, and deadlines. Please feel free to e-mail me with any questions.

Kathy Frazier
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OHIO


CLEVELAND INSTITUTE OF ART PRE-COLLEGE PROGRAM is available for current freshmen, sophomores, or juniors to earn college credits, experience college life, study with professional artists and designers, learn about careers in art and design, meet with a CIA admissions counselor and build your portfolio. The program offers a two-week in depth coverage of one of the following: Animation, Biomedical Art: Anatomy for the Artist, Fashion + Jewelry + Accessories, Foundation in Art + Design, Game Design, Glassblowing, Graphic Design, Illustration, Industrial Design, and The Poetry of Painting. The camp runs from July 12 to July 25, 2015. Deadline: May 1, 2015. Website: http://cia.edu/continuinged

DENNISON UNIVERSITY JOHNATHAN R. REYNOLDS YOUNG WRITERS WORKSHOP – June 14-21, 2015 current sophomores, juniors, and seniors can participate in a weeklong residential camp in a program that brings the discipline of a professional writers’ conference to high school writers. Sessions in the student’s genre of choice are supplemented by individual conferences with faculty and structured writing time. Cost: $1,300. Deadline: March 2, 2015. Website: reynolds.denison.edu

-DEVRY’S PASSPORT 2 COLLEGE PROGRAM- For current sophomores or juniors with a minimum GPA of 2.5 who would like to earn college credits before high school graduation. Courses to be offered include Business, Math, Psychology and English. There is no charge for tuition. Classes will meet for 5 weeks beginning in early July and ending in mid-August. Deadline: June 1, 2015. For more information, visit www.DeVry.edu/passport2college or call 257-4600.

-ECONOMICS for LEADERS WITH FOUNDATION FOR TEACHING ECONOMICS- A program for current sophomores and juniors. Economic professors and leadership instructors lead classes that introduce participants to economics principles and leadership theories. Creative decision-making simulations in which students apply the concepts learned in the classroom as they participate in fun and challenging activities follow these sessions. Students in the program receive college credit. There are various locations around the US, but the location closest to Bishop Hartley is the College of William & Mary in Virginia and will be held July 12-19 at a cost of $1000. Deadline: March 2, 2015. Website: http://www.fte.org/student-programs/economics-for-leaders-program2

-FURMAN UNIVERSITY – SUMMER SCHOLARS – Take part in lectures, discussions, debates, lab research, field trips and group projects. Get a taste of college life! Two sessions are available: July 5-11 and July 12-18. One-week session is $1200 and Two weeks sessions are $2200. Application deadline is May 1, 2015. Visit furman.edu/admission for further information. For current juniors and seniors.

-HIRAM COLLEGE- Faculty and students participate as mentors and teachers in summer academies, giving high school students an exposure to and preparation for college-level academics. The academies include Science & Technology (Bio innovation Institute June 24-27, 2015 & Robotics July 6-9, 2015), Writing and the Arts (Emerging Writers Workshop June 24-27, 2015, Fine Arts Workshop July 6-9, 2015 & Institute of Theatre July 15-18, 2015) and Leadership (Crisis simulation July 13-16, 2015). Registration deadline varies. Cost: $325 for rising sophomores, juniors and seniors. For application and more information, go to www.hiram.edu/summerathiram
-KENYON COLLEGE - YOUNG WRITERS- A workshop in writing for high-school students (ages 16-18). It will be held on the campus of Kenyon College in Gambier, Ohio. There are two sessions – June 28-July 11, 2015 and July 19-August 1, 2015. There is scholarship money ear-marked for Columbus Residents. Cost: $2,275. Deadline: March 1, 2015 Website: http://www.kenyonreview.org/workshops/young-writers/

-MIAMI UNIVERSITY JUNIOR SCHOLARS PROGRAM- For academically talented high school juniors who want to learn about university life and earn college credit early. It is also a chance to explore an area of academic or career interest. Students will participate in a special program of recreation, seminars, and social events. Students who participate in this program will automatically be accepted to Miami for college. There will be two sessions July 5-17, 2015 and July 19-31, 2015. Application will be available Spring 2015. Cost depends on the number of credit hours taken. Website: www.units.muohio.edu/jrscholars:

-MUSKINGUM UNIVERSITY HIGH SCHOOL SUMMER MUSIC THEATER CAMP- Dates not available as of January 2015. Freshmen, sophomores, juniors, and seniors are eligible for this intense week of musical activities including daily movement classes, acting, singing, recreation, master classes, voice lessons, scenes performance, and fun. This camp is designed for 30-35 students so everyone receives individual attention. A $50 deposit, letter of recommendation, and CD/DVD with two contrasting selections should be submitted with the application. Website: http://www.muskingum.edu/dept/music/camp.html

-NATIONAL COMPUTER CAMP AT BALDWIN COLLEGE- June 14-19, 2015. Learn aspects of computer programming. Various program options and dates. 203-710–5771. www.nccamp.com or info@nncamp.com

-NATIONWIDE CHILDREN’S HOSPITAL - MECHANISMS OF HUMAN HEALTH AND DISEASE- A summer program for juniors who have completed biology and chemistry and have a high GPA. Classes are held at Nationwide Children’s Hospital Education Center on Monday and Thursday evenings from June 15 – July 27, 2015 between 5:30-9pm. Mechanisms is a fast-paced, in-depth program designed to challenge the serious science student who is interested in medicine or medical research. Students will investigate cancer and other disease topics. Deadline: March 27, 2015. Cost: $100. Website: http://www.nationwidechildrens.org/mechanisms-of-human-health-and-disease

