

2017

Academic Summer Enrichment Programs



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LEADERSHIP

NOTRE DAME LEADERSHIP SEMINARS

Our goal is to offer a real life college experience that enhances your academic, social and leadership skills.

Program Dates: July 15 – July 26, 2017

Admission and Application Fees:

The application deadline is January 30, 2017. However, enrollment is limited and early application is advisable. All applicants will be notified of decisions by (postmarked) April 15, 2017. If you are accepted into this special program, all expenses—including transportation to and from Notre Dame—will be paid by the University. One college credit will be offered to all participants upon completion of the program.

Required fees include a non-refundable \$50 application fee to be submitted at the time of application and a \$150 non-refundable confirmation fee to be submitted at the time of acceptance into the program.

Questions?

The Pre-College staff welcomes your questions and concerns and hopes to assist you through the application and admission process. You may call us at 574-631-0990 or e-mail: precoll@nd.edu.

Application Requirements and Instructions:

In order to make your application process as smooth as possible, please read the following information carefully and thoroughly. It covers Eligibility, Application Process, Deadlines and Decisions.

Eligibility

- Cultural, economic, geographic and ethnic diversity are goals of the selection process.
- You must be a high school student who will enter their senior year fall of 2017 who plan to attend college immediately after high school.
- Academics: Accepted students are historically in the top 10% of their class, having pursued the most rigorous curriculum offered in their high schools.
- Standardized Tests: Historically, the mid-range of SAT scores is 1300-1500 (math + critical reading).
- A TOEFL score is required for International applicants
- Leadership: Demonstrated leadership abilities in school, church, community, and/or social organizations.

Interested students must submit an online application, a high school transcript, SAT, ACT, PLAN or PSAT scores, a counselor report and a letter of recommendation from a current high school teacher.

Please have the following 5 items prepared before you begin your application process:

1. Rank the 3 seminars offered in order of preference
2. School Counselor name and email address*
3. High school recommending teacher's name and email address*
4. An electronic copy of your standardized test scores (*you may scan a copy of your score report and upload it in the online application when instructed to do so*) [click here for instructions on scanning and uploading score reports](#)
5. Major credit card

*Supplemental documentation is required to complete your application. Our office will contact your counselor for a transcript & counselor report and your recommending teacher for your recommendation. *Please speak to your recommending teacher for authorization before you begin your application.*

Apply Now

Applications must be submitted by February 15, 2017.

Note: Files will be reviewed once all application materials are received.

Important Dates and Deadlines:

February 15

Online application and application materials due

April 15

Decision letters mailed to students (post-marked by this date)

July 22

Arrival by 2:00 p.m., move-in between 2:00- 4:00 p.m. and student/parent orientation at 4:30 p.m.

July 29

Departure at 10:00 a.m.

If you have any questions please feel free to contact the Office of Pre-College Programs at 574.631.0990 or precoll@nd.edu.

Payment

The Notre Dame Leadership Seminars are underwritten by the University of Notre Dame. All program, meal and housing and extracurricular expenses, including round-trip transportation to Notre Dame, are paid for by the University. Note: All accepted students are required to provide a non-refundable fee of \$150 to reserve a space in the program.

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

Leadership Seminars Offered:

- 1) American Arts
- 2) Global Issues — A Just Peace
- 3) Science, Ethics, and Responsibility

1) “American Arts”

More than just receiving a world class education, students at the University of Notre Dame are prepared to change the world. As one of 40 young scholars hosted at the University of Notre Dame next summer, you will be inspired to use your heart and mind to consider your role as a future leader-while learning more about this special University. This Seminar is an opportunity for talented, enthusiastic, and open-minded students to be enriched through spirituality and intellectual curiosity. Explore the rich historical, political and spiritual legacy of African American culture-and delve into a variety of issues from Catholic social teaching, to the Challenges of Science; from Notre Dame in the local community to Notre Dame in South Africa.

The Leadership Seminar provides a complete Notre Dame experience. You will stay in campus residence halls and have access to virtually all of the academic, recreational and spiritual resources available to undergraduate students. If you are accepted to this special program, all expenses-including transportation to and from Notre Dame-will be paid by the University.

2) “Global Issues-A Just Peace”

Be one of 40 rising high school seniors engaged in a stimulating one-week exploration of the future challenges facing young leaders.

Through a series of lectures by distinguished faculty, group discussions and collaborative projects, this seminar identifies contemporary challenges to the establishment of justice and a sustainable peace in a world being transformed by the processes of “globalization”. We do so, students and faculty working together, by viewing a host of issues—including terrorism, governmental corruption and structural violence, systematic violations of human rights, religious and ethnic conflict, environmental degradation and resource wars, and nuclear arms proliferation—through the lens of Catholic social teaching. We ask, further, how the principles of social justice must be developed and adapted to address these new challenges.

“Global Issues was an amazing, unique really “hands-on” learning experience that I’ll never forget. I felt so privileged to be able to spend a week with incredible professors, but they were so friendly and approachable that I never felt intimidated and therefore always comfortable to share my opinions.”

The Leadership Seminars also provides a complete Notre Dame experience. Students stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students. If you are

accepted into this special program, all expenses—including transportation to and from Notre Dame—will be paid by the University.

3) “Science, Ethics, and Responsibility”

As one of 40 young scholars hosted at the University of Notre Dame next summer, you will be inspired to address the issues of social change as a future leader.

This seminar addresses the issues of identity and social change and how individual, institutional and social inequity manifest in society. Students will explore the rich historical, intellectual, artistic and spiritual legacies of the Latino culture and analyze a variety of issues through the lens of Catholic social teaching. Students will learn how greater understanding of identity will develop deeper insight into working effectively as leaders with individuals of diverse cultural backgrounds.

The Leadership Seminar also provides a complete Notre Dame experience. Students stay in campus residence halls and have access to virtually all of the academic, recreational, and spiritual resources available to undergraduate students at Notre Dame. If you are accepted into this special program, all expenses—including transportation to and from Notre Dame—will be paid by the University.

LEDA (LEADERSHIP ENTERPRISE FOR A DIVERSE AMERICA) SCHOLARS PROGRAM

The LEDA Scholars program comprises four components and a six-year trajectory to help high-achieving, low-income students go to the most selective colleges and thrive there.

Website: <http://ledascholars.org/our-program/recruitment-admissions/leda-scholars-program-admission-criteria/>

Recruitment & Admissions

Each year, LEDA recruits 100 exceptional high school students who show leadership potential but may lack the exposure and support needed to attend and succeed at highly competitive colleges and universities.

Aspects of Leadership Summer Institute

LEDA Scholars are selected as juniors in high school and spend the following summer at our signature program on the campus of Princeton University.

The *Aspects of Leadership* Summer Institute is an intensive seven-week program and completely free of charge for LEDA Scholars. It includes leadership training, academic writing instruction, standardized test preparation, college guidance, and community building. The Summer Institute provides LEDA Scholars with a unique range of learning experiences that help them develop and sharpen their problem-solving skills and open the door to reaching their potential as students and leaders. It's what we call **Leadership for the Common Good.**

College Guidance

LEDA's College Guidance work continues after the Summer Institute during Scholars' senior year of high school, as Scholars continue to be empowered with the knowledge and confidence to pursue admission to colleges that match their abilities and goals.

College Success

We understand that our work does not end once our Scholars enroll at selective institutions. Our College Success team provides ongoing support to them throughout their college years, empowering them to become exemplary students and campus leaders.

LEDA's College Success team maintains close contact with each Scholar through phone/video calls, social media, campus visits, and individual appointments in the LEDA office.

College Success places particular emphasis on the freshman transition, scheduling multiple phone meetings with our first-year college students to help them navigate academic planning, financial issues and social adjustment. LEDA also connects first-

year Scholars with older Scholars at their colleges through a peer mentoring program, and College Success staff visit Scholars on their campuses.

College Success also facilitates post-graduation planning for Scholars that starts early. It begins with help in networking and securing internships while they're pursuing their degrees and then with support and guidance in reaching (and sometimes identifying) their goals after graduation. We assist our Scholars with applications to graduate and professional schools (including preparation for the GRE, LSAT, GMAT, and MCAT), and with career planning, and job-hunting.

Apply

To gain admission to the LEDA Scholars Program, students must complete a competitive application. The three-round process requires academic information and test scores, a personal statement and supplemental essay, a writing sample, biographical information, information on extracurricular activities, family financial information, and an interview for finalists.

Eligibility and Admission Requirements:

Socioeconomic Background:

- Students must be from low-income backgrounds. Eligibility is assessed individually based on the composition and income of a student's family.
- Students who will be first-generation college students are given particular consideration.
- Students must be U. S. citizens, Permanent Residents, or have been granted Deferred Action for Childhood Arrivals (DACA) status.

Personal Attributes:

- Demonstrated leadership abilities
- Intellectual curiosity and devotion to study
- Hunger to learn and achieve academically
- Ethics, integrity, and strength of character

Academic Qualifications:

- Be a junior in a public high school (11th grader) at the time of applying
- Have an unweighted cumulative GPA of at least 3.6 and class ranking within the top 10% of the high school class
- A record of enrollment and success in the most rigorous courses available to the student, e.g., honors, AP, IB, dual credit, or concurrent enrollment courses
- Exceptional analytical reading and writing skills, demonstrating preparedness for selective colleges and universities
- Scores above the national average on the PSAT, SAT, PLAN, and/or ACT

LEDA reserves the right to consider all applications on a case-by-case basis and may take additional personal and academic factors into account when making final admission decisions.

The LEDA Scholars program is **free** for all students admitted.

The 2016-2017 LEDA application is available at
<http://app.formassembly.com/workflows/start/2203>.

If you have any questions about LEDA's recruitment and admissions process that is not answered on our website, please contact us at recruitment@ledascholars.org.

NCCU SUMMER YOUTH BUSINESS AND ENTREPRENEURSHIP ACADEMY

North Carolina Central University (NCCU) School of Business in partnership with the Executive Leadership Council presents an exciting opportunity for high school students to participate in a 2-week residential Summer Youth Business and Entrepreneurship Academy (SYBEA).

The Academy is open to high achieving minority youth in rising 10th, 11th and 12th grade, with a B average or higher. Selected students will receive business training and exposure to higher education on the campus of NCCU, along with a full scholarship to cover the cost of attendance plus room and board.

PROGRAM DATES: Sunday, June 19 2016 thru Friday July 1, 2016

The two-week Academy includes:

- Brand New Collegiate Residential Immersion Opportunity**
- Residential Facilities and Meals** Students will participate in a fully immersed collegiate experience on the campus of North Carolina Central University including 3 meals a day.
- Lectures** taught by host NCCU professors and local business leaders. Topics include introductory business courses in marketing, finance (financial literacy), entrepreneurship, leadership and ethics.
- Corporate visits** to help students gain exposure to the application of business principles in the real world as they interact with local corporate executives during on-site visits.
- Business plan development and team competition** with participants to derive a business plan for a new idea. A panel of judges from the business community will evaluate the plan and a prize will be awarded to the winning team.

Eligibility:

- Enrolled (in Fall 2015) in high school as a 10th, 11th, and 12th grader
- A cumulative 3.0 GPA on 4.0 scale (B average or higher)
- Excellent attendance record
- Extra-curricular activities and involvement
- Students with GPA lower than 3.0 and involved in significant extra-curricular activities are encouraged to apply

Application materials checklist:

- Completed application form;
- Statement of Purpose (see reverse page for instructions)
- Official high school transcript
- Recommendation letter from high school counselor/other academic reference.

Application Deadline: April 3, 2016

Website: <http://www.nccu.edu/academics/sc/business/summer-academy/>

NC STATE SHELTON LEADERSHIP CHALLENGE INSTITUTE

The First-Year Shelton Challenge is a six-day summer experience for rising freshmen, sophomores, juniors, and seniors in high school. Shelton's five cornerstones of values-based leadership-honesty, integrity, compassion, diversity and social responsibility – are the foundations of the camp. The core curriculum focuses on Personal Leadership Assessment and Interpersonal Dynamics, Role of Values and Ethics in Leadership, Leadership Traits and Approaches, Teambuilding and Empowering Others, Social Responsibility, Public Speaking and Goal Setting.

Eligibility: The First-Year Shelton Challenge seeks youth who are rising 9th through 12th graders with a 3.0 grade point average (unweighted) or higher. Students will get to experience residence hall living, eat meals at a campus dining hall, and use indoor and outdoor recreation facilities.

Where:

- June 11-16, 2017 – NC State University, Raleigh, NC
- July 9-14, 2017 – NC State University, Raleigh, NC
- July 16-21, 2017 – Methodist University, Fayetteville, NC
- July 23-28, 2017 – NC State University, Raleigh, NC



Apply:

- 2017 applications are open.

<https://sheltonleadership.ncsu.edu/youth-shelton-challenge/leadership-camps/>

Tuition

Cost to attend the program is \$700.00 a week. The cost to attend the First-Year Shelton Challenge six-day residential program is \$700. This cost includes all curriculum materials, lodging and food, low and high ropes course, transportation during week, and night activities.

