

Career Connections

Please note that all programs will be held during the school year and during the school day. Students must find transportation to the site. Applications for the first round will be accepted until May 24, 2019. We will then accept applications for openings and new programs beginning August 1, 2019.

To complete an application:

- Fill out online application at www.aiu3.net/CareerConnections
- Have a teacher send a recommendation to CareerConnections@aiu3.net
- Send a signed waiver form along with a \$75 application fee to the AIU Career Connections program (fee is refunded if you are not accepted)

Animation – Fall Session

Pittsburgh Center for the Arts

This course will explore various animation techniques. In class screening will provide students with an understanding of the art and science of animation. Participants will work individually and in groups to create animation projects utilizing different methods. Sessions are held at Pittsburgh Center for the Arts, Scaife School Building, 1047 Shady Avenue, Pittsburgh, PA 15232 from 10:00 a.m. until 1:00 p.m. Please note that a \$100 lab fee payable to Pittsburgh Filmmakers is due at the first session. This fee is in addition to the \$75 registration fee.

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Architecture

Pittsburgh History and Landmarks Foundation

Participating in these five sessions will help you determine if you are interested in becoming an architect, urban planner, and/or historic preservationist. After learning about the key goals in architecture and building a geodesic dome out of newspaper, Apprentices will visit a vacant lot in Homestead and tour several blocks of East Eighth Avenue. After learning about the design process, Apprentices will draft plans, sections, and elevations showing his/her vision for the vacant lot. During a visit to Carnegie Mellon University, students from the School of Architecture will give advice so each Apprentice can further improve his/her ideas. During a visit to Station Square, professional architects will give advice so each Apprentice can refine his/her ideas and drawings. During the final session, each student will present his/her solution for the vacant lot and members of the Homestead community and architects will offer their critique. The five sessions give Apprentices the chance to experience what it is like to be an architect—and the chance to explore Homestead, CMU, Station Square, and downtown Pittsburgh. Please note that a \$35 lab fee payable to Pittsburgh History and Landmarks Foundation is due at the first session. This fee is in addition to the \$75 registration fee.



Associated Artists – Art Careers

Associated Artists of Pittsburgh

The Visual Arts Career Orientation Program, presented by the Associated Artists of Pittsburgh, is a pre-professional experience that provides high school students with an opportunity to work with practicing Pittsburgh-based artists. Students will tour studio spaces, learn new techniques from teaching artists, and hear about different career paths in the arts. Experiences may include tours of local universities, community art spaces, and cultural institutions. Students will experiment with a wide range of processes and media that artists are exploring today. VACOP sessions occur 10am-2pm on the third Friday of each month, with a winter break December-January. Each session will be in a different location, with a different Pittsburgh-based artist.

Astronomy

Carnegie Science Center

This is a descriptive introduction to Astronomy. Many topics of study include: the celestial sphere, and the night sky, gravity and the dynamics of celestial bodies, telescopes and the nature of light, our moon, the planets and the sun, stars and their final outcome (white dwarfs, supernovae, pulsars and black holes) the milky way and other galaxies, the origins and fate of our universe and other solar systems. This program will include development of a broad overview of current astronomical theory, familiarization with basic astronomical research techniques through participation in classroom exercises and discussions and demonstrations and interactions in a live digital planetarium environment.

Conducting

Heinz Hall and Duquesne University School of Music

Students will be introduced to the world of the conductor. Students will observe rehearsals of the Pittsburgh Symphony at Heinz Hall and be exposed to conducting via a series of conducting exercises.

Digital Photography – Fall Session

Pittsburgh Center for the Arts

Working with digital cameras and software such as Adobe Photoshop, students will gain an understanding of the unique capabilities of digital photography. Lectures regarding composition, lighting and manipulation of the digital image will provide a solid foundation for maximizing the capabilities of photographic digital technology. Sessions are held at Pittsburgh Center for Arts and Media - Scaife School Building, 1047 Shady Avenue, Pittsburgh, PA 15232 from 10:00 a.m. until 1:00 p.m. Please note that a \$100 lab fee payable to Pittsburgh Filmmakers is due at the first session. This fee is in addition to the \$75 registration fee.

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Engineering

Pennsylvania Society of Professional Engineers

Students will have the opportunity to meet with professional engineers in their workplace, and gain an understanding of the similarities and differences of the many areas of engineering, i.e., civil, electrical, mechanical, etc. The first session will be held in September at the Allegheny Intermediate Unit. The following sessions will be held at various site locations.

Filmmaking – Fall Session

Pittsburgh Center for the Arts

Students will be exposed to various techniques and disciplines unique to the rich art form of filmmaking. Participants will view and discuss examples of different styles of films to gain an understanding of film aesthetics and visual language. Storyboarding, composition, lighting, and editing will be explored and students will plan and shoot film in class. Sessions are held at Pittsburgh Center for Arts and Media - Scaife School Building, 1047 Shady Avenue, Pittsburgh, PA 15232 from 10:00 a.m. until 1:00 p.m. Please note that a \$100 lab fee payable to Pittsburgh Filmmakers is due at the first session. This fee is in addition to the \$75 registration fee.