-NATIONWIDE CHILDREN’S HOSPITAL – SHADOWING AND LECTURE SERIES- NCH has two opportunities of high school students who are age 14 or higher and are interested in a medical career. For more info on shadowing: http://www.nationwidechildrens.org/student-shadowing-application for more info and to view the variety of Young Scientist lecture videos: http://www.nationwidechildrens.org/young-scientist-series

-OBERLIN COLELGE FORESIGHT PREP- A national/international summer, experiential learning program dedicated to equipping the next generation of sustainability-focused leaders with the skills, knowledge and relationships to ensure success. Participants are introduced to fresh sustainability insights, develop as leaders, and become part of an ongoing network to support their future education and career paths. For summer 2015, three groups of 18 students will become social impact researchers, interviewing experienced practitioners and synthesizing their findings into a report and presentation addressing the future of one of the three urgent issues — Business (June 21 - July 4, 2015), Food (July 5 - 18, 2015), and Essential Resources (July 19 - August 1, 2015). Cost: $3,425. Deadline April 15, 2015. For more information: http://www.foresightprep.org

-OHIO BUSINESS WEEK- June 21 - 27, 2015 at Ohio Dominican University is designed to teach high school freshmen, sophomores, juniors, and seniors the inside story on business operations and the principles of our free enterprise system. The advisors and discussion leaders for this program are prominent business people from large and small businesses around the state. Applicants must have a cumulative GPA of 2.5 or higher. Deadline: April 30, 2015. Financial aid is available for families that cannot afford the full $350 commitment fee. Website: www.ohiobusinessweek.org to download 2015 application: http://origin.library.constantcontact.com/download/get/file/1101424782059-333/OBW+2015+Student+Application.pdf
-**OHIO FOREST AND WILDLIFE CONSERVATION CAMP**- June 7-12, 2015. The camp is held annually at FFA Camp Muskingum and is open to students who are at least fifteen years of age. Situated on Leesville Lake in the beautiful rolling hills of Carroll County, campers have the opportunity to learn first-hand about Ohio’s forests and natural resources. The cost is typically less than $300. Many campers receive financial assistance from a sponsor. If a camper cannot find a sponsor, the Ohio Forestry Association, Inc. is happy to help link campers to sponsors. Cost: $325 before May 1 and $375 after May 2. For more info and to apply: [http://www.ohioforest.org/?page=ForestryCamp](http://www.ohioforest.org/?page=ForestryCamp)

-**OHIO LAKE ERIE LABORATORY**- Dates vary depending on course. This biological field station, F.T. Stone Laboratory on Gibraltar Island at Put-in-Bay, Ohio offers hands-on courses (meet daily for one week) for high school students who have completed a high school biology course. Students can earn 3-quarter hours of college credit. For more info call: 614-292-8949 or [http://stonelab.osu.edu/courses/intro/4](http://stonelab.osu.edu/courses/intro/4)

-**OHIO NORTHERN UNIVERSITY SUMMER HONORS INSTITUTE**- Freshmen, sophomores and juniors who meet the “gifted” guidelines can apply. This year’s institute includes 17 in-depth courses, each runs one week. Students may sign up for more than one week. One session usually is Chemistry, Design: Think. Know. Do, Forensic Science (Basic) Human Anatomy Exploration with Histological Techniques, Medicinal Herbs, Mock Trial, Multimedia, Pharmacy, and Theatre. The second session focuses on Astronomy and Physics, Biochemistry, Cryptography, Engineering Pathways, Environmental Science, Exercise Physiology and Sports Science, Forensic Science (Advanced), Mock Trial (offered both weeks), and Technology – HOT. For more info: [http://www.onu.edu/academics/summer_academic_and_honors_institute](http://www.onu.edu/academics/summer_academic_and_honors_institute)

-**OHIO STATE - ACCOUNTING CAREERS AWARENESS PROGRAM** - June 14-29, 2015 An innovative career-development program designed specifically for minority students who are sophomores and juniors in high school. During the week-long campus residency program, students have the opportunity to explore careers in accounting and business. The Fisher College of Business on the campus of O.S.U. ACAP-Ohio is a fully supervised, all expenses paid program. Application available January 2015. Website: [http://www.ohiocpa.com/quick-links/the-ohio-cpa-foundation/diversity-efforts/acap](http://www.ohiocpa.com/quick-links/the-ohio-cpa-foundation/diversity-efforts/acap)

-**OHIO STATE - ENGINEERING SUMMER EXPERIENCE**- The program for freshmen, sophomores and juniors is titled Engineering Through Robotics. 32 students will be both introduced to the fundamentals of engineering and immersed in a robotics experience. This is a residential program. June 22 – June 27. For more details, go to [https://engineering.osu.edu/programs/k-12](https://engineering.osu.edu/programs/k-12) and follow the Summer Experience link [http://fes.osu.edu/ese/](http://fes.osu.edu/ese/).