After submitting the application, please mail the \$100 deposit to hold space in the program. The deposit will go toward the full payment of \$700.

Scholarships and financial assistance is available.

ENGINEERING

CATALYST ACADEMY AT CORNELL UNIVERSITY

July 16–22, 2017

The CATALYST Academy is a one-week summer residential program for rising high school sophomores, juniors, and seniors.

The mission of the CATALYST Academy is to advance diversity in engineering and its related disciplines. Therefore, applications from students from backgrounds (African American, Latino/a, or Native American) critically underrepresented in the fields of science, technology, engineering, and math are especially encouraged.

During the CATALYST Academy, Cornell University's world-renowned faculty and graduate students lead participants in classes, lab sessions, and project research. Social events, panel discussions, and other out-of-classroom activities provide participants with opportunities to network informally with Cornell faculty, staff, and students.

This summer, spend a week making new friends; experience life on a university campus; and explore the many exciting possibilities awaiting you in engineering!

Eligibility Requirements

- A minimum GPA of 3.0 on a 4.0 scale
- Be a rising sophomore, junior or senior in high school

Application Requirements

Step 1:

Complete the CATALYST Academy Online Application which includes:

- A written essay with a maximum of 500 words, explaining:
 - why you want to participate in this program
 - what you hope to gain from the experience
 - what interests you about engineering
 - what thoughts you have about your future career

Step 2:

Submit the required supporting documents listed below:

- Completed CATALYST Academy Recommendation Form from a math or science teacher or a high school counselor

- Official high school transcript
- High school profile (may be obtained from your high school guidance office)

Submit the completed required supporting documents, to the following address:

The CATALYST Academy
Diversity Programs in Engineering
146 Olin Hall
Cornell University
Ithaca, NY 14853

Tuition

CATALYST Academy tuition - \$1450.00

- Includes room, board, and research supplies
- *Payable after notification of acceptance*

Financial Assistance

- Financial assistance for tuition and/or travel is available based upon demonstrated need.
- Submit the Application for Financial Assistance in conjunction with applying for CATALYST Academy.
- Financial assistance awards will be included with the notification of acceptance.

To apply for financial assistance, submit the following:

- Application for Financial Assistance Application
- Required supporting application documents (see Financial Assistance Form for details).

Deadlines

Online application: **11:59pm, Thursday, March 15, 2016.**
Postmark Deadline for Supporting Documents: **March 15, 2016.**
Admission Status Notification: **mid-April, 2016.**

Contact us:

DPENG@cornell.edu

607 255-6403

Website: <https://sites.coecis.cornell.edu/catalystacademy/>

C-TECH2 – COMPUTERS AND TECHNOLOGY AT VIRGINIA TECH

Whether or not you currently desire to be an engineer or scientist, this program can provide you with the technological tools and knowledge you will find useful for any career.

What is C-Tech²?

Virginia Tech's College of Engineering invites you to participate in a program called C-Tech² - Computers and Technology at Virginia Tech. A primary focus of the program is to help develop and sustain the interests of women in engineering and the sciences. The program allows you to explore applications of engineering, math, and science in a way that is fun and exciting. You will spend the majority of your time involved in hands-on activities designed to increase your interest in and knowledge of applications of engineering, math, and science to real world situations. The target population for the program is rising junior and senior high school girls.

Program Dates:

June 25 – July 8, 2017

What is C-Tech² all about?

- Exploring applications of engineering in a way that is fun and exciting.
- Spending time involved in hands-on activities designed to increase your interest in and knowledge of applications of engineering to real world situations.
- Attending seminars to help you prepare for the college application process.
- Interacting with others interested in pursuing careers in various engineering fields.
- Completing an engineering design project
- Meeting industry representatives and learning about what they're looking for

Website: <https://www.eng.vt.edu/ctech2>

Apply

The application process is open, deadline is March 27, 2017.

The 2017 C-Tech² Application has four components:

1. Applicant Information Form

- Personal information
- High school information
- Leadership, academic achievements, and extracurricular activities
- Essays (not to exceed 2,000 characters--about 300 words)
 1. Why do you want to be an engineer?

2. Describe a time when you worked in a team to solve a problem in class or an extracurricular activity.
3. Why should you be selected for this program?

2. Parent Information Form

- Personal information
- Financial statement
- Parent/legal guardian consent

3. Recommendations Form

- The Recommendation Information is to be completed by one reference who **MUST** be math, science, or technology teachers.

4. Mail Official Transcript

Please send:

- Copy of your official high school transcript.
- Only records from ninth grade to present, if possible
- A list of courses currently being taken.

Mail To:

C-Tech²
Center for the Enhancement of Engineering Diversity
490 Old Turner Street
215 Hancock Hall (0275)
Virginia Tech
Blacksburg, VA 24061

ENGINEERING AT NC STATE UNIVERSITY

Option 1: Day Programs

Website: <https://www.engr.ncsu.edu/theengineeringplace/summerprograms/high-school/index.php>

Each summer, the College of Engineering at NC State University offers rising 9th and 10th grade high school students the opportunity to experience engineering at NC State. We offer a multidisciplinary week-long day camp that provides an experience into different fields of engineering. Teams of campers experience introductory activities then transition to work on a collaborative team-oriented challenge project.

Camps

9th/10th Day Camp Week 1: June 12 – 16, 2017
9th/10th Day Camp Week 2: June 19 – 23, 2017

Ninth and tenth graders will experience engineering in a program specifically designed for them. Each year new challenges are presented at the week-long day camp, and each introduce students to a variety of engineering fields through fun, yet challenging, hands-on projects and investigations. By the end of the week, students will have a deeper understanding of the field of engineering and related career opportunities.

Girls 9th/10th Computer Science Camp (Girls Code and Create!): July 24 – 28, 2017

Computing has changed the world in profound ways by making wonderful new ways for people to connect, design, research, play and create. In this week-long camp, you will build your own apps using tools like Snap that make designing fun and easy. Examples of groundbreaking computing applications will help you see how you can make apps to impact the future! Imagine the ways you can help your family, friends and others do incredible things with computing while you have fun too!

Camp Logistics

Camp Hours

Students are dropped off between 8:30 and 8:45 a.m. and are picked up between 3:30 and 3:45 p.m.

Camp Locations

The 9th/10th Summer Day Camp takes place on NC State's [North Campus](#). The Girls Computer Science Camp takes place on NC State's [Centennial Campus](#). Students may take brief field trips to other campus facilities or nearby locations.

Food

Lunch and snacks will be provided each day. Dietary needs will be accommodated.

Camp Staff

Camp will be staffed by area teachers and undergraduate and graduate students, with some visits with NC State faculty.

Camp Fees

- **Total Cost:** Raleigh: \$400 for a week of camp (including daily lunch).
- **Total amount:** Total amount is due May 5, 2017.
- **Financial Aid:** A limited amount of financial aid may be available for families who demonstrate financial need. To be considered, families must submit an online financial aid application included in the application website.

Applying to Camp

Eligibility

All students entering 9th or 10th grade in the Fall 2017 are encouraged to apply, including home-schooled and out-of-state students.

Applying Online

The only way to apply is via our online application tool, which will be available between January 9 and March 24, 2017. Look for the [large red button](#) on the top right corner of this Web page. Please bookmark the site so you can return to it to complete your application and check on the status.

Application Components

Your son or daughter is required to submit a response to **two short statements** about why he or she would like to attend engineering summer camp and what is something that they learned that excited them. The submission is typed into the online application.

Application Time Line

The deadline to apply is March 24, 2017. You will be notified of acceptance by April 17, 2017.

Admission Decisions

Admissions decisions will be based on student interest as determined by his or her response of two short personal statements noted in Application Components above. Acceptance is *not* first come, first served—preference will not be given to early applicants. In recent years, we have not had enough room for all of the students who were interested in attending camp. If you applied to camp last year and we were unable to find a spot for you, we will make an extra effort to find a place for you this year.

Option 2: Residential Programs

Website: <https://www.engr.ncsu.edu/theengineeringplace/summerprograms/high-school/residential.php>

Each summer, the College of Engineering at NC State University offers rising 11th and 12th grade high school students the opportunity to experience engineering and get a glimpse of college life while staying on the NC State campus in Raleigh. The residential program allows students to explore a particular field of engineering in more depth while staying on campus in residential university housing.

Camps

HS 11th - 12th Residential Camp I: June 11 – 16, 2017

HS 11th - 12th Residential Camp II: June 18 – 23, 2017

HS 11th - 12th Residential Camp III: June 25 – 30, 2017

NC State offers rising 11th and 12th grade students the opportunity to explore engineering and college life at NC State through our residential HS programs. Students spend a week on campus, live in university housing, eat in the dining halls, meet diverse students from all over the globe and immerse themselves in a specific engineering workshop of their choosing.

Typical Week at Camp

Students arrive Sunday afternoon and are welcomed by staff with an orientation program and a camp-wide cookout. Individual workshops run from 9 a.m. until 4 p.m., Monday through Thursday, with camp-wide activities in the afternoons and evenings. Friday morning, parents are invited to attend a showcase of student work, and the camp wraps up at noon on Friday.

Workshop Topics

Choosing Workshops

Students will spend their entire week at camp immersed in a particular engineering workshop. They may choose from a wide variety of topics, although note, not all topics are offered all weeks.

Please note, we are unable to accommodate workshop changes once an admissions decision has been made.

Students are encouraged to read each program description carefully so that they can choose ones that spark their interest. Providing additional workshop choices will increase the likelihood that a student is accepted as space is limited.

This summer each applicant will only be admitted to a single workshop.

2017 Workshop Offerings

- [A Matter of Biomaterials - Paper Science Engineering](#)
- [Additive Engineering - Industrial Systems and Engineering](#)

- [Bioenergy Systems - Biological and Agricultural Engineering](#)
- [Building the World We Live - Civil, Construction, and Environmental Engineering](#)
- [Ecological Engineering - Biological and Agricultural Engineering](#)
- [Engineering Better Stuff with Material Science - Materials Science and Engineering](#)
- [Look Up — Way Up! - Aerospace Engineering](#)
- [Robotics in Reality – Electrical and Computer Engineering](#)
- [The Human Machine - Biomedical Engineering](#)
- [There Must be an App for That! - Computer Science](#)
- [We've Got the Solutions - Chemical and Biomolecular Engineering](#)

Camp Logistics

Camp Arrival and Departure

Check-in is from 1 to 3 p.m. on Sundays. We will arrange to pick up any campers arriving via airplane, bus or train. It is important that campers plan on arriving prior to 3 p.m. so that they can attend camp orientation and the welcome cookout.

Parents are invited to attend closing ceremonies on Friday from 10 a.m. until noon. Checkout is by 1 p.m. We can arrange for transportation to airports, train stations or bus depots after that.

Camp Hours

Each day begins at 7 a.m. Workshops start at 9 a.m. and continue until 4 p.m. with an hour for lunch. Afternoon and evening activities are scheduled each day. Campers have the opportunity to select activities that interest them most.

Camp Location

Campers will be housed in a residence hall on campus, two to a room. **No roommate requests can be accommodated.** Residence counselors supervise campers during afternoon and evening activities and throughout the evening. The camper-to-counselor ratio is approximately 1:12.

Food

Students will eat breakfast, lunch and dinner in the dining halls. Dietary needs will be accommodated. Be sure to note any dietary needs in your online application.

Camp Faculty and Staff

Camp workshops will be staffed by engineering faculty members and both undergraduate and graduate engineering students. Residence counselors will supervise the students for all evening activities.

Camp Fees

- **Camp Cost:** \$875
- **Total amount:** Total amount is due May 5, 2017.

- **Financial Aid:** A limited amount of financial aid may be available for families who demonstrate financial need. To be considered, a family must complete an online financial aid application.

Applying to Camp

Eligibility

All students entering 11th or 12th grade in the Fall 2017 are welcome to apply. We are unable to make exceptions for younger students. Home-schooled students are also encouraged to apply, as are students from out of state and out of the country. Please note, applicants are only admitted to a single week-long workshop each summer.

Applying Online

The only way to apply is via our online application tool, which will be available between January 9 and March 24, 2017. Look for the [large red button](#) on the top right corner of this Web page. Please bookmark the site so you can return to it to complete your application and check on the status.

Application Components

Applicants are required to enter information into our online application tool from their high school transcripts, displaying courses and grades up through and including Fall 2017. Applicants will also be required to write **two short statements** concerning their interest in attending camp and learning. PSAT, SAT or ACT scores are NOT required, but we will consider them if submitted.

Admission Decisions

Admissions decisions will be based upon applicants' academic achievements and demonstrated interest. Admitted students have typically earned A's and B's in math and science courses and have demonstrated a true desire to learn more about engineering. **Acceptance into workshops is highly competitive. Because space is limited, you increase your likelihood of acceptance by indicating multiple workshop topics and week selections.**

Application Time Line

The deadline to apply is March 24 2017. You will be notified of acceptance by April 17, 2017.

