



Teen Research Internship Program (TRIP) Initiative

The **TRIP** Initiative is a rigorous lab-based course for high school students who are motivated to explore science and medicine. **TRIP's** mission is to foster an enthusiasm for science by offering students a chance to do hypothesis-driven research and hands-on learning in a lab. The course is supported by Fox Chase Cancer Center in the Temple Health system and is free for students.

The course is split into three phases including *Project Design*, *Experimentation* and *Presentation*. During the *Project Design* phase, students use their creativity and curiosity to develop potential research questions surrounding the impact of diet, environmental stress and genetics on development and behavior, while learning basic lab and problem solving skills. During the second phase (*Experimentation*), students perform experiments, learn about data collection and analysis, and 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 and become part of a family of driven and curious students.

Course Requirements for Students:

- High school students, including graduating seniors, are eligible to participate in the course.
- Completion of at least one high school Biology or Chemistry course is required.
- Students must commit to attend all sessions of the course.
- Parental consent is required to participate.

Course Details:

The course starts on Saturday February 25th, 2017 and runs consecutive Saturdays through April 29th, 2017. Depending upon interest, one to two sessions of the program will be offered where Session A is from 8:30 am-12 pm and Session B is from 1-4:30 pm. The scientific symposium will be held on Saturday May 13th. All classes will be held at William Tennent High School in Warminster, PA. To apply, complete the online application (<https://goo.gl/forms/YWZibvpFyv8txGdF2>), and submit an official school transcript and three letters of recommendation by November 14, 2016.

Direct all questions to Dr. Amanda Purdy at amanda.purdy@fcc.edu.



To see images from the current and previous courses, check us out on social media