-**OHIO STATE - MD CAMP** An intensive, three-week summer day camp experience that introduces participants to the rigors of medical school. MD camp is open to juniors, seniors and recent high school graduates who are interested in pursuing health science careers and who come from a race/ethnicity that is underrepresented in medicine (Black/African-American, Mexican, Puerto Rican, and American Indian) or from disadvantaged (low-income) backgrounds. Applicants normally have a cumulative GPA of at least a 3.0 and a math and science GPA of 3.3 or better. June 15 – July 2. Cost: $700.00. Website for updated info: [http://medicine.osu.edu/students/diversity/programs/md_camp/Pages/index.aspx](http://medicine.osu.edu/students/diversity/programs/md_camp/Pages/index.aspx)

-**OHIO STATE - “Pills, Potions, and Poisons”** A weeklong day camp for freshmen, sophomores, and juniors hosted by OSU’s College of Pharmacy. This pharmacology course will investigate the science of drug action through a variety of approaches including discussion, debate, games, laboratory visits, field trips, and hands-on experiments. For more information go to [http://pharmacy.osu.edu/outreach/pills-potions-and-poisons](http://pharmacy.osu.edu/outreach/pills-potions-and-poisons)

-**OHIO STATE- ROSS MATHEMATICS PROGRAM** - June 14-24, 2015. An intensive summer experience for ambitious high-school students (14 to 18 years old) and is designed to encourage motivated 5 pre-college students to explore mathematics. During those six weeks, students are immersed in a world of mathematical discovery. Cost $3,000. Deadline: May 1, 2015. Website: [http://u.osu.edu/rossmath/](http://u.osu.edu/rossmath/)
-**OHIO STATE - SUMMER INSTITUTE for DIVERSITY in NURSING** - A four-day interactive program for current sophomores and juniors. Applicants must have a minimum cumulative GPA of 3.0 and a B+ or better average in math and science. This hands-on program enables students from historically underrepresented populations in nursing, including Black/African American, Native American, Asian, Hispanic and male, to explore nursing careers. Tuition is $250. However, full or partial scholarships are available. For more info: [www.nursing.osu.edu/SIDN](http://www.nursing.osu.edu/SIDN)

-**OHIO STATE - SUMMER LINGUISTICS INSTITUTE FOR YOUTH SCHOLARS** - A one-week program (July 12-17, 2015) or (July 19-24, 2015) designed for high school students who are interested in the study of language. The program teaches students how to make “exotic” sounds from other languages, why people speak in accents, the cultural differences expressed in language, how languages differ in terms of sounds, writing systems, the meaning and structure of words and sentences, and much more! Cost: $695 residential program, $395 commuter program. Need based financial aid available. Deadline: May 30, 2015. For more info and to apply: [www.linguistics.osu.edu/SLIYS](http://www.linguistics.osu.edu/SLIYS)

-**OHIO STATE - SUMMER ENGINEERING ACADEMY** - The Engineering Summer Academy is a three-week program consisting of 56 hours of classroom and laboratory instruction (Monday through Friday). Students are expected to devote their study hours to the mental discipline of a concentrated academic experience. The academic experience includes problem solving and introduction to computer systems, primarily CAD. The course includes methods of problem solving, design documentation, three-dimensional orthographic and pictorial visualization and presentation, and experience in conducting experiments in three engineering laboratories. To be selected for this program, students must have completed their junior year in high school. Additionally, it is recommended that students rank in the top 10 percent of their high school classes and show strength in mathematics as demonstrated by the PSAT. For more information and an application, please contact Frank Croft, 240 Hitchcock Hall, 2070 Neil Avenue, Columbus, OH 43210-1275; 614-292-6230. Deadline: To be determined. Website: [http://undergrad.osu.edu/academy/additional.html](http://undergrad.osu.edu/academy/additional.html)

-**OHIO STATE - WIE RACE (REACHING A CAREER IN ENGINEERING)** - A six-day, residential summer program for current freshmen and sophomores men and women. Students need to have a minimum 3.75/4.0 GPA and have a minimum B+ in all math and science classes. The cost is $350. A limited number of scholarships are available to students who have a demonstrated financial need. Dates unavailable 1/5/15. If you'd like to be added to the interest list for WIE RACE 2015, contact WIE at wieoutreach@osu.edu. For more info: [https://wie.osu.edu/wie-race](https://wie.osu.edu/wie-race)

-**OHIO STATE - WIE RISE (WOMEN in ENGINEERING)** - July 12- 17, 2015 A six-day residential summer program for current sophomore and junior women is designed to introduce students to Ohio State’s undergraduate engineering majors and related career fields. Female students need to have a minimum 3.75/4.0 GPA and a minimum B+ in all math and science classes to apply. Cost: $400. A limited number of scholarships are available to students who have a demonstrated financial need. Deadline: March 9, 2015. Available spots will fill quickly so students are encouraged to apply ASAP. Website: [https://wie.osu.edu/wie-rise6](https://wie.osu.edu/wie-rise6)

-**OHIO SUPERCOMPUTER CENTER SUMMER INSTITUTE** - June 14-26, 2015 A two-week residential program for freshmen, sophomores and juniors who are high achieving students who like science, engineering, mathematics or computers. The program provides project-based, hands-on learning by working in small peer teams, the students use supercomputers for practical applications such as solving complex science and engineering problems, conducting network forensics to catch hackers, studying the spread of the bird flu and designing computer games. The location is Ohio Supercomputer Center, 1224 Kinnear Road, Columbus. Cost: $500. There are no tuition fees or charges for materials. Deadline: April 21, 2015. Website: [https://www.osc.edu/education/si](https://www.osc.edu/education/si)

-**OHIO UNIVERSITY’S SUMMER HONORS ACADEMY** – program designed for current freshmen, sophomores and juniors who are looking for an extra opportunity to further their learning. This program allows high-achieving students (minimum 3.25 GPA) to get a taste of college life by taking college classes for credit over a four-week session. You can live on campus or commute from home. For more summer programs and info: [http://www.ohio.edu/scholars/](http://www.ohio.edu/scholars/)
-OHIO UNIVERSITY HIGH SCHOOL JOURNALISM WORKSHOP – July 15-18, 2015. Juniors or seniors with at least a B average will take part in a flexible multimedia journalism curriculum, attend general session discussions on journalism trends, legal issues, and careers, receive feedback from award winning faculty and professional journalists on their scholastic publications and productions, work as part of a team to report and produce news as part of a converged newsroom, earn one hour of college credit and develop contacts that last a lifetime. Registration info will be available March 1, 2015. Website: http://scrippsjournalism.org/hsjw/