ENGINEERING PRE-COLLEGE PROGRAMS AT THE UNIVERSITY OF TENNESSEE, KNOXVILLE

College of Engineering
The University of Tennessee, Knoxville

Engineering VOLunteers for Ninth Graders (E-VOL⁹)

The Tickle College of Engineering (TCE) is hosting the 5th annual "Engineering VOLunteers for Ninth Graders (E-VOL⁹)." The purpose of E-VOL⁹ is to provide college preparation and awareness on engineering careers. The E-VOL⁹ conference will be hosted on June 14-17, 2017.

We are excited to be able to expand this opportunity to more students in Tennessee and the surrounding areas. New this year, students will be selected to participate in the conference. Selected students must attend with parent/guardian. Attendees will reside in a nearby hotel during the conference. Students will engage in hands-on workshops focused on engineering fundamentals; as well as learn about several engineering disciplines. The E-VOL⁹ program provides a four-day conference style setting, which includes the following:

- Welcoming key note address
- Corporate sponsors interactive exhibits
- Hotel accommodations for three nights
- Interaction with engineering students and industry representatives
- Interactive workshops focused on various engineering disciplines
- Meals (breakfast, lunch, and dinner)

The 2017 E-VOL⁹ Application is now open. [Register Now »](#)

Application Deadline: March 3, 2017

You will need to gather the following information to begin your application. The application must be completed and submitted in the same setting. Incomplete applications will not be considered.

Part 1: Personal and Parent/Guardian Information

- You will need your Parent/Guardian's phone number and email address.

Part 2: Academic Information Uploads

- Current Report Card

Part 3: Teacher Recommendation Contact Information, Teachers will be contacted directly

- You will need your current Math teacher's name and email address.
- You will need your current Science teacher's name and email address.

Part 4: Upload Short Essay, 300 minimum word typed paper

Please discuss three personal goals you hope to reach by participating in E-VOL⁹. For example, what experiences, knowledge, and skills do you hope to get out of the program? Where do you see yourself in ten years? What goals have you set to prepare for college? Which engineering career are you planning to pursue and why?

All applications must be submitted online by **March 3, 2017**. Incomplete applications will not be considered.

If selected for the E-VOL⁹ program, both Parent/Guardian and Student must attend orientation on **Wednesday, June 14, 2017**.

Website: <http://www.engr.utk.edu/diversity/pre-college/evol9/application.html>

[E-VOL⁹ Frequently Asked Questions](#)

For additional information, please contact us by e-mail at pre_eng@utk.edu or by phone at 865-974-0625.

[Engineering VOLunteers for Tenth Graders \(E-VOL¹⁰\)](#)

The Tickle College of Engineering (TCE) is hosting the 5th annual "Engineering VOLunteers for Tenth Graders (E-VOL¹⁰)." E-VOL¹⁰ selects rising tenth grade students who demonstrate interests in engineering. The purpose of E-VOL¹⁰ is to provide introduction to chemistry and awareness on engineering careers. The E-VOL¹⁰ session will be hosted on June 4-10, 2017.

Thirty-two students are selected to participate. Students live within a residence hall on campus, engage in chemistry, ACT preparation, compete in engineering challenges, and tour an engineering industrial plant. Throughout the program, students team with each other to apply what was learned and work on an engineering design project. **All applicants must have taken the PSAT, ACT Explore, ACT Aspire or 9th Grade Standardize Test.** The E-VOL¹⁰ program provides a one-week experience, at no major cost, which includes following:

- Orientation session
- Ice breakers and team building exercises
- Residential hall accommodations for six nights
- ACT preparation
- Meals (breakfast, lunch and dinner)

- Supplies
- Campus life and recreation
- Engineering challenges and group design project
- Counselor-to-peer mentoring
- Engineering field trip
- Closing awards reception

The 2017 E-VOL¹⁰ Application is now open. [Register Now »](#)

Application Deadline: March 3, 2017

You will need to gather the following information to begin your application. The application must be completed and submitted in the same setting. Incomplete applications will not be considered.

Part 1: Personal and Parent/Guardian Information

- You will need your Parent/Guardian's phone number and email address.

Part 2: Academic Information Uploads

- High School Transcript
- ACT Explore, ACT Aspire, or PSAT scores

Part 3: Teacher Recommendation Contact Information, Teachers will be contacted directly

- You will need your current Math teacher's name and email address.
- You will need your current Science teacher's name and email address.

Part 4: Upload Short Essay, 300 minimum word typed paper

Discuss a technical/scientific event or experience that caused you to have an interest in engineering. Please discuss three personal goals you hope to reach by participating in E-VOL¹⁰. For example, what experiences, knowledge, and skills do you hope to get out of the program? Where do you see yourself in ten years? What goals have you set to prepare for college? Which engineering career are you planning to pursue and why?

All applications must be submitted online by **March 3, 2017**. Incomplete applications will not be considered.

If selected for the E-VOL¹⁰ program, both Parent/Guardian and Student must attend orientation on **Sunday, June 4, 2017**.

If you are ready to continue, please proceed to the [E-VOL¹⁰ Application](#).

Website: <http://www.engr.utk.edu/diversity/pre-college/evol10/application.html>

[E-VOL¹⁰ Frequently Asked Questions](#)

For additional information, please contact us by e-mail at pre_eng@utk.edu or by phone at 865-974-0625.

[High School Introduction to Engineering Systems for Eleventh Graders \(HITES¹¹\)](#)

The Tickle College of Engineering (TCE) initiated the first High School Introduction to Engineering Systems (HITES) program in 2001. The program identifies and selects rising eleventh grade students who demonstrate interests within math and science. The purpose of HITES¹¹ is to provide an opportunity to explore engineering, learn how computing is used engineering applications, and campus life at the University of Tennessee, Knoxville. The HITES¹¹ session will be hosted on July 16-21, 2017.

Thirty-two students are selected to participate within each session. Students live within a residence hall on campus, engage in learning computer programming, and tour an engineering industrial plant. Throughout the program, students team with each other to apply what was learned and work on an engineering design project. **All applicants must have a minimum ACT math score of 25 (SAT math score of 590).** The HITES¹¹ program provides a one-week experience, at no major cost, which includes following:

- Orientation session
- Ice breakers and team building exercises
- Residential hall accommodations for five nights
- Introduction to Computer Programming
- Engineering department visits with university faculty and undergraduate/graduate students
- Meals (breakfast, lunch, and dinner)
- Supplies
- Campus life and recreation
- Hands-on laboratory demonstrations
- Engineering group design project
- Counselor-to-peer mentoring
- Engineering field trip
- Closing awards reception

The 2017 HITES¹¹ Application is now open. [Register Now »](#)

Application Deadline: April 14, 2017

You will need to gather the following information to begin your application. The application must be completed and submitted in the same setting. Incomplete applications will not be considered.

Part 1: Personal and Parent/Guardian Information

- You will need your Parent/Guardian's phone number and email address.

Part 2: Academic Information Uploads

- High School Transcript
- ACT/SAT scores

Part 3: Teacher Recommendation Contact Information, Teachers will be contacted directly

- You will need your current Math teacher's name and email address.
- You will need your current Science teacher's name and email address.

Part 4: Upload Introduction Video (YouTube, URL address etc.), 3-5 Minute Limit. Be sure to answer the questions below.

Describe how computing fields have influenced your decision to pursue a career within engineering. What are you looking to gain by participating in the HITES¹¹ Program? How do you plan to use your engineering career?

All applications must be submitted online by **April 14, 2017**. Incomplete applications will not be considered.

If selected for the HITES¹¹ program, both Parent/Guardian and Student must attend orientation on **Sunday, July 16, 2017**.

If you are ready to continue, please proceed to the [HITES¹¹ Application](#).

Website: <http://www.engr.utk.edu/diversity/pre-college/hites11/application.html>

[HITES¹¹ Frequently Asked Questions](#)

For additional information, please contact us by e-mail at pre_eng@utk.edu or by phone at 865-974-0625.

High School Introduction to Engineering Systems for Twelfth Graders (HITES¹²)

The Tickle College of Engineering (TCE) initiated the first High School Introduction to Engineering Systems (HITES) program in 2001. The program identifies and selects rising twelfth grade students who demonstrate interests within math and science. The purpose of HITES¹² is to provide an opportunity to explore engineering and campus life at the University of Tennessee, Knoxville. The HITES¹² session will be hosted on July 9-14, 2017.

Thirty-two students are selected to participate within each session. Students live within a residence hall on campus, engage in hands-on engineering fundamentals activities, college life sessions, compete in engineering challenges, and tour an engineering industrial plant. Throughout the program, students team with each other to apply what was learned and work on an engineering design project. **All applicants must have a minimum ACT math score of 25 (SAT math score of 590).** The HITES¹² program provides a one-week experience, at no major cost, which includes following:

- UT Campus Tour
- Orientation session
- Ice breakers and team building exercises
- Residential hall accommodations for five nights
- College life and preparation sessions with university staff
- Engineering department visits with university faculty as well as undergraduate/graduate students
- Meals (breakfast, lunch, and dinner)
- Supplies
- Campus life and recreation
- Hands-on laboratory demonstrations
- Engineering challenges and group design project
- Counselor-to-peer mentoring
- Engineering field trip
- Closing awards reception

The 2017 HITES¹² Application is now open. [Register Now »](#)

Application Deadline: April 14, 2017

You will need to gather the following information to begin your application. The application must be completed and submitted in the same setting. Incomplete applications will not be considered.

Part 1: Personal and Parent/Guardian Information

- You will need your Parent/Guardian's phone number and email address.

Part 2: Academic Information Uploads

- High School Transcript
- ACT/SAT scores

Part 3: Teacher Recommendation Contact Information, Teachers will be contacted directly

- You will need your current Math teacher's name and email address.
- You will need your current Science teacher's name and email address.

Part 4: Upload Introduction Video (YouTube, URL address etc.), 3-5 Minute Limit. Be sure to answer the questions below.

Describe a significant event in your life that has influenced your decision to pursue a career within engineering. What are you looking to gain by participating in the HITES¹² program? How do you plan to use your engineering career? Please list your top three choices of engineering colleges that you are applying to and why?

All applications must be submitted online by **April 14, 2017**. Incomplete applications will not be considered.

If selected for the HITES¹² program, both Parent/Guardian and Student must attend orientation on **Sunday, July 9, 2017**.

If you are ready to continue, please proceed to the [HITES¹² Application](#).

Website: <http://www.engr.utk.edu/diversity/pre-college/hites12/application.html>

[HITES12 Frequently Asked Questions](#)

For additional information, please contact us by e-mail at pre_eng@utk.edu or by phone at 865-974-0625.

MINORITY INTRODUCTION TO ENGINEERING AND SCIENCE (MITES) PROGRAM AT THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

MIT's Office of Engineering Outreach Programs (OEOP) in the School of Engineering (SOE) runs seven core programs for middle and high school students. In 1975, the SOE launched the Minority Introduction to Engineering and Science (MITES) Program to address the low numbers of minority students pursuing advanced technical degrees. Now through the MITES program OEOP offers three rigorous residential and on-line, academic enrichment programs for promising high school juniors who are interested in studying and exploring careers in science and engineering. These national programs stress the value and reward of pursuing advanced technical degrees and careers while developing the skills necessary to achieve success in science and engineering. The programs are rooted in MIT's belief in the importance of students from diverse populations to pursue higher education and careers in these fields.

Selected students build self-confidence in their ability to be successful in a demanding academic atmosphere, and have a chance to work with and befriend



individuals of different racial, ethnic and other backgrounds. Although admission to MIT is not the focus of the MITES program, for its graduates, there is a strong record of successful admission to MIT and to other engineering and science universities.

Program Dates: June 11 - July 21, 2016

Students will be notified by mid-April about the status of their application.

Eligibility: Students apply during their junior year in public or private schools.

Citizenship: Applicants must be able to show proof - US Citizens or Permanent Residents

Cost: FREE. Selected students only pay for their transportation to and from MIT.

Housing: Simmons Dormitory at MIT

Courses: Calculus, Physics, Humanities, Bio/Chem/BioChem, & hands-on elective



Course Credit: Students are given qualitative final evaluations, instead of credit for courses.

Contact Information:

Massachusetts Institute of Technology

Office of Engineering Outreach Programs

Building 1-123, 77 Massachusetts Avenue

Cambridge, MA 02139

617-253-8052

oeop@mit.edu

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

NUCLEAR ENGINEERING AT NC STATE UNIVERSITY

Interested in what role nuclear technologies play in meeting the needs of society and solving everyday problems?

Then join NC State's Department of Nuclear Engineering in July! Through a combination of group projects, labs, lectures, guest speakers and industry field trips, you will answer such questions as

- How can we develop energy sources for the U.S.?
- How can we detect low concentrations of environmental pollutants?
- How are nuclear methods revolutionizing medical diagnostics and treatments?

Program Schedule

Last July's schedule is available [here](#). A similar format will be followed for the upcoming year. Please note that college credit is not provided for this program.

