



TEACH

Teaching Excellence for a Career in Health

An Enrichment Program for High School Students Interested in Careers in Health Care

February - May 2018

(Every 1st & 3rd Thursday)

6 – 8p.m.

(Light dinner provided during each class session)

Southern Regional AHEC
1601 Owen Drive
Fayetteville, NC 28304
(Across from Cape Fear Valley Medical Center)

Southern Regional
AHEC | Area Health
Education Center

Southern Regional AHEC Health Careers

Through the Model State Supported Grant, Southern Regional AHEC (SR-AHEC) provides programs designed to prepare K-12 and undergraduate students for careers in the health field. With an emphasis on students who are historically underrepresented (minorities, economically and/or educationally disadvantaged, etc.), it is the goal of the NC AHEC program to improve the distribution and retention of health care professionals in the state.

Program Description

Teaching Excellence for A Career in Health (TEACH) is a nine-month pre-professional health enrichment program for high school students in grades nine through 12. The ultimate goal of TEACH is to serve as an integral component in the North Carolina health education pipeline and to make a significant impact on the number of underrepresented students entering health fields in the region.

Eligibility Requirements

In order to be eligible to participate, students must meet the following criteria:

- Reside in: Bladen, Cumberland, Harnett, Hoke, Moore, Richmond, Robeson, Sampson, or Scotland county;
- Be enrolled in grades nine through 12;
- Maintain at least a 3.0 GPA;
- Receive a referral from an academic teacher or guidance counselor; and
- Have an interest in learning more about health careers.

Activities

TEACH activities include:

- Health science education workshops consisting of lectures emphasizing human anatomy and physiology, information on diseases that affect minority populations, disease treatment and behavior modifications for disease prevention, and hands-on instructions for monitoring body vital signs;
- Health awareness and professional development seminars featuring health career speakers emphasizing awareness of multiculturalism, health disparities, professional health careers, and education programs, and the financial aid and admissions application process to facilitate entry into college;
- Career field trips to educational institutions offering health education programs in North Carolina; and
- Linkages to summer pipeline education enrichment programs such as the one-week summer residential Health Academy Summer Experience program for 30 high school students in grades nine through 12 sponsored by SR-AHEC.



Agenda

- Students will analyze a crime scene for evidence of the cause of death of a victim.
- Students will analyze a skeleton to determine ethnicity, gender, height, and age.
- Students will analyze the structure of the heart and discuss the issues related to heart disease.
- Students will dissect a cow or sheep heart and discuss different medical interventions associated with cardiology.

February-May: Each activity highlights careers in science and medicine.

Polymerase Chain Reaction analysis of students' DNA to determine if they are tasters of PTC.

- Introduces how DNA is amplified and tested.
- Introduces Single Nucleotide Polymorphism.
- Using macromolecules to introduce ways that chemistry, biology, and healthcare mix.
- Students will build macromolecules and analyze their structures to relate to different functions in the body.

Medical interventions

- Students will discuss the different categories of medical interventions and use critical thinking to analyze which interventions will help patients in designated case studies.

Body Systems - two months

- Working in groups, students will learn about the anatomy and physiology of different body systems. They will create a presentation and develop the organs of their system to be placed on a body.

Doctor for a day

- Students will take a patient's medical record to discover what disorder or disease they are suffering from. The students will then become the medical professionals that will diagnose and treat the patient. They will present as if they are the actual medical and professional team.

Fee

\$115 per student; Registration must be received by January 29, 2018. Can submit fee in two payments of \$57.50. Student will receive souvenir t-shirts and book bags. Will also be registered for the Passport to Health Care program

Credit

Participants who attend 100% of the program will receive a certificate upon completion.

Substitutes/Refunds/Transfers

Participants who register for the program and are not able to attend, may:

- Send a substitute;
- Cancel two (2) business days (Monday-Friday), before the program and receive a voucher for 100% of the registration fee for use at a future SR-AHEC program; or
- Cancel two business days (Monday-Friday) before the program and obtain a refund for 70% of the registration fee.

Cancellations less than two business days (Monday-Friday) before the program are non-refundable. Participants who register for a program and do not attend will forfeit the full amount of the program registration fee. Participants who register for the program and do not attend and do not pay, will be billed for the full amount of the program registration fee.

Contact

Tonya Burney, SR-AHEC Director of Health Careers, (910) 678-7201 / Tonya.Burney@sr-ahec.org

Registration Form



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form may be duplicated

Phone: (910) 678-7201 **Fax:** (910) 678-0106 **Email:** Tonya.Burney@sr-ahec.org

(If paying by credit card, you may fax or email your registration)

Mail: SR-AHEC, Attention Health Careers, 1601 Owen Drive, Fayetteville, NC 28304

STUDENT:

First Name _____ Middle Initial _____ Last Name _____

Nickname _____ DOB Month/Day/Year ____/____/____

Gender: Male Female

Race/Ethnicity: American Indian Alaskan Asian (specify) _____ Black/African American

Hispanic/Latino Native Hawaiian/Pacific Islander White/Caucasian Multiracial

Name of School _____ Current Grade _____

Expected Grad. Date _____ Health Careers Interest(s) _____

Home Address _____ City _____

State _____ Zip _____ Phone _____ E-mail _____

PARENT/GUARDIAN :

Name _____ Phone _____

Alt. Phone _____ E-mail _____

Payment Information

\$115 Registration

School Official Printed Name: _____ Signature: _____

Fee paid by: Check Enclosed Payable to SR-AHEC VISA Mastercard

Card# _____ - _____ - _____ - _____ Exp. Date ____/____

Name on Card _____ Signature _____

Office Use Only: Check Auth # _____ Date _____ From _____ Amount \$ _____

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