-OTTERBEIN UNIVERSITY- ESSEX CAMP - Sunday June 14 - 20, 2015. The 2015 Martin W. Essex School for the Gifted and Talented offers current sophomores and juniors opportunities for career exploration through a unique program comprised of classes, seminars and workshops on the arts, sciences and humanities. Taking place in multiple venues throughout Otterbein’s campus, this residential program encourages social interaction and peer discussion so that students can be challenged intellectually and artistically and develops a better understanding of the role of their abilities and talents in their lives and in society. Cost: $650. Deadline: March 1, 2015. For more info and to download the application go to: http://www.otterbein.edu/essex

-OTTERBEIN UNIVERSITY - GO LEAD ACADEMY - June 7 - 11, 2015. For five days and four nights, current 9th-11th grade girls, will participate in innovative, interactive sessions focused on enhancing advocacy skills, exploring college and career opportunities, and actively planning a Take Action project to effect community change. The program is for all girls who are passionate about creating 7 changes whether current Girl Scouts or not. The cost is $350 and partial financial aid is available. Complete application and submit the Academy Recommendation form. Deadline: March 2, 2015. For more information and to download applications go to http://gsoh.org/for-girls/events/lead/

-UNIVERSITY OF AKRON – THE SUMMER EXPERIENCE IN ENGINEERING - June 14-19, 2015. This program for high school girls interested in engineering. Each day you will be led by our talented faculty in a hands-on activity, will participate in dynamic tours of local engineering firms, and will enjoy campus-wide activities in the evening. You will also spend the week working as part of an engineering team on an engineering design or research project. Applications: March 1 - 31, 2015. Cost: $475- Residential or $275 Day Camp (June 15-19) Website: http://www.uakron.edu/engineering/beyondthe-classroom/women-in-engineering/outreach-camps.dot

UNIVERSITY OF AKRON – CHINESE SUMMER CAMP- June 15-19, 2015. Explore language, art food, and calligraphy. Grade 7-12.  Cost: $100.00- Residential or $275. Call Nancy Easterly at 330-972-2013 or nee@akron.edu

-UNIVERSITY OF CINCINNATI - MEN IN ENGINEERING AND APPLIED SCIENCE SUMMER CAMP- July 13-17, 2015. Current male freshmen, sophomores and juniors who are interested in math and science. One-week day camp will allow you to develop your creativity as well as provide you with the opportunity to meet and speak with working engineers. Throughout the week, you will also take part in teamwork activities, group projects and sessions to learn about college preparation, approaches to teamwork, professional development, and more. Cost: $250. Deadline: February 27, 2015 Website: http://ceas.uc.edu/future_students/Activities/Summer_Camps.html

-UNIVERSITY OF CINCINNATI – WOMEN IN ENGINEERING AND APPLIED SCIENCE SUMMER CAMP- July 27-31, 2015 Current female freshmen, sophomores, and juniors who are interested in math and science. One-week day camp will allow you to develop your creativity as well as provide you with the opportunity to meet and speak with working engineers. Throughout the week, you will also take part in teamwork activities, group projects and sessions to learn about college preparation, approaches to teamwork, professional development, and more. Cost: $250. Application available: February 16, 2015 and participants are admitted on a first-come first-served basis. Website: http://ceas.uc.edu/future_students/Activities/Summer_Camps.html

-UNIVERSITY OF DAYTON - WOMEN IN ENGINEERING SUMMER CAMP - A residential camp in July for current freshmen, sophomore and junior girls who would like to immerse into the world of engineering through participatory experiments, innovation modules, contact with practicing women engineers, and a day with industry. A limited number of scholarships are available based on financial need only. Registration will be available January 2015. Cost: $650. Check the following link for updated info: https://www.udayton.edu/engineering/k-12-programs/women_in_engineering_summer_camp/index.php
UNIVERSITY OF DAYTON - SUMMER HONORS ENGINEERING CAMP: The camp offers hands-on projects allowing current freshmen, sophomore, and junior students with a minimum GPA of 3.5/4.0 to experience engineering. Students will have the opportunity to use state-of-the-art facilities and interact with faculty and engineering students. Students (freshmen, sophomores, and juniors) need a minimum 3.5/4.0 to qualify. Check the following link for info: https://www.udayton.edu/engineering/k-12-programs/summer_honors_engineering_camp/index.php

UNIVERSITY OF DAYTON - MINORITY ENGINEERING & TECHNOLOGY ENRICHMENT CAMP for YOUNG MEN (METEC): The camp is open to minority juniors who are currently enrolled in a college-preparatory program with a minimum GPA of 3.0. This is a weeklong camp held in June 2015. Registration will be available January 2015. Check the following link for updated info: https://www.udayton.edu/engineering/k-12-programs/metec/index.php

UNIVERSITY OF TOLEDO (SPONSORED BY WALGREENS) PHARMACY SUMMER CAMPS: For juniors who are considering a career in pharmacy or the pharmaceutical sciences. Camp activities will include hands-on activities, laboratory experiences, field trips, group projects, job shadowing, and more. Summer 2015 - Two camps: June 14 – 17 and June 21 – 24. Deadline: April 1, 2015. Cost: $400. Financial assistance is available for students meeting federal free or reduced lunch requirements or ACT/SAT waiver requirements. Website: http://www.utoledo.edu/pharmacy/prospective/summercamp/index.html