Duration

July 9-27, 2012

Dorm check-in on July 8, between 3:00-5:00 p.m. Student-only orientation at 5 p.m. Students flying in need to arrive early to mid-afternoon at Raleigh-Durham International Airport (RDU); we provide RDU pick-up.

Location

North Carolina State University campus in Raleigh, N.C.

Who Can Attend

Rising juniors, rising seniors, and graduating high school seniors who plan to major in nuclear engineering.

Cost

This academic program costs \$1200 and includes accommodations, three daily dining hall meals, industry field trips, gym passes (weights room excluded), and library cards (books only over course of program). Need-based tuition scholarships are available (supporting documentation is required, details on application form).

Application Deadline

1. For full consideration, please send completed information by the first Monday in April.
2. Applications received after the first Monday in April will be considered until spaces are full.
3. There are 20 spaces available. Students must be considering nuclear engineering as a college major. Please send an email message stating your application is on the way if deadline has past.
4. Notification begins the last Monday in April and will continue until program is full. ONLY after notification of program acceptance are the following documents and a non-refundable \$200 deposit check required. Checks are to be made payable to "NC State University", on memo line state "YISP and student's name". Remaining tuition

balance is due at check-in; exact amount in the form of a check or money order (no cash will be accepted).

The following documents must be completed and accompany the deposit (only forward after notification of program acceptance) --

1. Parental Consent [Form](#)
2. Program Rules/Policies [Form](#)
3. NC Food Bank Volunteer Consent [Form](#)

As you prepare to spend part of July with us, the following information will be useful.

1. Directions and Check-in [Instructions](#)
2. What to Bring to Camp/What Will Be Provided [List](#)

Contact Person

[Lisa Marshall](#), Director of Outreach-Instructor
Department of Nuclear Engineering
North Carolina State University
Raleigh, NC 27695-7909
919.515.5876

Website: <http://www.ne.ncsu.edu/outreach/young-investigators-program.html>

POLYMER DAY CAMP AT NC STATE UNIVERSITY

The Chemistry and Engineering of Polymers and Fibers

This workshop is designed for high-school students interested in physical sciences and engineering, and attending NC State University.

When: July 28-29, 2016

Where: Polymer Day Camp Lab

Eligibility:

Must be rising sophomore, junior or senior, and not enrolled in S.T.E.P. for summer 2016 and be able to provide your own transportation and accommodation to and from NCSU. Out-of-town attendees should contact us for housing suggestions.

Cost: \$45 administrative fee payable upon acceptance.

Attendees will:

1. Engage in hands-on laboratories and interactive sessions
2. Learn about degree programs in Textile Engineering, Chemistry and Science
3. Learn about scholarships in College of Textiles
4. Learn about admissions process for NC State University
5. Be provided with lunch and snacks
6. Print their own NC State t-shirt

Note: The program is to be held in the College of Textiles' world renowned facilities, located on NCSU's Centennial Campus. Concluding the first day of camp will be a dinner and t-shirt printing at 5:00pm on Thursday, July 28th. Parents and siblings are welcome at the dinner!

Interested in attending?

Acceptance is based on available space and qualifications of those applying.

Applications will be reviewed beginning June 2016.

Please email Ms. Kathryn Collie (kathryn_collie@ncsu.edu) of the Textile Engineering, Chemistry and Science department if you have any questions.

Website: <http://www.tx.ncsu.edu/admissions/pre-college-activities/polymer-day-camp/>

WOMEN IN ENGINEERING (WIE) PRE-COLLEGE HIGH SCHOOL: E2@UMD

Program Overview

Exploring Engineering at the University of Maryland (E2@UMD) is a one-week summer program for high school women (rising juniors or seniors) who are considering engineering as a possible major and career. You will live on campus for one-week and explore the world of engineering through fun hands-on activities, laboratory experiments, informative workshops, team challenges, and seminars with professional engineers.

Goals:

- Provide a positive learning experience in a collegiate environment
- Increase your knowledge of engineering and the majors within engineering
- Expose you to female role models in engineering
- Introduce you to other high school women with similar interests
- Support your decision to pursue engineering as a course of study in college

Program Dates:

July 9-15, and July 16-22, 2017

Sample Engineering Disciplines Covered:

- Aerospace Engineering
- Chemical and Biomolecular Engineering
- Civil and Environmental Engineering
- Mechanical Engineering
- Bioengineering
- Electrical and Computer Engineering
- Fire Protection Engineering
- Materials Science and Engineering

Program Details:

The Curriculum

The curriculum of the E2@UMD program focuses on introducing participants to the fundamental principles and concepts of engineering, as well as the influences of engineering on society. Students attend engineering lectures conducted by faculty and guest lecturers, conduct laboratory experiments, observe laboratory demonstrations, participate in tours of campus labs and facilities, and meet with professional engineers. In 2010, E2@UMD was modified to give students more hands-on and experiential learning opportunities in specific areas of engineering.

A Taste of College Life

You will live in a residence hall on the College Park campus for the week. You will find that your residence hall is not only a place to sleep, but also a place to have conversations with friends, enjoy late night snacks, and even do laundry! Two undergraduate engineering students will serve as camp counselors to manage the residential area. They are committed to helping you have a fabulous summer. The

camp counselors live with you in the residence hall and help to foster a community atmosphere by planning social programs throughout the week.

Cost

The cost of the program is \$800* per student. This fee covers all expenses except transportation to and from the University of Maryland and spending money. If additional grants are secured, this fee will decrease. Please do not include the fee at the time of application. The fee is due upon acceptance to the program. Full and partial scholarships are available based on financial need.

Sponsors

- Women in Engineering Program
- A. James Clark School of Engineering

* The cost of this program is partially funded by a generous donation by Dr. Marilyn Berman Pollans.

Program Application:

HOW TO APPLY

- The online application for the 2017 programs will be available Feb 1, 2017. Application review will begin on March 26th.
- [Complete your Biographical Information and Personal Statement online](#)
- Mail the rest of the Application Package to the address below.
- The application deadline is March 31st and decisions will be sent mid-April.

Your Complete Application Package must include the following items:

1. Biographical Information and Personal Statement Personal Statement (be prepared to complete at the time of application). An essay describing why you would like to participate in E2@UMD. This is your opportunity to discuss your experiences, extra-curricular activities, and strengths for the selection committee. This can be up to 5,000 characters or approximately 700 words.

****NOTE:** It is important to check for spelling and grammatical errors. We suggest typing your essay response in a word processing program first, review it for errors, then copy it into the text box on the application.**

2. Teacher Recommendation
This recommendation must be from a math and/or science teacher. Select the link to pull up the form.
3. Official High School Transcript
If the classes you are currently enrolled in are not listed on the transcript; please attach a list of current classes.

All remaining application materials (teacher recommendation and official transcript) should be mailed together to:

E2@UMD

Women In Engineering Program

University of Maryland

1131 Glenn L. Martin Hall

College Park, MD 20742

You will receive a confirmation email when your application is complete.

Website: <http://www.wie.umd.edu/precollege/e2umd.html#application>

CRIME SCENE INVESTIGATION

FBI TEEN/YOUTH ACADEMY

The Teen/Youth Academy allows high school students an opportunity to get a comprehensive look into today's FBI during instruction and demonstrations at the field office. Students are provided with several presentations on topics, including terrorism, cyber, public corruption, polygraph exams, evidence response, SWAT, and the day-to-day operations of a typical FBI office.

Website: <https://www.fbi.gov/contact-us/field-offices/charlotte/community-outreach>

NATIONAL YOUTH LEADERSHIP FORUM ON LAW AND CRIME SCENE INVESTIGATION (CSI)

The National Youth Leadership Forum on Law and Crime Scene Investigation (CSI) introduces high school sophomores, juniors and seniors from across the nation to the fields of law, forensics and crime scene investigation. Throughout this six-day program, students meet and personally interact with professionals from some of the nation's top law firms, observe the legal process in action and meet faculty from renowned law schools. Students test the fundamentals of law through simulations and directly engage in debate over some of the most important legal issues facing our country today.

At the Forum on Law and CSI, scholars analyze evidence, apply legal reasoning to the importance of evidence collected at a crime scene, determine the significance of the evidence to both the prosecution and defense, and follow the chain of that evidence from the crime scene to the trial. Law and CSI scholars will explore and practice the process of forensic crime-solving by performing hands-on forensics testing, including crime scene analysis, fingerprinting, document and ink analysis, handwriting analysis and hair and fiber analysis.

Students interact with nationally-recognized legal professionals and gain valuable insight into careers in law and forensics. During the program, students conduct a model Supreme Court hearing based on an actual case. Law and CSI students apply standard court procedures as they analyze and argue the constitutionality of the issue at hand, by immersing themselves in the roles of attorneys or Justices. Throughout this student-led simulation, students gain an understanding of the judicial process and develop critical thinking, public speaking and leadership skills.

Washington, D.C. – Summer Dates

July 9 - 14, 2017

July 16 - 21, 2017

July 23 - 28, 2017

2017 Program Details: Westfield Marriot * George Mason College Credit*

Website: <http://www.nylf.org/law/>

MATH & SCIENCE

NC STATE SATELLITE PROGRAM

SATELLITE (Science and Technology Enriching Lifelong Leadership in Tomorrow's Endeavors) is an exciting five-day adventure at NC State University for selected high school sophomores. During the camp, SATELLITE scholars are exposed to a wide range of NC State's science and technology resources while exploring future educational and career opportunities in a variety of fields. Scholars also get a feel for the college experience—living in student dorms, attending lectures, hands-on laboratories, and interactive demonstrations.

Eligibility: Satellite scholars are current high school sophomores. The program is intended primarily for students who have exhibited a strong interest in mathematics and science, but not necessarily limited to students at the top of their class.

Where: NC State University

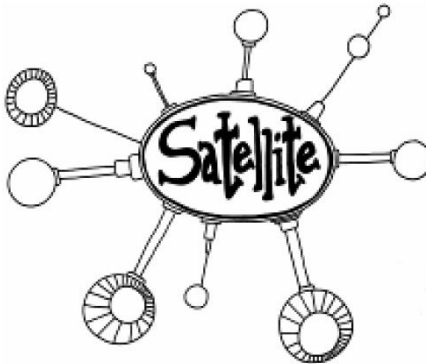
Apply:

- The application for SATELLITE 2017 has not yet been opened. Keep checking their Facebook page. <https://clubs.ncsu.edu/satellite/>

When: Prior camps ran from May 9-13th.

Tuition

- Cost of the Satellite program is \$30 dollars per camper. The payment is due after notification of acceptance into the program.



SUMMER VENTURES

Summer Ventures in Science and Mathematics is a no-cost, state-funded program for academically talented North Carolina students who aspire to careers in science, technology, engineering, and mathematics.

As a rising high school junior or senior, you live on a college campus for four weeks in the summer and conduct research around topics of your interest — while enjoying the company of like-minded peers.

Who can apply?

- Rising high school juniors or seniors who have not already participated in Summer Ventures in Science and Mathematics.
- Students whose custodial parent or guardian lives in North Carolina as of December 1, 2016.
- Students with proven academic ability, motivation in STEM fields of study, and emotional maturity.
- Students may apply to both Summer Ventures and Governor's School, but they must choose one if accepted to both programs.
- Students may apply to both Summer Ventures and North Carolina School of Science and Mathematics (NCSSM). Students must choose between Summer Ventures or the NCSSM residential program if accepted to both. NCSSM Online students can attend Summer Ventures.
- A student on the NCSSM residential waiting list who is later accepted may attend Summer Ventures.

What do I need to apply?

Applicants must provide:

- Student application
- Confidential teacher evaluation
- Confidential counselor evaluation
- Evidence of academic performance

What happens after I apply?

An admissions committee, comprised of professionals from across North Carolina, selects finalists to participate in Summer Ventures. Each finalist is assigned to a specific institute site based primarily on academic program preferences.

Key Dates:

January 15 - Applications due

April 4 - Students notified of decisions

April 6 - Students respond to invitations to attend

June 15 - Some Summer Ventures programs begin

Contacts:

- **Melissa Thibault**
Vice Chancellor for Distance Education and Extended Programs
919-416-2877
thibault@ncssm.edu
- **Kathy Jackson**
Office Manager
919-416-2876
jacksonk@ncssm.edu

Website: <https://www.ncssm.edu/summerventures>

UPWARD BOUND MATH & SCIENCE REGIONAL INSTITUTE (PRISM)

Claflin University, South Carolina

The Claflin University PRISM Program is an Upward Bound Math and Science Regional Center and is a federally funded TRIO Program. Since 1990, this program has successfully helped students overcome academic, cultural, and social barriers to higher education in science and math related areas. UBMS/PRISM provides a highly focused learning experience in science and mathematics for students with sharp minds and can-do spirits.

The UBMS/PRISM Program is designed for students who have a strong interest in pursuing a career in a science, math or technology related field. In order to participate in the program, one must:

- Have a keen interest in a science or math career.
- Be enrolled in the 9th, 10th or 11th grade.
- Be enrolled in or have successfully completed Algebra I and Physical Science, unless it is not offered at a student's respective high school
- Reside in Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina or Tennessee
- Participate in Upward Bound or Talent Search or be eligible for participation (by meeting federal guidelines for income and/or be a potential first generation college student.)

