



Anatomy and Armor **August 7th-18th 2017**

Program: A two-week healthcare-related summer internship for select low-income Philadelphia youth.

Goal: To provide a group of rising 10th graders with a two-week introduction to a variety of professions and topics in healthcare and medicine through a combination of hands-on activities, meetings with healthcare professionals, and field trips to relevant sites. These activities will be centered on the theme of *Anatomy and Armor*.

Location: Based at The College of Physicians of Philadelphia (19 South 22nd Street, Philadelphia) with selected field trips.

Participants: 24 rising 10th grade students, (Entering 10th grade in Fall 2017) interested in pursuing healthcare careers. *See next page for eligibility requirements.*

Date: August 7th – 18th 2017

Educational Theme: *Anatomy and Armor*: Exploring natural and artificial forms of protection against disease and trauma and learning about careers in healthcare and medicine related to those subjects.

Program Objectives:

- To explore the natural and artificial methods humans have used to protect themselves from trauma and disease, past and present.
- To address the similarities and differences in human and animal anatomy with regard to natural defenses.
- To examine how scientists and medical professionals address trauma.
- To inspire students to adopt healthy life choices to help strengthen their bodies.
- To learn about a variety of potential careers in healthcare and medicine.

Each day will be focused on an overarching theme and will include programming related to that theme.

Activities will take place at The College of Physicians of Philadelphia (unless otherwise noted), Monday through Friday, 10AM-4PM.

Students will be paid a stipend upon successful completion of this program. ***Note: Attendance is required and deductions will be made from the stipend for absences.*** SEPTA tokens will be provided for daily travel to and from the College.

This summer program represents the initial recruiting for a year-round youth program at The College of Physicians of Philadelphia. At the end of this two-week summer program, students will be selected based upon their behavior, participation, and overall interest to participate in The Karabots Junior Fellows program, a multi-year after-school program focused on healthcare, STEM (science, technology, engineering, and math), and college preparation. Students selected for this program will be enrolled through 12th grade.

Tentative Activities/Themes List



- Overviews of the anatomy and function of the skeleton, skin, and immune system
- Comparative anatomy: the similarities and differences between human and animal anatomy
- The evolution and design of armor, past and present
- Vaccines: biological armor against disease
- Trauma, including the treatment of broken bones, head injuries, and gunshot wounds
- Nutrition and exercise: strengthening the body's natural defenses
- Physical therapy
- Prosthetics, past and present
- Medicine in crisis situations (natural disasters, law enforcement, warfare)
- Sports medicine

Eligibility Requirements:

In order to qualify, students must be able to check **ALL** of the following boxes.

- I am entering the 10th grade in Fall 2017.
- I am a Philadelphia resident.
- I am attending a Philadelphia public or charter high school.
- I have an interest in biology and the healthcare professions.
- I will be the first in my immediate family to graduate from a college or university.
- I qualify for a FREE or REDUCED PRICE school lunch.
- I do not have any disciplinary problems on my school record.
- I have permission from a parent/guardian to take part in the program.
- If selected for this summer program, I would also be interested and available to participate in programming throughout the school year and summer through my senior year of high school if chosen to do so.

Note: Enrollment is limited Applicants who do not meet these requirements will not be considered.

HOW TO APPLY:

Note: There are no costs to enroll or be enrolled in the Program.

Interested students must submit the following items in order to be considered:

- A completed application form (Attached on page 4)
- A letter of recommendation from a science, math, or HRT (health-related technology) teacher.
- A one-page essay addressing one of the following topics:
 - What you would like your career to be, and why?
 - **OR** What aspect of healthcare interests you the most and why?

Selected applicants will take part in an in-person interview. ***An adult, either a family member or family friend, must be in attendance during the interview.***



Deadline: Applications must be received no later than FRIDAY, APRIL 28, 2017.

Note for Teachers: Teachers can recommend students to the Program. We are looking for students with a good school record in academics and behavior with an interest in the biological sciences and healthcare, and an ability and willingness to work well with others on hands-on projects. Please tell us why you think your student would benefit from our program. You may nominate more than one student. Please email your recommendation with the student's name, your name, title and contact information to: Kevin Impellizeri, Youth Program Coordinator, via email: kimpellizeri@collegeofphysicians.org



Application Form:

(Applicants who do not meet the criteria (on page 2) will not be considered.)

PLEASE WRITE CLEARLY: If we can't read it, we can't contact you!

Student:

Name: _____ Date of Birth: _____

Address _____

Cell Phone: _____ e-mail: _____

School: _____ Fall 2017 School: _____

Signature: _____ Date: _____

Adult Supporter-(Parent/guardian/friend):

(This person must be able to attend an interview with you)

Name: _____ Relationship: _____

Address: _____

Phone: _____ e-mail: _____

Signature: _____ Date: _____

Science, Math, or HRT Teacher Recommendation:

(This person must write a letter of support for you)

Name: _____ School: _____

Address: _____

Phone: _____ e-mail: _____

Signature: _____ Date: _____

Attach an essay explaining what you would like to be when you grow up or what field of healthcare or medicine interests you the most. **(Please type or write clearly. Essay should be NO MORE THAN ONE PAGE.)**



Application Checklist:

Did you remember to include...

- ...A completed application form?
- ...A letter of recommendation from a science or math teacher?
- ...The name and contact information of an adult supporter?
- ...A completed essay?

Mail or e-mail your completed materials to:

To: Attn: Kevin Impellizeri (Karabots Junior Fellows)
Youth Program Coordinator
The College of Physicians of Philadelphia
19 South 22nd Street
Philadelphia, PA 19103
kimpellizeri@collegeofphysicians.org

Questions? E-mail: kimpellizeri@collegeofphysicians.org | Phone: 215-372-7313