WESTERN RESERVE PLAYHOUSE YOUTH THEATRICAL CLASSES: June 14-19, 2015. This program for ages 7 -17 teaches auditioning, vocalization, improve, movement, characterization, teamwork. Opportunities to perform. $150. Various dates. Website: http://www.westernreserveplayhouse.com 330-620-7314

WRIGHT STATE UNIVERSITY SUMMER RESIDENTIAL INSTITUTES: One-week residential programs offered for freshmen, sophomores and juniors. In 2015, the institutes being offered are in Performance Theatre, Engineering, Leadership, Food Science: STEM, Law and Government, Psychology of Persuasion, and Creative Writing - Fiction, and Forensic Science. Registrations are processed on a first-come, first-serve basis. Each program has a limited enrollment. Deadline: Two weeks prior to institute. The cost is about $625. This fee covers all housing, meals, curricular materials, and field trips. Website: http://www.wright.edu/pre-college-programs

XAVIER UNIVERSITY - JUMP START PROGRAM: July 5-18, 2015. Get your first taste of college during this special two-week on-campus program designed especially for high school students! Earn undergraduate college credits in criminalistics or pre-medicine that can be applied to Xavier or other colleges. Cost: $2,350. Partial scholarships available! Deadline: March 1, 2015. Website: http://www.xavier.edu/summer/high-school-programs/jump-start.cfm

Internships

Cleveland Clinic Summer Internship Program
This nine-week summer internship for high school students going into their junior and senior year is designed to increase participating students’ interest in science, literacy, and research by augmenting their learning experiences outside of the classroom. You can download the application from:- www.clevelandclinic.org/civiceducation/science_internships.asp
Deadline has passed.

Cleveland Museum of Art
To apply, candidates should submit a 500 – word essay dealing with what he or she hopes to gain from an internship, in addition to a resume of employment and education; a writing sample not longer than 3 pages in length, and at least one letter of recommendation. High school, undergraduate, and graduate students may submit materials for unpaid internships to internship@clevelandart.org

NASA Glenn Research Center
This site contains information about various educational programs available at the NASA Glenn Research Center including the High School Shadowing Program and the NASA SHARP Program (Mrs. Hicks is our representative for the Summer High School Apprenticeship Research Program See her in January for application forms). Shadowing opportunities are also available at: www.nasa.gov/centers/glenn/education/ShadowingProgram_GRC.html http://www.grc.nasa.gov/WWW/OEP/textintern.htm
Progressive Insurance Summer Internship:
This internship gives you the chance to further develop your technical and communication skills by handling a wide range of responsibilities, maintaining a high level attention to detail and working in a 24X7 environment. You’ll participate in the planning and execution of Enterprise-wide projects with our award winning IT group, known for our innovative approach to technology. You’ll also work closely with an experienced mentor, who will guide you through your development. This is a full time, paid internship.

When: Summer 2015, 12 weeks with flexible start and end dates based on student’s school schedule

SEAP
The Science and Engineering Apprentice Program
The Science and Engineering Apprentice Program (SEAP) provides an opportunity for students to participate in research at a Department of Navy (DoN) laboratory during the summer.

The goals of SEAP are to encourage participating students to pursue science and engineering careers, to further their education via mentoring by laboratory personnel and their participation in research, and to make them aware of DoN Research and technology efforts, which can lead to employment within the DoN.

SEAP provides competitive research internships to approximately 250 high school students each year. Participating students spend eight weeks during the summer doing research at approximately 19 DoN laboratories.
https://www.asee.org/seap/

Senator George Voinovich - Cleveland Office – Graduating Seniors Only
Students have the opportunity to apply for one of five openings at Senator Voinovich’s Cleveland office. This is an unpaid internship and meets one day per week. Please contact call Senator Voinovich’s Cleveland Office directly at 216-522-7095 or contact Mrs. Frazier in room 236.

University of Pennsylvania: Summer Academy in Applied Science and Technology
The school of Engineering offers a unique internship opportunity for a select group of highly motivated and talented high school students to experience rigorous and challenging college level coursework. The Academy’s intensive, three-week programs combine sophisticated theory with hands on practical experience in cutting edge technology.
http: www.seas.upenn.edu/summer
Additional information at: http:www.seas.upenn.edu/saast/

OUT OF STATE

-California -STANFORD PRE-COLLEGIATE STUDIES - Various programs that advance the education of academically talented, intellectually curious, pre-college students. Programs are designed to meet the needs of top students everywhere, ranging from an Online High School, to residential summer programs that let you become a Stanford University student for the summer or that let you dive deeply into your passions, to classes offered online and in-person throughout the year. Dates & Cost: Varies. Deadline: Rolling admission until full. For more information visit: precollege.stanford.edu


-EMORY UNIVERSITY – PRE-COLLEGE PROGRAM- Two- and three-week noncredit courses and institutes allow juniors and seniors to explore a topic in depth and engage in an academic subject with leading Emory faculty. Non-credit courses are graded satisfactory/unsatisfactory. Students will receive a certificate of completion, along with a faculty evaluation. Session A: June 21–July 3, 2015, Session B: July 5–July 18, 2015, Three-Week Institute: July 5–July 25, 2015 and Session C: July 19–August 1, 2015 The following are subject areas offered: biology, computer science, economics, business ethics, English, film studies, mathematics, political science, psychology, sociology, and theater/dance. $70 application fee. Cost: $3,730. Deadline: Rolling admission until full. Website: http://precollege.emory.edu/ Illinois