The program provides an intense, six-week residential summer component and an academic component with advising and counseling as well. The summer component college living experience includes:

- Classroom and laboratory instruction in mathematics(algebra 2, geometry, pre-calculus, or calculus), science (biology, chemistry or physics), computer science, English/literature and basic Latin
- Shadowing and/or Mentoring
- Career related field trips
- Guest lecturers
- Student research

The Upward Bound Math & Science Program is offered at no expense to eligible participants. The goal of the program is to provide students with the opportunity to achieve academic success. Participants and parents are expected to abide by the terms of the program. Failure to comply can result in the dismissal of a participant from the program. Students who complete the session and exhibit satisfactory participation receive stipends. All fees, including travel, food, and lodging expenses, associated with participation in the program will be paid by the Upward Bound Math and Science Program (PRISM).

Apply:

Complete application packet by March 3, 2017.

Mail application to:
Clafin University
400 Magnolia Street
Orangeburg, SC 29115

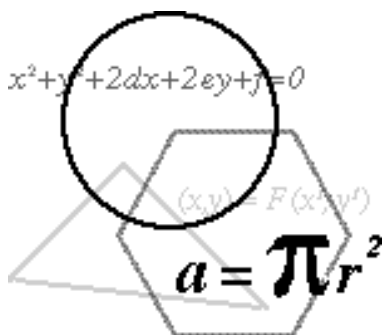
For more information please contact:

Ms. Sharon M. Capers
Director of PRISM
Phone: (803) 268-1142
Email: scapers@clafin.edu

Website: <http://www.clafin.edu/student-life/services-support/trio-programs/upward-bound-math-and-science>

UPWARD BOUND MATH & SCIENCE REGIONAL INSTITUTE

Morehouse College, Georgia



The Morehouse College Upward Bound Math/Science Regional Center is designed to provide 50 eligible students an intensive six-week summer curriculum to students currently enrolled in high school throughout the southeast region of the United States. This program assists students to develop critical thinking, scientific, analytical skills, and effective expressions. Students will be given the opportunity to work in various labs and get hands-on computer experience. Students will be given exposure to a variety of science, math and engineering careers.

Students also will experience innovative instructional methodologies

Students will take classes in Math, Technical Writing, a range of Laboratory Sciences, Computers, and Latin. Students will conduct research at various lab sites throughout the southeastern region.

Applicants must be currently enrolled in the 10th or 11th grade in a school from the southeastern United States: Alabama, Georgia, Florida, Kentucky, North and South Carolina, Mississippi, and Tennessee. Applicants must be a first generation student and must meet the [federal government guidelines for low-income families](#).

All students are required to live on campus.

Applications and Forms

Instructions

You must complete the ENTIRE application. Any incomplete applications will not be considered for admittance to program

A complete package includes (Visit the website to apply):

- [Complete Application](#) (Online)
- Verification of Income - [Click here](#) to view the income chart used to determine low-income status. *Please remember that we review your taxable income, not your gross income.*
- [Counselor Recommendation](#)(online)
- [Teacher Recommendation](#)(online)
- Transcript

Website: <http://www.morehouse.edu/academics/trio/ubregional/>

PRE-COLLEGE

CHUCK STONE PROGRAM FOR DIVERSITY IN EDUCATION AND MEDIA

The School of Media and Journalism at UNC-Chapel Hill conducts the Chuck Stone Program for Diversity in Education and Media. The first workshop was held for rising high school seniors in 2007. The program honors the legacy of Professor Charles 'Chuck' Sumner Stone Jr., who retired from the school in 2005. The 2017 Chuck Stone Workshop will include classroom study, real-world reporting, newsroom practice and professional mentors. The workshop will consist of 50 hours of multi-platform storytelling and writing. Twelve participants will be chosen.

Where: University of North Carolina at Chapel Hill

Eligibility: High School students who will be seniors in the 2017-2018 school year and who have expressed a career interest in journalism.

Apply:

- Application deadline is March 1, 2017.
- Application consists of application, high school transcripts, letter of recommendation, three signatures as designated on the application, and essay

<http://mj.unc.edu/sites/default/files/chuckstonead2017.pdf>

When: July 2-July 22, 2017

Tuition: Paid expenses will include:

-Roundtrip airfare to and from the workshop site (Some exclusions may apply. For more information, notify Chuck Stone Program.)

-Meals

-Lodging

Students will be responsible for incidentals



JULY EXPERIENCE @ DAVIDSON COLLEGE

The program is sponsored by Davidson College and offers a preview of college life on one of the most beautiful residential campuses in the Southeast.

Where: Davidson College

Eligibility: July Experience is a pre-college summer enrichment program for rising high school juniors and seniors who are highly motivated, academically oriented and self-disciplined.

Apply:

- Online application is now open! Students, including international students, are encouraged to use this system. See the Scholarship/Financial Aid page for paper applications.
- The application deadline is **March 31, 2017**. Applicants are encouraged to apply as early as possible.
- Recommendations from the secondary school counselor and principal are to be mailed with the application (the online application has directions at the end for this).
- Please ask your counselor to include an official high school transcript with his/her recommendation form.
- Applications will be reviewed and acceptance letters emailed by the third week in April.
- If applying for scholarship, please refer to the [Scholarship/Financial Aid page](#) for instructions.

When: July 2-July 22, 2017

Tuition

Includes:

- Room and board
- Laundry once a week
- Activities and entrance fees, and program costs
- Excludes the cost of textbooks, course supply fees (if applicable), travel expenses, and personal spending money.

For questions regarding the application process, please contact the Davidson July Experience office by emailing [julyexp@davidson.edu](mailto:julyexp@ davidson.edu) .

Website: <https://www.davidson.edu/offices/july-experience>

NATIONAL YOUTH LEADERSHIP FORUM ON COLLEGIATE SUCCESS (NYLF/CS)

What is NYLF/CS?

The National Youth Leadership Forum on Collegiate Success (NYLF/CS) is a comprehensive four-day residential program designed to provide promising high school students with the skills they will need to effectively transition from high school to college. Prior to arrival at the Forum, students will complete the DiSC® inventory, which will be utilized to help them discover their natural strengths, behavioral tendencies and beliefs. With a heightened sense of self-awareness, students will learn to leverage their natural talents. Each student will leave the Forum with a personalized profile report to take home with them to share and reference in the future.

Scholars also attend a series of workshops and seminars on campus that are designed to help them achieve long and short term goals, enhance interpersonal and communications skills and build their personal brand and personal network.

Workshop and Seminar Topics Include:

- Learning Styles
- Financial Literacy
- Self-Discipline & Time Management
- Personal Responsibility & Decision Making
- Developing Your Personal Brand
- Conflict Resolution
- Stress Management & Work/Life/Social Balance
- Networking
- Additionally, students will be able to select elective topics covering:
- Selecting a School — The Right Fit
- Choosing a Major
- Effective Essay Writing
- First Year Pitfalls
- Mastering the Application Process
- Mock Interviewing

The Forum on Collegiate Success concludes with a group project where students design and complete a comprehensive digital strategic plan by synthesizing and articulating the skills and topics discussed throughout the Forum to address issues they will encounter during this transitional period. The presentations will be shared during the final commencement ceremony where groups will have the ability to share their work with their peers, families and faculty in attendance.

Students will leave the Forum with the critical experience that will fully prepare them for their transition to higher learning with a strong foundation of real-world skill sets that they will begin using today and continue to use tomorrow and throughout the rest of their lives.

Dates & Locations for Summer 2012:

The National Youth Leadership Forum on Collegiate Success (NYLF/CS) will be held in 5 locations nationwide in summer 2012.

- University of Pennsylvania
Philadelphia, PA
June 28 - July 1, 2012
- Yale University
New Haven, CT
July 5 - July 8, 2012
- Johns Hopkins University
Baltimore, MD
July 12 - July 15, 2012
- University of North Carolina
Chapel Hill, NC
July 12 - July 15, 2012
- Stanford University
Stanford, CA
August 2 - August 5, 2012

Website: <http://www.nylf.org/cs/>

NC STATE DESIGN CAMP

At Design Camp, we welcome campers into college-design studio spaces to learn how design knowledge and skills can help them understand the world around them and do what it takes to make it better. Design Camp projects challenge students to explore their creativity and critical-thinking skills while pushing them to try a range of techniques and media. Please see the complete list of 2017 Design Camps (includes description of camps, dates of camps and cost of camps)

<https://design.ncsu.edu/academics/design-lab-k-12-education/pre-college-programs/design-camp>

Eligibility:

- Students eager to learn more about design in a college environment
- Beginners interested in developing skills and creativity through hands-on experiences
- Rising 7-12th graders wanting to meet other creative students their age who are interest in art and design
- Students who are curious about the world around them and have ideas for how to make it better

Where: NC State

Apply:

- Registration for Design Camp 2017 opens Friday, February 17th.
- Visit the registration information page for information on registering
- <https://design.ncsu.edu/academics/design-lab-k-12-education/pre-college-programs/design-camp>

Tuition:

The Design Lab will consider requests for financial assistance based on demonstrated need and student motivation. Scholarships are also available. The deadline to apply for financial assistance and scholarships for Design Camp is April 1, 2017.

NC STATE Design

NORTH CAROLINA RENAISSANCE @ UNC CHAPEL HILL

The North Carolina Renaissance (NCR) program invites rising juniors from rural communities for an educational four-day enrichment program. The objective of the program is to inspire high-achieving scholars to pursue their educational aspirations while developing unique leadership skills.

The program will run **May 17-20, 2017**. There is a \$25, non-refundable registration fee that covers all program materials, lodging, and meals (travel is not included).

Program Highlights

NCR is packed with sessions throughout the four-day program. Students will participate in specially designed sessions including leadership and team building, college admissions, financial aid, and community service.



Frequently Asked Questions for Students

- 1. Who is eligible to attend NCR?**
The program is open to high school sophomores, particularly from rural counties of North Carolina.
- 2. How much does NCR cost?**
There is a \$25.00 processing fee which covers housing, food, and transportation while on campus. Fee waivers are available upon request.
- 3. What is the purpose of NCR?**
NCR is an educational four-day enrichment program that inspires scholars to pursue their educational dreams and to broaden the scope of their experiences.
- 4. What types of activities will participants of NCR engage in during the week?**
During the week students will engage in academic seminars, social functions, cultural activities, team building activities and leadership development sessions.
- 5. When does the application open/close?**
The applications are available starting December 1 and close on January 1.
- 6. Who do I contact if I have any further questions about the program?**
If you have any questions about the program, please contact ncr@unc.edu
- 7. How do I upload my transcript to the application?** Ask your high school counselor to send you a copy of your transcript and then upload the file as an attachment to the application. Or, scan and email yourself a copy of your transcript and upload the file as an attachment to the application. Please ask your high school counselor if you need any additional assistance.

Frequently Asked Questions for Guidance Counselors and Parents

- 1. What is the cost of this program?**
There is a \$25.00 processing fee which covers housing, food, and transportation while on campus. Fee waivers are available upon request.
- 2. What are the benefits of attending NCR?**
Rising juniors who attend NCR will have the opportunity to explore UNC and attend a series of sessions including: leadership, team building, college admissions, financial aid, and community service. The objective of the program is to inspire high-achieving scholars to pursue their educational aspirations while developing unique leadership skills.
- 3. What type of high school student is NCR looking for?**
NCR looks for students from rural counties and/or underrepresented populations around North Carolina who show great academic promise.
- 4. How do I go about nominating a student?**
Guidance Counselors nomination forms can be found [here](#). If you have any questions or concerns about the nomination process, please contact our office at (919) 843-6086
- 5. How do students apply?** Guidance Counselors should encourage students to complete the online application before the January 31 deadline. A complete application will require their transcript to be uploaded.
- 6. Who do I contact if I have any further questions about the program?** If you have any questions about the program, please contact ncr@unc.edu.

MAILING ADDRESS:

North Carolina Renaissance
The University of North Carolina at Chapel Hill
CB# 9128, Suite 2105 SASB North
Chapel Hill, NC 27599-9128

CONTACT INFORMATION:

If you have any questions about NCR, please email UNC Diversity and Multicultural Affairs at ncr@unc.edu or call (919) 843-6086.

Deadline: January 1, 2017

Website: <http://diversity.unc.edu/resources/prospective-students/summer-institutes/north-carolina-renaissance/>

NC STATE TEEN WRITERS WORKSHOP

This summer program consists of afternoon workshop sessions to help teens develop their creative writing talents.

Eligibility:

- Rising 9-12th graders and graduates who will enter college in Fall 2017.

Where: NC State

Apply:

- The 2017 Teen Writers Workshop will meet weekday afternoons, July 24-August 4, 2017. Registration for the 2017 workshops will open on March 1, 2017.

