![Penn — University of Pennsylvania logo]

SAS Science Outreach Initiative

STEM

Science
Technology
Engineering
Math

Summer 2020 Programs at Penn

For School District of Philadelphia middle and high school students

The University of Pennsylvania is looking for talented and motivated Philadelphia public school students to attend STEM programs this summer. Scholarships are available based on need in most cases. Please use the information assembled in this flyer to encourage potential participants to apply, and use websites mentioned for details on individual opportunities.

Find us online

🌐 www.sas.upenn.edu/**STEMoutreach**

✉️ **STEMoutreach**@sas.upenn.edu

🐦 @PennSASSOI

UNIVERSITY *of* PENNSYLVANIA

OUR 2020 PROGRAMS

Grade Eligibility refers to grade level <u>completed</u>.

Management & Technology Summer Institute ....
Wharton School and School of Engineering and Applied Science • Explore the integration of technology and management in a college-level, for-credit program.
https://fisher.wharton.upenn.edu/node/154/

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
January 22	10th - 11th	July 5 - July 25

Teen Research and Education in Environmental Science ....
Center of Excellence in Environmental Toxicology, Perelman School of Medicine • Work with Penn mentors on student-designed environmental laboratory investigations.
https://bit.ly/2NYmA9c

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
March 2	9th - 11th	June 22 - August 14

Girls in Engineering, Math and Science ....
School of Engineering and Applied Science • Participate in bioengineering, nanotechnology, materials science, graphics, and computing activities with other middle school girls.
www.seas.upenn.edu/awe/gems/

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
March 2	6th - 8th Girls Only	June 22 - June 29

Summer Math and Science Honors ....
Wharton School • Join a 3-year round, summer residential STEM enrichment and college prep program being run in several U.S. universities.
https://www.smash.org/programs/smash-academy/

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
February 28	9th	June 27 - August 1

Engineering Summer Academy at Penn ....
School of Engineering and Applied Science • Combine theory with practical experience using technologies from 6 disciplines (Biotechnology, Computer Graphics, Computer Science, Nanotechnology, Robotics, and Complex Networks).
https://esap.seas.upenn.edu/about/

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
March 27	9th - 11th	July 5 - July 25

Penn Laboratory Experiences in Natural Sciences ....
School of Arts and Sciences • Gain important laboratory and computer-based data collection skills working under the direction of faculty and graduate students.
www.sas.upenn.edu/STEMoutreach/

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
April 1	10th - 11th	June 22 - July 31

Penn Summer Science Initiative ....
Laboratory for Research on the Structure of Matter • Participate in materials science and engineering laboratory work, workshops, projects, lectures, and field trips.
www.lrsm.upenn.edu/outreach/pssi/

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
March 1	10th - 11th	July 6 - July 31

Provost's Summer Mentorship Program ....
Office of the Associate Vice Provost, VPUL Equity and Access Programs • Gain experience in STEM disciplines and explore academic and career opportunities in Schools of Dental Medicine, Engineering, Law, Medicine, and Nursing.
www.vpul.upenn.edu/eap/smp

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
April 3	9th – Engineering Only 10th	July 6 - July 31

Penn Summer Academies ....
School of Arts and Sciences • Select from 5 programs (Biomedicine, Chemistry, Experimental Physics, Mathematics, Neuroscience Research) fusing classroom instruction with experiential learning.
www.sas.upenn.edu/summer/programs/high-school/academies

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
May 1	9th - 11th	July 5 - July 25

Penn Summer Prep ....
School of Arts and Sciences • Enroll in 2 college-level academic modules from across disciplines in an exploratory, non-credit environment.
www.sas.upenn.edu/summer/programs/high-school/summer-prep

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
May 1	9th - 10th	Session A: July 12 - July 24 Session B: July 26 - August 7

Canine Handler Academy ....
Working Dog Center, School of Veterinary Medicine • Participate in hands-on dog training and working dog demonstrations.
www.vet.upenn.edu/canine-handler-academy

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
Rolling, as long as there are slots.	6th - 8th	Session 1: July 6 - 10 Session 2: July 13 - 17 Session 3: July 20 - 24 Advanced Session: July 27 - 31

Pre-College Program ....
College of Liberal and Professional Studies • Enroll in summer courses taught faculty, staff, and visiting scholars.
https://www.sas.upenn.edu/summer/programs/high-school/pre-college

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
April 1	10th - 11th	June 30 - August 8

Young Scholars Program ....
College of Liberal and Professional Studies • Join a program designed for ambitious Philadelphia-area students who are interested in the challenge and rigorous pace of a true undergraduate experience.
https://www.sas.upenn.edu/summer/programs/high-school/young-scholars

APPLY BY	GRADE ELIGIBILITY*	PROGRAM DATES
May 1	10th - 11th	Session 1: May 26 - July 1 Session 2: July 2 - August 7