-LOYALA UNIVERSITY CHICAGO SUMMER SCHOLARS PROGRAM – June 30 - August 8, 2015. Students in the six-week academy will challenge themselves as they take classes alongside current college students. Students may choose from any two 100- or 200-level undergraduate courses offered in Loyola’s 2015 Summer Sessions course catalog or a specialized science course. Students can also choose a college-level biology or chemistry course specifically for high-achieving high school students. Past classes have included creative writing, journalism, environmental biology, law and civil rights, ethics, and entrepreneurship. Applicants must possess a solid B average. Cost: Residential- $5,042(1 course) & $7,167(2 courses). Deadline: Rolling admission until full. Website: http://luc.edu/summerscholars/about/ Indiana

-UNIVERSITY OF NOTRE DAME LEADERSHIP SEMINAR is a week-long (July 18 – July 29, 2015) program for academically talented, civic-minded juniors. They will come together to engage in 10 intellectual discourse, spiritual examination and purpose building exercises, as they consider what their generation will give to our diverse world. The University will pay all expenses, including round-trip transportation to Notre Dame. Required non-refundable application fee of $50. All accepted students will be asked to provide a non-refundable fee of $150 to reserve their space. Application Deadline: January 23, 2015. Application for fee waiver (provided only in extreme cases) is due by January 16, 2015. Go to http://precollege.nd.edu/LEADERSHIP-SEMINARS/ for an application. PLEASE NOTE: BISHOP HARTLEY IS PERMITTED TO SEND IN ONLY ONE APPLICATION. THE MOST COMPETITIVE STUDENT WITH RESPECT TO THE SEMINAR GUIDELINES WILL BE SELECTED TO APPLY.

-UNIVERSITY OF NOTRE DAME SEMINARY IMMERSION - June 27 - July 11, 2015. The Summer Seminary Immersion Program is a two-week academic course designed for high school men currently in grades 10 & 11 who are considering a vocation to the Catholic priesthood. The program will help young men deepen their own consideration of God's call through study of Sacred Scripture, the Catholic Tradition, and the experience of what it would be like to enter a college seminary program. Cost: $600. Deadline: February 27, 2015. For more info: http://precollege.nd.edu/seminaryimmersion/

-UNIVERSITY OF NOTRE DAME STUDY ABROAD: ROME, ITALY - June 7 - 20, 2015 New for 2015! This 12-day seminar will introduce students to the history and culture of the Eternal City, with a focus on the built environment. Notre Dame faculty in a range of fields, from art history and architecture to anthropology, will provide students with an immersive experience and guide students in their exploration of this fascinating city. Students will have the opportunity to visit many of Italy's most revered cultural treasures and participate in rich cultural and intellectual exchange. Cost: $6,075. Deadline January 16, 2015. For application and more info: http://precollege.nd.edu/study-abroad/ - UNIVERSITY OF NOTRE DAME SUMMER SCHOLARS for current sophomores and juniors (June 27 – July 11, 2015) This is a special opportunity for academically outstanding high school students to explore their interests in one of the following fields - Abraham Lincoln, Frederick Douglas, and the Remaking of America; American Partisan Politics; Archaeology; The Anthropology of Sports; The Brothers Karamazov; The contemporary church and its evolving mission; debate and public speaking; Entrepreneurship, Problem solving, and Social change; Film production; Gender and Culture; Global health; Law; Life Sciences; Literature; Performing Opera and Musical Theatre; Photography, Psychology; Research computing; and Unlocking Shakespeare through performance. There is a $50 application fee. Deadline: January 30, 2015. The cost is $3,100. Scholarships are available. For more information, including an on-line application, go to http://precollege.nd.edu/summer-scholars/.

-UNIVERSITY OF NOTRE DAME CAREER DISCOVERY PROGRAM IN ARCHITECTURE is designed for students (sophomores, juniors and seniors) who have the desire and interest to learn about the study of architecture while experiencing campus life at the University of Notre Dame. Dates are June 14-26, 2015. Registration begins February 2, 2015. Space is limited and available on a first-come, first serve basis. The cost is $1900. For more info and register online at: architecture.nd.edu/careerdiscovery11
-PURDUE UNIVERSITY – SEMINAR FOR TOP ENGINEERING PROSPECTS (STEP) - Two sessions: July 12-17, 2015 and July 19-24, 2015. Juniors can apply. Applicants are selected on a competitive basis. This seminar provides students the opportunity to explore various engineering disciplines and job functions. Tours, demonstrations, classroom experiences, and projects are all designed to help students learn about engineering and gain a first-hand sense of what college life is all about. The cost is $1,160 for early applicants (before January 31), $1,210 for regular registration (before April 30) and $1,260 for late registrants (after April 30) Need based scholarships are available. Deadline: Rolling admission until full. Website: https://engineering.purdue.edu/STEP

-PURDUE UNIVERSITY – GIFTED EDUCATION RESOURCE INSTITUTE (GERI) SUMMER CAMPS- June 28 - July 11, 2015 or July 12 -25, 2015. Enrichment programs for gifted and talented youth that have completed grades 5-12. Students are grouped by age; Pulsars (grades 9-12). Subjects include but are not limited to math, science, genetics, forensics, etc. Costs per two-week sessions $1,950. Financial aid is available. Minimum eligibility requirements are 90th percentile in math and reading achievement tests, possess an IQ of 120 or higher, or possess a B+ grade average or higher. Deadlines depend on specific session. Website: www.purdue.edu/geri