<https://english.chass.ncsu.edu/youngwriters/teenwriters.php>

- For more information or further questions about the workshop, contact the Director: Dr. William K. Lawrence, Email: wklawren@ncsu.edu

Tuition:

Upon acceptance, please send payment and the waiver. Early bird registration is March 1 – March 31, \$275.00. The Teen Writers Workshop will consider requests for financial assistance based on demonstrated need and student motivation. Limited financial assistance is available. The deadline for financial assistance for the 2017 workshop is June 11.

Department of English

PROJECT UPLIFT @ UNC CHAPEL HILL

Project Uplift is a special program that enables high-achieving rising seniors to experience college life on the Carolina campus. Students spend two days visiting classes, meeting with faculty and staff, interacting with Carolina students, and participating in cultural and social activities. The individual program dates are May 25-27, June 1-3, June 8-10, and June 15-17. There is a nonrefundable \$25 program fee which covers all meals, housing, t-shirt, and program materials. Please note this fee does not include travel costs to Chapel Hill. If you have a student with demonstrated financial need, you or the student may email project_uplift@unc.edu for information on a fee waiver.

Who is eligible for nomination?

Project Uplift is designed for students from underrepresented populations such as American Indians, African Americans, Hispanic/Latinos, and Asian Americans. We also welcome prospective first-generation college students and individuals from disadvantaged backgrounds. Students should be academically motivated, rank in the top 20% of their class, be enrolled in a curriculum that includes AP course(s), foreign language, and advanced mathematics. Project Uplift nominees show active involvement in extracurricular activities and have demonstrated leadership.

How does the nomination process work? Each high school can nominate up to 15 students to apply to Project Uplift. Nominating students is a simple three step process:

1. Download our 2017 Project Uplift Nomination Form
2. Use the first page to keep track of who you nominate
3. Notify your nominees by presenting them with a hard copy of the Certificate. We encourage you to inform the students' families about the honor of being nominated to Project Uplift. You could also email the certificate to nominated students.

What are the deadlines?

Students have until January 1, 2017 to submit their application, so it is best if you nominate students as soon as possible.

Can you provide me a list of students that I/we nominated for Project Uplift? We ask that all counselors keep a list of their nominees. You can use the first page of the 2017 Project Uplift Nomination Form as your tracking document.

When will students receive a decision after applying to Project Uplift? We plan to notify students in early March via email. Admitted students will receive information at that time on how to register for the date they wish to attend.

Can you tell me which students are attending, which week are they attending and whether they have attended? Students may manage all aspects of their registration online by logging into MyCarolina and viewing their registration details. Please ask your students for more details about the event they registered for.

I want to nominate a student that is below the top 20% of his or her class. Can I? We ask that counselors use their professional judgment when nominating students for Project Uplift. Many schools do not rank, do not follow a traditional ranking system, or have exceptional students beyond the recommended top 20%. Students may also have special circumstances beyond our knowledge. We trust you will nominate students who are academically motivated and will both benefit from and contribute to the program.

How can I get on your email listserv for Project Uplift notifications? We want to communicate with counselors and school administrators regularly on all matters related to UNC Admissions, including programs such as Project Uplift. To receive these regular monthly updates, please email us at counselor@admissions.unc.edu. If you are a parent or student and would like more information about Project Uplift, please email project_uplift@unc.edu.

Can current sophomores (rising juniors) attend Project Uplift? Project Uplift is designed exclusively for current juniors (rising seniors). We encourage you to learn more about Heels for Success.

Where can I find more information? The Office of Diversity and Multicultural Affairs has additional information on their site. Also, please do not hesitate to contact us with any questions or concerns.

Deadline: January 1, 2017

Website: <http://admissions.unc.edu/project-uplift-2/>

TELLURIDE ASSOCIATION SUMMER PROGRAM

Summer Program for Juniors (TASP) | 2017 Programs

"No one had wanted me to truly think before, and TASP came not politely asking, but demanding that I read and analyze, present my view and then defend it." - Meredith Durkin, student

[Cornell I Program](#)
[Cornell II Program](#)
[Michigan I Program](#)
[Michigan II Program](#)



Cornell I Program

Literature Takes on Moral Complexity

Telluride House, Cornell University, Ithaca, New York

June 25 - August 5, 2017

Faculty: Professor Kathleen Long and Professor Marilyn Migiel, Department of Romance Studies, Cornell University

Factotum: TBA

In this seminar, we will ask how literature helps us to formulate ethical questions, i.e., questions for which there is no single, objectively correct answer. We concentrate on literature, as opposed to philosophy or history, because certain aspects of literature make it ideal for taking on complex ethical questions.

Literature can be used to persuade or even manipulate; it appeals to our emotions as well as our reason, and may even call into question the neat division between the two. It forges sympathies that tie us as readers to characters and narrators, even as we suspect their motives.

The seminar will focus on great writers and storytellers of early modern Europe (e.g., Boccaccio, Machiavelli, Montaigne, Marguerite de Navarre, Bandello), with additional consideration of how ethical questions posed by these early modern writers continue to surface in modern times (including in TV series, movies, and books). We will also discuss some of the writings by modern thinkers who have participated in debates on literature and ethical criticism.

Throughout, we will grapple with questions like: What obligations do I have to myself

and to others? What does honor mean to me? Are any means acceptable to achieve desirable, even morally laudable, ends? What can a boss, a head of state, a family member legitimately demand of me? When I report information, what does it mean to report it "faithfully"? When is it OK to deceive others, to break the law, to take justice into my own hands? Is it right to use unethical means to trap an unethical person or to stop unethical behavior? How do I avoid doing harm in a world where the ethical choices are often unclear?

Cornell II Program

Democracy and Diversity

Telluride House, Cornell University, Ithaca, New York

June 25 - August 5, 2017

Faculty: Professor Angelia Means, Independent Scholar; and Professor David Peritz, Department of Political Science, Sarah Lawrence College

Factotum: TBA

Does democracy work only in homogenous societies? Only in such societies, it has long been maintained, can a people be sufficiently similar to form shared political understanding and projects. Absent considerable commonality—religious, linguistic, ethnic, racial—it is feared that democracy deteriorates into the tyranny of the majority or a war of all against all. But we are in the midst of a dramatic shift in which democratic societies are increasingly diverse and their citizens less willing to "forget" their many differences to melt into a dominant national culture. These developments raise some basic questions. Is it possible to achieve sufficient agreement on fundamental political issues in a diverse society to sustain democracy? Can the character of political community or the nation be reconceived and reformed? If not, is democracy doomed? Or might it be possible to reform democracy to render it compatible with conditions of deep diversity? If so, does the democratic claim to legitimacy also need to be transformed?

This seminar will explore these questions in a number of ways. We will study exemplary historical statements of the ideal of democracy, drawing on traditional and contemporary works in political philosophy. We will also draw on contemporary work in sociology, anthropology, cultural and legal studies, and political science to examine the nature of social and cultural diversity including religion, gender, sexuality, race, ethnicity, and class. Finally, we will explore works that bring these themes together by attempting to (re-) articulate the relevance of specific identities to political engagement and the general ideal of democracy in light of increased diversity. Specific themes to be considered include the expansion of rights to accommodate claims of cultural difference, race, and democracy; the expansion of the practice of democracy in an era of globalization; and the ethics of identity.

Website: <http://www.tellurideassociation.org/our-programs/high-school-students/summer-program-juniors-tasp/>

SCIENCE

CAROLINA PHARMACY LEADERSHIP, EXCELLENCE, AND DEVELOPMENT (LEAD) PROGRAM

The Carolina Pharmacy Leadership, Excellence, And Development (LEAD) program is a one-day preparatory and professional development program geared toward underserved and underrepresented students who are interested in exploring a career in pharmacy and learning how to be competitive in the pharmacy-school admissions process.

Please know that these programs are not limited to underserved and underrepresented students. All interested students are encouraged to apply. There is no cost to program participants, but out of town participants are responsible for their own travel and lodging.

The UNC Eshelman School of Pharmacy will host six events for LEAD program participants in 2017:



Chapel Hill Campus
June 19: High School Session

Those admitted to the program will be exposed to and explore the phenomenal career opportunities available in pharmacy and pharmaceutical sciences, meet and build relationships with leaders in the profession, and learn how to improve their performance on admissions tests and how to be a successful applicant through professional development and leadership activities.



Participants will engage in interactive classes and seminars and meet with faculty and students from one of the nation's leading pharmacy schools. They will also meet with innovative clinicians and cutting edge researchers from a variety of pharmacy practice settings.

Website: <https://pharmacy.unc.edu/academics/events-for-prospective-students/lead-program/>

CAROLINA VISIONS SUMMER CAMP

High school students participate in a one-week residential program at the University of North Carolina at Chapel Hill. They visit health care professionals at the Schools of Medicine, Pharmacy, Nursing, Allied Health, Dentistry and Public Health. A variety of team building and leadership activities also take place at the camp.

Serving Durham, Franklin, Granville, Johnston, Lee, Person, Vance, Wake, and Warren counties.

Contact Information:

Director of Health Careers and Workforce Diversity
Wake AHEC
3261 Atlantic Ave, Suite 212
Raleigh, NC 27601-1657
Phone: 919-350-8547
Fax: 919/350-0470



Website: www.wakeahec.org

Wake AHEC
Educating present and future
healthcare providers

CLIMATE LEADERSHIP AND ENERGY AWARENESS PROGRAM (CLIMATE LEAP)

About Climate LEAP:

In 2009, the UNC Institute for the Environment and the Morehead Planetarium and Science Center (MPSC) launched a science enrichment program, with support from the Burroughs Welcome Fund. The Climate Leadership and Energy Awareness Program (Climate LEAP) engages rising 9th-12th grade students from Durham and Orange counties in interdisciplinary, hands-on and minds-on science and mathematics activities and develops science communication and leadership skills. This program is conducted in partnership with the Alliance for Climate Education and the UNC Department of Physics and Astronomy.

Program Goals:

The goals of Climate LEAP are to:

- increase students' knowledge and understanding of climate change science and the solutions proposed to address climate change;
- nurture student enthusiasm for science and mathematics;
- increase student interest in science careers; and
- provide an opportunity for students to communicate their knowledge to others.

In 2016, 24 students will participate in a free one-week, non-residential Summer Institute on the campus of UNC-Chapel Hill and at least three out of four half-day Saturday Academies during the school year. In addition, students will conduct a climate change outreach project and receive service learning hours towards their high school graduation requirement. Students may choose to conduct activities with participants in the MPSC Afterschool Program (MAP) or will receive support for outreach in alternate settings. Climate LEAP participants will also have the opportunity to assist in future Summer Institutes, Saturday Academies, or the MAP.

Summer Institute:



The 2012 Summer Institute will take place from August 1st -August 5th on the campus of UNC-Chapel Hill. During the Summer Institute, students meet daily, Monday - Friday, from 9:00AM to 3:30PM, with snacks and lunch provided.

Saturday Academies:

Four, follow-up Saturday Academies will be offered during the academic year and Climate

LEAP participants are asked to come to at least three. Students will receive one \$250 stipend upon completion of fall and spring follow-up activities.

2011-2012 Program: Saturday Academy Dates

- Saturday, February 25th, 2012
1PM-4:30PM at the UNC School of Government
Topic: Civic Engagement and Climate Change
- Saturday, March 17th, 2012
1PM-5PM at the NC Botanical Garden
Topic: "Green" Spaces

2012-2013 Program: Saturday Academy Dates to be announced in July 2012

For information about this program, please contact:

Dana Haine, Program Director
CB#1105
Chapel Hill, NC 27599
(919) 843-5735
climateleap@unc.edu

Website: <http://ie.unc.edu/climateleap/>



GIRLS ON OUTDOOR ADVENTURE FOR LEADERSHIP AND SCIENCE

What is GALS?

GALS is a summer science program in the Pisgah National Forest for 8 high school girls. Over the course of 13 days, girls will learn ecology, earth science, and chemistry through exploring their surroundings with scientists from Duke University. This program is offered free of charge to motivated girls. GALS provides girls with the unique opportunity to gain hands-on experience in science and experiential education while immersed in a supportive community of peers.

GALS strives to cultivate a passion for environmental science, develop leadership abilities, enhance critical thinking skills, and promote teamwork in each participant. The program consists of formal scientific instruction, informal environmental investigation and experimentation, and small group discussions – all while backpacking through the beautiful Pisgah National Forest. In addition to engaging in science, girls participate in discussions on environmental ethics and have opportunities for environmental journaling, reflection, and art. Girls are encouraged to push themselves outside their comfort zones and to try new activities, while simultaneously gaining self-awareness and self-confidence. While the entire team consists of 8 girls, every night we will break into smaller groups for reflection activities and leadership development.



A typical day will consist of wake-up, breakfast, and breaking down camp. We will then hike 6-8 miles, with stops along the way to learn about our surroundings, conduct experiments, and eat lunch. Once we arrive at the next campsite, we will set up camp. We will then continue experiments and engage in team building activities until dinner. After a scrumptious meal cooked on our camp stoves, we will have time for evening reflections and leadership development.

Cost & itinerary

This program is **free** for all participants.