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Future Teachers Academy

Allegheny Intermediate Unit and South Fayette School District

This program offers a broad-based knowledge concerning the area of education. It provides opportunities to explore the field of education from A to Z. The instructors are actively involved in education and are able to bring in guest speakers who will answer questions/concerns about choosing education as a major in college and readily filling the teacher tool box with ideas/suggestions prior to entering college. Apart from hearing from the best and finest in the field, the program engages participants in active learning both inside and outside the classroom.

Journalism

Point Park University

Journalists and journalistic work are more important than ever today. This apprenticeship introduces students to the tradition of journalistic work in the United States from the Founding Fathers to today. Students will learn how journalists report, interview, develop story sources, write and edit for a variety of journalistic formats: print, online and broadcast. Those formats include news, feature, opinion and analysis stories. Students will write a news or feature article or opinion piece that will be published at the conclusion of the apprenticeship on the Point Park News Service and possibly their own high school media. Sessions are on Fridays from 8:30 until 10:30 a.m., Point Park University, 201 Wood Street, Pittsburgh, PA 15222.



Leadership

Point Park University

Many researchers believe that leadership is something that can be learned, taught and nurtured. In order to effectively cultivate the leadership potential of the young leaders engaged in this apprenticeship program, we will embrace James Kouzes and Barry Posner's "The Five Practices of Exemplary Leadership" to structure the curriculum. One of the instructors of this apprenticeship program is an alumnae of Leadership Pittsburgh, a program of Leadership Pittsburgh Inc., which effectively utilizes this important model to inspire and challenge the senior and influential regional leaders engaged in that experience.

Participants will be introduced to college students, faculty, local leaders and professionals from the nonprofit, academic and corporate sector to begin the all-important network leaders need to develop. The program will conclude with a leadership program or project developed by the students and the instructors. Wherever possible, the instructors will invite guest speakers and take students on site visits. The apprenticeship will also include in a project that will emphasize the elements of research, strategy and development, and then it will be presented at its conclusion.

Marine Biology – Fall Session

Pittsburgh Zoo & PPG Aquarium

Students will explore the world of aquatic ecosystems with the help of various professionals. From examining the physical qualities of water to studying and caring for living organisms in captivity and the wild, the students will be exposed to a multitude of career possibilities in the field of aquatic science.

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Musical Theater

Pittsburgh Musical Theater

The Musical Theater apprenticeship provides students with varied experiences in Musical Theater. Areas include dance, acting, voice and performance. Students will work with professionals in master classes and workshops and attend Pittsburgh Musical Theater performances. Students must provide own transportation to all sessions. All start times are 10am. Please note that a \$25.00 lab fee payable to Pittsburgh Musical Theater for theater tickets is due at the first session. This fee is in addition to the \$75.00 application fee.

Opera and Voice Coaching

Pittsburgh Opera

Students will be exposed to the many career paths of a professional opera company. Students must attend four mandatory half-day meetings, learning about all Pittsburgh Opera departments, observing and participating in coaching sessions, and chatting with opera artists about careers in opera. These sessions are mandatory and take place on Fridays from 1:00 p.m. until 4:00 p.m. at the Pittsburgh Opera headquarters, 2425 Liberty Avenue, Pittsburgh, PA 15222. Students may choose to participate in additional, optional activities, including performance and education programs that will be shared at the first session.



Robotics

Carnegie Science Center

Pittsburgh has been called the robotics capital of America. Come learn about the basics of the science of robotics in the largest robotics exhibit in the U.S. Explore different kinds of robots, learn about robotics careers, and then see if you have what it takes to design, program, and deploy robots of your own.

Theater Arts

Pittsburgh Public Theater

This exciting program is designed with the theater enthusiast in mind. Students are introduced to the art of acting by participating in monologue and scene work covering the basics of character development, objectives, sub text and stage movement. Expanding beyond stagecraft, students will gain valuable knowledge and understanding of the many skills and talents necessary to produce productions in professional theater by interacting with Pittsburgh Public Theater staff and artists. Students will attend four student matinees during the program with one extra session in December. Please note that a lab fee of \$66.00 made payable to the Pittsburgh Public Theater for theater tickets is due at the first session. This fee is in addition to the \$75.00 application fee.

Writing for Publication

Allegheny Intermediate Unit

Drawing on life experience and insight, writers reach audiences through well-crafted words fueled by lessons learned. Nonfiction/fiction/script writing in this workshop series will focus on the kind of personal essays/poetry/short stories/drama published in magazines and literary journals. Working in the writer's workshop format, the end product lends itself to submitting writing for publication and entering writing contests. The majority of participants in the past have enjoyed seeing their writing published and/or honored in well-respected local and national competitions.

Zoo Animal Care – Fall Session

Pittsburgh Zoo & PPG Aquarium

Students will learn about husbandry and veterinary practices, as well as handling techniques for a variety of animals at the Pittsburgh Zoo & PPG Aquarium. Each session will include visits with various professionals in their work locations throughout the Zoo. All sessions take place on Wednesdays at the Pittsburgh Zoo & PPG Aquarium from 1:00 p.m. until 3:00 p.m.

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