-SAINT MARY’S COLLEGE NOTRE DAME, INDIANA – Various summer programs for young women (freshmen, sophomores, and juniors) to introduce them to the academic experience and thrill of college life. These camps are designed for motivated students who are interested in academic studies, cultural pursuits, and an experiential immersion in a specific academic discipline. Three weeks of in-depth study and field trips are offered. Deadline: April 1, 2015. Website: https://www.saintmarys.edu/camps Kentucky

-EASTERN KENTUCKY UNIVERSITY “PLANNING TO WIN” SUMMER TRANSITIONS PROGRAM - June 17 - 19, 2015. The program is uniquely designed for high school juniors and seniors with learning difference, attention deficit disorder and other mild cognitive disorders who are planning to attend a post-secondary setting (college, vocational, community & technical schools). Cost $10. Call 859-622-2933 for more information and to apply. Maryland

-UNITED STATES NAVAL ACADEMY SUMMER SEMINAR – May 30-June 4, June 6-11, or June 13-18, 2015. Current juniors can visit the Naval Academy for one week. Students will experience all aspects of the Naval Academy including the academic program, physical training, and midshipman life. Access: www.usna.edu for additional information and an application. Deadline: March 31, 2015. The cost is $450. Application will open January 15, 2015. Website: http://www.usna.edu/admissions/nass.htm Massachusetts

-BOSTON UNIVERSITY PROMYS Program (Mathematics for Young Scientists)- June 28 – August 8, 2015. A six-week residential program open to freshmen, sophomores, juniors and seniors who have an exceptionally strong interest in mathematics. Need-based financial aid is available. PROMYS is dedicated to the principle that no student will be unable to attend because of financial need. Cost and deadlines unavailable as of 1/5/15. Website: www.promys.org

-BOSTON UNIVERSITY NEW ENGLAND FOR INVESTIGATIVE REPORTING WORKSHOP – Session 1: June 29 – July 10, Session 2: July 13 – July 24, or Session 3: July 27 – August 7, 2015. Nearly 100 students from 23 states and 6 countries will participate in seminars and work alongside BU faculty and award-winning local and national journalists on investigative stories that could be published on the center’s website or in regional and national publications. The camp is designed for high school students (grades 9-12) who are interested in investigative reporting, journalism, or writing. Cost: $2,200. Registration is closed when full. Website: http://studentprograms.necir.org -SMITH COLLEGE- PRECOLLEGE PROGRAMS FOR HIGH SCHOOL GIRLS - open to academically talented girls who will enter grades 9, 10, 11 and 12 in fall 2015. Students are selected based upon academic performance in middle or high school, a written essay and a teacher recommendation. The following programs are offered with the specific dates and fees that cover the costs of all organized program activities, housing, meals and class field trips: Science and Engineering Program July 5-August 1 $5,500; Young Women’s Writing Workshop July 5-18 $2,825; Discovering Women’s History July 5-18, $2,825; Field Studies for Sustainable Futures July 5-18 $2,900; and NEW! College Admission Workshop July 19-25 $1,650 ($1,400 if taken with another 2015 program). Website: www.smith.edu/summer Michigan
-KETERING UNIVERSITY - LITE (Lives Improved Through Engineering) - July 19 - 31, 2015. A summer program in Flint, Michigan for girls who are finishing their junior year. The program introduces what an engineer does and how their work utilizes math, science, and technology to improve people’s lives. The topics that are covered are vehicle collision analysis and occupant protection, biomechanics, biochemistry, and engineering for a sustainable society. Cost: $1,000. Deadline: April 24, 2015. Website: http://www.kettering.edu/admissions/undergraduate-admissions/pre-collegeprograms/lite-lives-improve-through-engineering13 Minnesota

-CARLETON COLLEGE – SUMMER ACADEMIC PROGRAMS - Carleton College's summer programs invite you to develop skills and challenge yourself academically in a rigorous but supportive learning community during week-long summer programs for 50 selected African American students during the summer. The programs include: Liberal Arts Experience (July 5-11, 2015), Summer Writing Program (July 5-24, 2015), Summer Science Institute (July 12- 31, 2015 or July 19 - August 7, 2015), Summer Quantitative Reasoning Institute (July 12 - 31, 2015), Summer Computer Science Institute (July 19 - August 7, 2015), Summer Language and Global Issues Institute (July 5 - 24, 2015), and Summer Humanities Institute (July 26 - August 14, 2015). Website: http://apps.carleton.edu/summer/programs/

-CONCORDIA LANGUAGE VILLAGES - A language and cultural immersion program that prepares young people for responsible citizenship in our global community. The program offers Arabic, Chinese, Danish, English, Finnish, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Russian, Spanish and Swedish. One of the programs is a high school credit experience that covers the equivalent of one year of high school world language in four weeks of intensive instruction. Website: http://www.concordialanguagevillages.org/youth-village-life Missouri

-WASHINGTON UNIVERSITY IN ST. LOUIS, SUMMER SCHOLARS PROGRAM Session A: June 7 - 11, 2015 and Session B: July 12-August 14, 2015. As a high school participant in this selective five-week program, enroll in two undergraduate courses taught by Washington University faculty and study alongside college students. Select from a broad range of stimulating introductory undergraduate courses in the humanities, math, sciences, and social sciences, or choose from our suggested pre-professional course options, designed to jump start your exploration of a specific area of interest or possible career path. The credit you earn can be transferred to most accredited colleges or universities. Cost: $7475 for the Residential or $4875 for Commuter. Deadline: May 1, 2015. Website: http://summerexperiences.wustl.edu/scholars