Day 1: Students arrive for the beginning of GALS. We will spend some time getting to know each other and checking our gear before heading out for our first night at a campground.

Days 2-6: We will embark on our first backpacking trip. Students will engage in scientific exploration while backpacking through Pisgah National Forest. During this section of the trip, students will learn about the scientific process and engage in small group projects.

Days 7-12: We will continue scientific exploration on a second backpacking adventure in another section of Pisgah National Forest. During this section of the trip, students will engage in individual projects.

Day 12: We will head out of the woods and back to Durham, and students will finalize their individual projects.

Day 13: Students will deliver presentations of their individual projects to parents, guardians, and friends.

Program dates

GALS will be held on June 11-23, 2017. Pick-up and drop-off will occur at Duke University in Durham, North Carolina. Parents, guardians, and friends are encouraged to attend the student presentations on June 23 at Duke University.

Gear

Duke Outing Club has generously lent us any necessary gear – including raincoats, rain pants, backpacking packs, tents, sleeping bags, sleeping pads, and stoves. You will not have to purchase anything extra for your child to participate in GALS.

Selection process

Girls will be selected to participate in GALS based upon motivation, interest for science, and a team spirit. No previous backpacking experience is necessary nor are grades the determining factor. Participants are not restricted to North Carolina residents; any girl can apply, as long as she can provide her own transportation to/from Durham, North Carolina. Preference is given to girls who have not had similar previous opportunities. Participants who have completed [Duke University's Environmental Science Summer Program](#) are encouraged to apply. Applications consist of a questionnaire and 2 letters of recommendations. Applications will open in December and close on March 10. Girls will be notified of selection by April 15.

Application Information

Click here to start your application:

https://duke.qualtrics.com/jfe/form/SV_5AYDSgPsv0ZSMRf

Applications consist of a questionnaire and 2 letters of recommendation. Applications will open in December and close on March 10. Girls will be notified of acceptance by April 15.

Letters of recommendation should be sent to jacqueline.gerson@duke.edu, with "GALS Letter of Reference" in the subject line by March 10.

Girls will be selected to participate in GALS based on motivation, interest in science, and a team spirit. No previous backpacking experience is necessary, nor are grades the determining factor. Preference is given to girls who have not had similar opportunities. Participants who have completed Duke University's Environmental Science Summer Program are encouraged to apply.

Website: <https://sites.duke.edu/gals/>

INSPIRING GIRLS EXPEDITIONS

Unique, Tuition-Free, Wilderness Expeditions for Young Women

Eligibility: Inspiring Girls Expeditions are open to girls aged 16 and 17 on June 1, 2017. Most expeditions are open to girls all over the world and don't require any specific skills, just a willingness to learn and explore and to do some physical tasks. We are looking for girls who have a genuine interest in science, art, critical thinking and the outdoors, and who wouldn't normally have opportunities to experience those things outside of school. Some programs have exceptions, so please read over the expedition page and the FAQ section before applying.

Where: 2017 Expeditions - ***Girls on Ice – Alaska** (June 16-27, 2017), ***Girls on Ice-Cascades** (July 16-27, 2017), ***Girls in Icy Fjords** (August 11-22, 2017), ***Girls on Ice – Switzerland** (July 15-25, 2017)

Apply:

- Applications are due on January 31, 2017 at 9:00 a.m. Alaska time.
- <https://www.inspiringgirls.org/>

When: Applications due on January 31, 2017, Will look at both your answers to questions, as well as your teacher recommendations. Will not choose girls based solely on their individual applications, we choose the team as a whole, based on what the girls can bring to the team. Team announcements will be made through email on March 15, 2017.

Tuition

- Free Program

For questions regarding the application process, please contact apply@girlsonice.org



MARINE SCIENCE CONSORTIUM SEA S.T.A.R. PROGRAM

An Eight Week Coastal Education and Leadership Internship Program for Rising High School Seniors

Dates: Sunday June 11, 2017 – Sunday August 12, 2017

Do you love the ocean and the outdoors? Do you have an interest in studying wild and diverse ecosystems? Do you dream of one day working as a Marine Biologist? Get ready for the summer adventure of a lifetime! The Marine Science Consortium is excited to offer a Coastal Education and Leadership Program for rising High School Seniors. This internship allows students to gain experience in an Environmental Education program while researching a Marine Science Project that interests them.

We are looking for six rising high school seniors (currently juniors age 16 and older) with an interest in education, biology or science. Students must have a strong academic profile and be interested in an opportunity to work in an outdoor environmental education setting. Interns will spend a lot of time outdoors in marine environments. Students who are enthusiastic and outgoing, can work easily with others and are organized, with good attention to detail will be the best fit for this internship.

For 8 weeks students will live, work and play on the Marine Science Consortium's main campus, in Wallops Island, VA. This internship includes three components: programs, research and enrichment. Students will work alongside program staff to provide environmental education programs and summer camp activities; periodically attend college level courses; develop their own research project or legacy project; and explore the exciting marine habitats of the Eastern Shore of VA. This eight week program is a wonderful opportunity to enhance and develop self-confidence, self-awareness, communication skills, and personal leadership style. The internship is a unique opportunity for students to gain job experience, to learn about the exciting field of Marine Science and to make new friends. Students will gain work and research experience that they may then apply in their senior year in high school and beyond.

Since 1965 The Marine Science Consortium has educated and inspired thousands of children, youth, and adults about the marine and coastal ecosystems along the Mid-Atlantic Region through place-based, hands-on experiences. MSC is ideally located on Virginia's Eastern Shore, between the powerful Atlantic Ocean and ecologically important Chesapeake Bay. The barrier islands of the Eastern Shore create a series of habitats that are biologically diverse and geologically dynamic. These natural classrooms introduce students to a variety of concepts in the biological, chemical, and physical sciences.

APPLICANT QUALIFICATIONS/ REQUIREMENTS

- Ability to work on a team, energetic and open to learning
- Strong interest in Science, Education, Marine Biology or Ecology
- Experience working with kids is a plus but not necessary
- This position requires applicants to be able to lift 45 lbs and walk distances of 1 mile at time

APPLICATION REQUIREMENTS

- Cover Letter
- Intern Application
- School Transcript
- Two Signature-Sealed Letters of Recommendation (one from a teacher)
- Phone Interview
- Interns must be at least 16 years old by the first day of the internship and must have completed their junior year of high school

IMPORTANT DATES

- Nov 28, 2016 – Begin accepting applications
- Feb 2, 2017 – All Application materials due

INTERNSHIP COST

- This is an unpaid internship. However meals and lodging during the program are free of charge.
- Interns are responsible for their travel to and from the program at the beginning and end of the summer.
- Interns are responsible for personal spending money during the program (i.e. coin operated laundry, dinners off campus, movies, etc.)

EMAIL OR MAIL COMPLETED APPLICATIONS TO:

C. Parker McMullen-Bushman
Special Programs Coordinator
The Marine Science Consortium
34001 Mill Dam Road
Wallops Island VA 23337
specialprog@msconsortium.org
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NATIONAL INSTITUTE ON DRUG ABUSE INTERNSHIP PROGRAM

The National Institute on Drug Abuse (NIDA), part of the National Institutes of Health (NIH), announced that today kicks off the application period for summer research training opportunities at its Intramural Program (IRP) facility in Baltimore, Maryland. The internship program — now in its 21st year — is part of NIDA's commitment to introducing the science of addiction to some of the best and brightest young scientists in America.

Students who are accepted to the program will work closely with some of the world's leading addiction scientists in an environment devoted exclusively to leading biomedical research. The IRP facility includes numerous basic research laboratories, a brain imaging facility, and an outpatient treatment clinic. Examples of research projects include: drug-seeking behavior in rats, smoking cessation, genomic studies for nicotine dependence, and the effects of methamphetamine and cocaine on the brain.

"NIDA's program offers students the opportunity to obtain hands-on training and experience that most would not otherwise receive through their high school or college curriculum," said Stephen J. Heishman, associate director for education and training at the IRP and coordinator of the NIH Summer Internship Program. In addition to their research projects, students attend seminars about the various facets of drug abuse research and participate in a poster session at the conclusion of the internship in which they present their findings to NIH scientists.

The Summer 2008 Internship Programs are for students 16 years of age or older who are enrolled at least half-time in high school, have finished high school, or are attending an accredited U.S. college or university. All internships pay monthly stipends based upon education levels, but housing costs are not paid. To be eligible, candidates must be U.S. citizens or permanent residents. The internships run a minimum of eight weeks, with students generally arriving at the NIH in May or June.

Like many of the research training programs at the NIH, the Summer Internship Programs are very selective. NIDA is particularly interested in recruiting students who are from disadvantaged backgrounds and from ethnic groups whose participation in science has been traditionally limited. Information about the Minority Research Training Program at the NIDA IRP can be obtained from Christie Brannock at 410-550-2953 ext. 372 or cbrann@intra.nida.nih.gov.

Prospective candidates should apply electronically via the Internet — the application deadline is **March 1**. For more information, visit <http://www.training.nih.gov/student/sip/index.asp>.

The National Institute on Drug Abuse is a component of the National Institutes of Health, U.S. Department of Health and Human Services. NIDA supports most of the world's research on the health aspects of drug abuse and addiction. The Institute carries out a large variety of programs to inform policy and improve practice. Fact sheets on the health effects of drugs of abuse and information on NIDA research and other activities can be found on the NIDA home page at www.drugabuse.gov.

The National Institutes of Health (NIH) — *The Nation's Medical Research Agency* — includes 27 Institutes and Centers and is a component of the U.S. Department of Health and Human Services. It is the primary federal agency for conducting and supporting basic, clinical and translational medical research, and it investigates the causes, treatments, and cures for both common and rare diseases. For more information about NIH and its programs, visit www.nih.gov.

Application Procedures

Application Open Jan 1 - Feb 10, 2017

Deadline Feb 10, 2017

Interns will receive stipends in the amount of \$12.00 per hour for a maximum of \$3,840 for eight weeks

Application components

Completed application

Current transcripts (unofficial transcripts acceptable)

Two letters of recommendation on letterhead

Website: <http://www.training.nih.gov/student/sip/index.asp>

NATIONAL YOUTH LEADERSHIP FORUM ON MEDICINE (NYLF/MED)

The National Youth Leadership Forum on Medicine (NYLF/MED) introduces outstanding high school students to the world of medicine. This program familiarizes students with the various professions available in the medical field. With close cooperation from the nation's most prestigious and technologically-advanced hospitals, research facilities and medical schools, students attending the Forum on Medicine are challenged and motivated as they focus on a broad range of topics, including educational requirements, career options, clinical practice and complex ethical and legal issues facing the medical profession today.

Students discover medical specialties and primary care with current physicians and patients, explore what life will be like as a resident, and discuss responses to epidemics and threats to public health.

Raleigh-Durham, NC UNC at Chapel Hill July 10-18, 2017 or July 22-30,2017

MEDICAL SCHOOLS:

Some of the distinguished Raleigh-Durham area institutions that are participating in the NYLF/MED program include:

- Duke University School of Medicine
- Wake Forest University School of Medicine
- University of North Carolina (UNC) School of Medicine

ADDITIONAL HIGHLIGHTS:

- Scholars will stay on the historic campus of the University of North Carolina, which became the nation's first public university in 1789. Situated in the beautiful town of Chapel Hill, N.C., UNC has earned a reputation as one of the best universities in the world.
- Raleigh-Durham is located in the heart of the Research Triangle, a globally prominent biological and technological research and development center.
- The City of Durham is known as the "City of Medicine," with more than 300 medical and health-related companies and practices including Duke University, the city's largest employer.

CLINICAL INSTITUTIONS:

Clinical visits will take place at the following institutions:

- North Carolina Office of the Chief Medical Examiner
- Duke University's Human Simulation and Patient Safety Center
- Duke Sports Medicine Center
- UNC Department of Surgery, Dr. John F. Stegge in Advanced Laparoscopy
- UNC Center for Heart and Vascular Care, Broadcast with Dr. Andy C. Kiser in Cardiothoracic Surgery
- UNC Cardiothoracic Simulation Center
- UNC Hospitals School of Nuclear Medicine Technology and Molecular Imaging
- National Institute of Environmental Health Sciences & Research Triangle Park Headquarters
- McLendon Clinical Laboratories

- North Carolina Biomanufacturing Training and Education Center (BTECH)
- Center for Nursing Discovery (CND) at Duke University Simulation Center
- Bio-Tech Prosthetics and Orthotics

SPEAKERS:

Speakers who have participated in past Raleigh-Durham Forums include:

Kurt Gilliland, Ph.D. Kurt Gilliland, a native of Nashville, Tennessee, came to North Carolina in 1988 to attend the University of North Carolina at Chapel Hill where he earned a bachelor's degree in biology. After working in a diabetes research laboratory at Duke University for one year as a technician, he returned to graduate school at North Carolina State University where he earned a masters degree in physiology. At that point, he taught high school for two years, teaching biology, chemistry, and physics, and coaching soccer and basketball. He then came back permanently to Chapel Hill, where he earned a PhD in the School of Medicine in the Department of Cell and Developmental Biology. He is currently still in that same department where he is Medical Alumni Distinguished Teaching Assistant Professor. Dr. Gilliland teaches gross anatomy and cell biology to first-year medical students and has earned 11 teaching awards. He also co-chairs the first-year curriculum and serves as Director of Curriculum for the School of Medicine. In the research laboratory, he studies the disease cataract and periodically travels to India to study blindness due to cataract. He currently lives in Raleigh, North Carolina, with his wife and four-year-old son.



