



ABOUT THE PROGRAM:

The Teen Research Internship Program (TRIP) Initiative is a hands-on learning program for high school students who are motivated to explore their interests in science and medicine. At its core, the program aims to foster a love for science whilst building resiliency, communication, and critical thinking skills outside the traditional confines of school.

The program is split into three phases, including Project Design, Experimentation, and Communication. During the Project Design phase, students use their creativity and curiosity to develop potential research questions surrounding the impact of diet, inflammation, and environmental stress on organismal health, development and behavior, while learning basic lab and problem solving skills. During the Experimentation phase, students perform experiments, learn to collect and analyze data, and, most importantly, learn how to think through and overcome failure. In the final phase, students present their findings to the scientific community, their peers and their family in a scientific symposium where they gain insight into the real world and big picture applications of their work. Beyond the lab, students also receive one-on-one mentoring with Fox Chase faculty; they learn team building and leadership skills, get exposure to careers in science and become part of a family of driven and curious students. Stories from our past students can be found on TRIP's official webpage (<http://www.tripinitiative.com/blog>), Facebook and Instagram pages (@TRIPInitiative).

PROGRAM DETAILS:

The next TRIP course starts on Tuesday July 5, 2022 and runs through Thursday August 4, 2022 (5 consecutive weeks). After the in-lab portion of the course concludes, students present their work at a scientific symposium on Saturday August 13, 2022.

Two sessions of the program will be offered where Session A meets from 8:30 am-12:15 pm and Session B is from 1:15-5:00 pm. Up to 8 students will be enrolled in each session. All classes will be held at Temple University in Philadelphia, PA.

PROGRAM REQUIREMENTS:

High school students currently enrolled in grade 9-12 are eligible to apply to TRIP. Rising freshman and graduating seniors are welcome to apply.

Completion of at least one high school Biology or Chemistry course is preferred, but not required.

****Extra help is available for those students without previous coursework.****

Students must commit to attend ALL days of the program (including the all-day symposium) in either Session A or B.

Parents/Guardians must confirm and agree to the attendance policy.



TO APPLY:

All application materials are due by 11:59 PM on Sunday, March 6th. Additional information can be found on the “**Application Materials**” page on the website (www.tripinitiative.com).

To apply to the next session of TRIP Initiative, complete the online application and upload a school transcript by following this link: <https://forms.gle/Y19AapjVcoJkKwre7>. We recommend that you download and complete the essay portion of the application in a word processing program and then copy/paste your answers into the online application.

If you have a question about how to answer a question or have any technical issues with the online application, please email Dr. Alyssa Leystra (tripinitiative@gmail.com). Please use **TRIP@TU'22** in the subject line of all emails regarding the 2022 TRIP summer program.

Applications will be reviewed by a panel of program staff and alumni at the end of March. Following review, qualifying applicants will interview with program staff in early April. Applicants who are invited to interview may also be asked provide a letter of recommendation by mid-April. Final decisions will be made by April 22nd.

SUGGESTIONS FOR FILLING OUT THE APPLICATION:

We are looking for motivated and curious applicants that can think and express themselves logically. You do NOT have to have a high GPA, previous lab experience, or be a superstar...just be you. Be sure to use your answers to tell us who you are.

Take your time to answer each of the following questions thoughtfully and thoroughly. You will be compared to all other applicants based upon the answers given here; therefore, make sure we learn about who YOU are and what you are interested in. Don't BS your way through the answers or give the answer you think we want to read. Be sure to explain yourself FULLY. Don't make the reviewers guess at what you mean--be clear.

Incomplete sentences, spelling errors, and poorly thought-out responses will NEGATIVELY affect the review of your application. Therefore, to prevent mistakes, it is STRONGLY RECOMMENDED to compose your answers in a word processing program, and then paste them into this application. Be sure to have an adult (e.g. your parents, high school counselor, or mentor) read through your application PRIOR to submission.

Use the 250-word limit! Don't miss an opportunity to tell us about yourself.

If you have a question about how to answer a question, then email Dr. Alyssa Leystra (tripinitiative@gmail.com). Please use **TRIP@TU'22** in the subject line of all emails regarding the 2022 TRIP summer program.

HAVE QUESTIONS?

Please direct all questions to Dr. Alyssa Leystra at tripinitiative@gmail.com. Please use **TRIP@TU'22** in the subject line of all emails regarding the 2022 TRIP summer program.