-WASHINGTON UNIVERSITY IN ST. LOUIS, HIGH SCHOOL SUMMER INSTITUTE - Summer institute programs offered to sophomores, juniors, and seniors in the areas of global leadership, pre-engineering, pre-medical, research, and writing. Students must have a B+ average or higher and either a combined score on the SAT of 1800 (PSAT 180) or ACT or Plan composite of 25. Cost of programs: Pre-Medical and Pre-Engineering Institutes- $5185, Writing, Global Leadership, Ancient Discovery, and Environmental Studies & Sustainability Institutes- $3585, and Young Leaders Institute- $2085. Deadline: April 1, 2015. Website: http://summerexperiences.wustl.edu/

-WASHINGTON UNIVERSITY IN ST. LOUIS PRE-COLLEGE PROGRAMS – students passionate about art or architecture can develop skills that are fundamental to these fields while producing work in a real studio under the guidance of WUSTL faculty. Architecture Discovery Program is July 12-25, 2015. Portfolio Plus Program is July 12-August 1, 2015. For more information on application and deadlines see the following website: http://samfoxschool.wustl.edu/summer-programs14 New York

-BENARD COLLEGE – PRE-COLLEGE PROGRAM offers 4-week and 1-week programs that allow high schools students to choose from an array of subjects including writing, literature, art, theater, film studies, psychology, architecture, religion, political science and more. Summer in the City (coed) is June 21-July 18, 2015. Liberal Arts Intensive (coed) is July 5-11, 2015. Young Women’s Leadership Institute is June 21-29, 2015. Dance in the City (coed) is July 5-15, 2015. Summer Science Seminar is June 21 - July 18, 2015. Entrepreneurs-in-Training is June 21 - July 1, 2015(in partnership with Columbia University). Website: http://barnard.edu/precollege THE PRATT INSTITUTE PRE-COLLEGE SUMMER PROGRAM – July 6 - 31, 2015. An art school in Brooklyn New York, this school offers a summer program for students, at least 16 years old, consisting of two courses that are college credit-bearing, and two non-credit, pass/fail courses designed to supplement the core curriculum. Some examples of courses offered are: architecture, graphic design, photography, interior design, jewelry/metal arts, fine arts/paining and drawing, etc. Students ages 16 and over are eligible. Application fee of $40. Tuition fees are approximately $3,000 with housing and transportation fees of $1,600 for residential students. Website: https://www.pratt.edu/academics/continuing-education-and-professional/pro-creditprograms/precollege/summer-programs/
UNIVERSITY OF PENNSYLVANIA – SUMMER ACADEMY IN APPLIED SCIENCE and TECHNOLOGY -
July 5 - 25, 2015. Freshmen, sophomores, and juniors take your interest in science and math to the next level and apply it to cutting-edge technology in biotechnology, computer graphics, computer science, nanotechnology, or robotics at the University of Pennsylvania. Every SAAST course carries college credit from Penn, and includes exciting site visits to industry and government. Priority deadline is March 16, 2015. Deadline is May 18, 2015. The application fee is $75. The cost of the program is $7,375. Website: www.seas.upenn.edu/saast15

WAYNESBURG UNIVERSITY - CSI SUMMER CAMP - June 21 - 26, 2015. A 6-day, 5-night experience for juniors or seniors to study with professionals from various fields including state and federal agencies, and experts in forensic science. Learn about fingerprints, trace evidence, expert testimony, and much more. Cost and deadlines unavailable as of 1/5/15. Website: http://info.waynesburg.edu/CSI-Camp/

CARNEGIE MELLON UNIVERSITY – PRE-COLLEGE PROGRAMS - June 27 – August 8, 2015 Programs are open to junior and seniors in the following fine arts: architecture, art & design, drama, music and National High School Game Academy (explores the video game industry). Deadline: May 1, 2015. More info: http://admission.enrollment.cmu.edu/pages/pre-college South Carolina

FURMAN SUMMER SCHOLARS - Two sessions: July 5-11, 2015 or July 12-18, 2015. Junior or seniors should have a 3.5 GPA and higher, an interest in liberal arts and sciences, significant involvement in extracurricular activities, demonstrated leadership, and one of the following test scores PSAT of 120+, SAT score of 1200+, or ACT of 26+. Cost: $1,200. Deadline: May 1, 2015. Website: http://www.furman.edu/admission/EngageFurman/SummerScholars/Pages/default.aspx Washington, DC

GEORGE WASHINGTON UNIVERSITY – SUMMER IMMERSION PROGRAM - Two session: Session I July 5 - 17, 2015 and Session II July 19 - 31, 2015. Opportunities for freshmen, sophomore, and juniors include non-credit (Summer Immersion) and credit programs (College Intensive). Topics in the past have included Academic Writing, Politics, Broadcast Journalism, Business, Psychology, Intro to Biomedical Engineering, Sustainability, Robotics, Crime Scene Investigation, and U.S. Foreign Policy. Cost: $2,000-$7,100. Deadline: May 15, 2015. Website: http://precollege.gwu.edu/summer-immersion

Variety of Schools LEAD (LEADERSHIP EDUCATION AND DEVELOPMENT) is offered for upcoming juniors and seniors. This program helps African American, Hispanic, historically underrepresented Asian American and Native American students with outstanding academic performance and leadership skills to pursue careers in business, engineering, computer science, and SGI Global. This three-week program usually takes place in June or July. Some of the hosting schools include: Dartmouth College, Cornell University, Duke University, Northwestern University, and more. Deadline: February 5, 2015. Website: www.leadprogram.org