Danny O. Jacobs, M.D., M.P.H. Danny Jacobs, M.D., M.P.H., the David C. Sabiston, Jr. Professor, joined Duke University Medical Center as Professor and Chair of the Department of Surgery in February 2003. A specialist in gastrointestinal surgery, Jacobs is a highly regarded teacher and researcher. Jacobs received his undergraduate degree from Harvard University in Boston and earned a medical degree from Washington University in St. Louis in 1979. After completing a residency and fellowship in surgery at the University of Pennsylvania School of Medicine, Jacobs returned to Harvard as a research fellow in surgery in 1986. He stayed there for 14 years, rising to assistant



professor of surgery and then associate professor. He also earned a Master of Public Health degree from Harvard's School of Public Health and served as associate program director of the Brigham and Women's Hospital's (BWH) Clinical Research Center, Chief of BWH's Metabolic service and Director of the Laboratory for Surgical Metabolism and Nutrition. Jacobs left Harvard in 2000 to join the faculty at Creighton University School of Medicine in Omaha, Nebraska, where he served as the Arnold W. Lempka Distinguished Professor of Surgery and Chairman of the surgery department. He stayed at Creighton until moving to Durham where he is now the David C. Sabiston, Jr. Professor of Surgery at Duke University School of Medicine and

Surgeon-in-Chief at Duke University Hospital. As the newly elected Chair of the PDC Board of Managers, our 1000+ member physician organization, Jacobs is a key decision-maker for Duke's multidisciplinary faculty group practice.

Other Locations:

Summer 2012 Locations -

[Atlanta](#) | [Boston](#) | [Chicago](#) | [Houston](#) | [Los Angeles](#) | [New York](#)
[Philadelphia](#) | [Raleigh-Durham](#) | [San Francisco](#) | [Washington, D.C.](#)

Website: <http://www.nylf.org/med/>

NC AG-DISCOVERY

Ag-Discovery at NC State University is an outreach program to help students learn about careers in plant science. Students live on campus in dorms, learning field and laboratory research techniques from university professors and practicing entomologists, botanists, and plant pathologists working for the U.S. Government. Plant science include entomology (the study of insects), plant pathology (the study of plant diseases), botany (the study of plants), and agronomy (the study of soil management and production of field crops).

Eligibility:

Investing in the Future of Plant Science – June 19-30, 2017 – targets 15-17 years of age as of the first day of camp.

Exploring the Earth Summer Camp – June 19-23, 2017 – rising high school juniors and seniors.

Where: NC State University

Apply:

- Application on website / All applications submitted by April 30, 2017 will be considered and selected participants will be notified in early May 2017.

<https://sciencehouse.ncsu.edu/students/k-12-students/programs-for-students/>

Tuition

There is no cost to attend the AgDiscovery 2017 summer program. Tuition, room and board, lab supplies, meals, and activity fees will be covered by APHIS. Students selected for the program are only responsible for costs that may be associated with traveling to the university campus on opening day and returning home at the conclusion of the program on closing day. (Note: AgDiscovery does not provide a shuttle or other such transportation services at those times.)



United States Department of Agriculture

NC STATE RESOURCE CONSERVATION WORKSHOP

The Resource conservation Workshop is a weeklong workshop and involves study and hands on participation in a wide range of conservation topics. Students are housed at NC State University campus dormitories under the guidance of live-in counselors.

Eligibility: Students who have demonstrated an interest in natural resource conservation and are nominated by their local soil and water conservation districts are eligible. The Districts should give priority to rising juniors and seniors.

Where: NC State University

Apply:

- Application on website
- http://www.ncagr.gov/SWC/educational/RCW-For_Students.html

When: 2017 dates not yet available on website / 2016 dates were June 26 to July 1, 2016

Tuition

- Cost of the workshop is \$375.00 per student (2016 cost), which will be paid by the sponsoring district. This includes room, linens, instructional supplies, insurance and planned mail functions.



NC STATE SUMMER TEXTILE EXPLORATION PROGRAM (STEP)

The College of Textiles Summer Textile Exploration Program consists of four one-week sessions for rising high school seniors. During the morning students participate in sessions learning about the five degree programs offered in the College of Textiles, applying the NC State University, Centennial Scholarship, future internship and job opportunities, and visit local textile companies. Each student has the opportunity to choose their top project interest, and will dedicate their afternoon to a project pertaining to one of the five degree programs.

Eligibility: Rising high school seniors

Where: NC State University

Apply:

- Applications are due Monday, May 1, 2017 at 11:59 p.m. They will accept the teacher letter of recommendation until Wednesday, May 3, 2017. Your unofficial transcript is required to be uploaded as part of your application and your teacher will upload the letter of recommendation separately.

<https://textiles.ncsu.edu/future-students/future-undergraduate/step/>

When: 2017 Summer Textile Exploration Dates: 1st Week: June 18-23, 2nd Week: June 25-30, 3rd Week: July 9-14, 4th Week: July 16-21

Tuition

- The cost of the program is \$200. This covers lodging, transportation, materials, and several meals during the program. Students are encouraged to bring approximately \$150 in spending money to cover meals and evening activities not covered by the program fee.
- Scholarships available!

For questions regarding the application process, please contact Allie Vick at savick@ncsu.edu



College of Textiles

NC VETCAMP

VetCAMP is a five-day summer camp program that offers an opportunity for High School students interested in the field of veterinary medicine. The camp is designed for students who are interested in becoming veterinary healthcare professionals and provides a preview into the real and vast fields of veterinary medicine. Through presentations, demonstrations, laboratories, visits, and in-depth, hands-on activities students will discover what modern veterinary medicine is all about.

Eligibility: Any high school student with an interest in veterinary medicine may apply to attend.

Where: NC State University

Apply:

- 2017 dates are not available yet. Dates of last year's camp were July 11-15 or July 18-22

When: Look for the new 2017 application to be posted.

<https://harvest.cals.ncsu.edu/vetpac/resources/vetcamp/>

Tuition

- Please see website for details of cost breakdown. \$25.00 application fee.

VetPAC

PHARMACY & HEALTH SCIENCES DISCOVERY DAY

A unique 1 day workshop to explore the many health science programs at Campbell University's College of Pharmacy & Health Sciences. The workshop will include interactive activities and labs exploring:

- Pharmacy
- Pharmaceutical Sciences
- Clinical Research
- Nursing
- Physician Assistant
- Physical Therapy
- Public Health

Dates

Tuesday, June 14, 2016
9:00 a.m. - 3:00 p.m.

Tuesday, July 19, 2016
9:00 a.m. - 3:00 p.m.

Lunch & Snacks provided.

Each workshop is limited to 40 students. Early registration is encouraged.

Workshop packets with program details, permission forms and direction to campus will be sent to registered participants 3 weeks prior to the workshop.

Contact: seo@campbell.edu

Website: <http://www.campbell.edu/cphs/centers-and-programs/science-education-outreach/pharmaceutical-sciences-discovery-day>

POULTRY SCIENCE SUMMER INSTITUTE AT NC STATE UNIVERSITY

What is the Poultry Science Summer Institute?

The summer institute is a four-day, four-night conference designed to broaden the high school student's understanding of the educational disciplines, scholarship opportunities, careers and industries related to poultry science.

Who can attend & how much is it?

Any high school student (rising 11th and 12th graders) with an interest in the biological sciences or a career in the poultry industry may apply to attend. You must list as a reference a high school science teacher, counselor, County Extension agent, 4H leader or vocational agriculture instructor. We also request a brief personal statement of why you would like to attend. There will be space for two adults to attend the conference as well. Interested Teachers and Agents should contact the coordinator for more details. Cost for the conference is only \$50.00, which includes your lodging on campus, all meals, field trips, workshop materials, great goody bags and entertainment.

When is it?

July 31- August 4, 2016
Deadline: March 31, 2016
(Always the first full week of August)

How do I apply?

- Fill out the registration form online before the May 2nd deadline.
- Complete a brief personal statement indicating why you are interested in the experience (this is very helpful when we are selecting who will be chosen to attend!).
- Mail or fax your form to Melissa Scherpereel at the address on the bottom by May 2nd.
- We will notify you of your acceptance by the second week of May.
- Space is limited to 15 - 20 and this program is very popular. If you are not accepted the first time, please consider applying again next year.

What's in it for me?

You will get to see what campus life is really like at North Carolina State University when you come to the summer institute. You will be staying in University Towers, a private residence hall (with a pool), going to local fun spots, doing hands-on-experimentation in a classroom setting, and doing all sorts of things that college students do. In other words, you'll get to "try us on for size". Students participating in the program will get to interact informally with numerous NC State Univ. faculty, staff and current poultry science students. Attendees will learn about the vast field that is Poultry Science as well as specific information on our Poultry Science Degree Program and areas such as:

- Career Fields & Areas of Opportunity
- Scholarship Requirements and Availability
- Internships while Attending College
- Employment Connections upon Graduation
- How to Apply to College and When
- and about anything else you would like to know about POULTRY!
- AND most important of all, you'll make lots of new friends from all over the State of North Carolina.

Still want more information?

E-mail: melissa_scherpereel@ncsu.edu or call (919) 515-5403.

Website: <http://www.ces.ncsu.edu/depts/poulsoci/4h/summerinstitute/institute.html>

PROJECT SEED

What is Project SEED?

Project SEED is the American Chemical Society's social action program which places talented, disadvantaged high school students in academic, industrial, and government research laboratories for 8-10 weeks during the summer to experience "hands-on" research. Each student completes a chemical research project under the supervision of a scientist/mentor (called a preceptor) and receives an educational award.

The goal of Project SEED is to help expand the career outlook of economically disadvantaged students. Since 1968, The Project SEED Program has made it possible for more than 4,500 talented high school students to conduct research in local chemistry laboratories. The program will consist of an 8-10-week summer science research project for the students, with the majority of participants working in chemistry and chemistry-related sciences. The students receive individual instruction under the direct supervision of scientists/preceptors in the laboratory. The preceptors serve as role models and encourage the students to learn about careers in chemistry. Each student is involved in a research project in chemistry and/or chemistry-related sciences under the guidance and supervision of an experienced scientist (principal investigator) at Duke University, North Carolina State University, and UNC-Chapel Hill.

Nationally Recognized by the National Science Foundation and the National Academies of Science as one of the Best Practices for Increasing Underrepresented Minorities in Science.

Program:

The program consist of a summer science research internship (from June 1, 2016 to August 31, 2016), both residential and commuter.

Eligibility:

Only rising juniors (currently 10th graders) and rising seniors (currently 11th graders) that have completed Chemistry, or are taking Chemistry, will be eligible. Students that reside outside of the Research Triangle Area will reside at Duke University. Students that reside in Wake, Durham, and Orange counties will be commuters.

Each student receives an educational award (stipend) to offset the loss of summer employment.

SEED I (first-year students) receive \$2500! SEED II (second-year students) receive \$3000!

SEED students will also receive a Princeton Review SAT Prep Course!

Note: Activities during the year include SEED Academy and participation in local, state, and national science competitions and scientific conferences.

Website:

<https://www.acs.org/content/acs/en/education/students/highschool/seed/studenteligibility.html>

SUMMER PUBLIC HEALTH SYMPOSIUM FOR HIGH SCHOOL STUDENTS

This event is open to high school students (rising sophomore, juniors, and seniors) and is designed to expose students to the general field of public health while enabling students to explore individual leadership styles. Students will gain an understanding of what it means to be a leader in public health by participating in specialized developmental exercises. In addition to exploring their individual leadership styles, students will learn to apply those skills to various issues of public health that directly impact their communities and schools. Students will explore trending public health topics such as: [eliminating health disparities](#), [access to safe water](#), [obesity](#), and [cancer research](#).

The Symposium is FREE. All students who successfully complete this enrichment experience will be presented with a certificate at the conclusion of the program.

This program is sponsored by the UNC Gillings School of Global Public Health and Health Affairs Pipeline Initiative (HAPI).

Note: The application and submission process for this program is only available online.

Contact the Office of Student Affairs at sph-osa@unc.edu, or Trinnette Cooper at coopert@email.unc.edu for more information.

Websites: <https://unchapi.wordpress.com/public-health/biostatistics-summer-undergraduate-research-and-education-bsure-program/>

<http://sph.unc.edu/students/diversity-outreach-recruitment-and-programs/>

WESTERN CAROLINA UNIVERSITY NURSING WEEKEND

CONTACT:

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336 Health & Human Sciences Building
Western Carolina University
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828.227.7467 *tel*
828.227.7052 *fax*
wcunursing@wcu.edu



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