Penn offers children, teens and young adults an array of summer activities from academics, enrichment and recreation—including anthropology, business, law, veterinary medicine and music—to more than a dozen athletic sports camps—from baseball to volleyball. For more information and applications, see the specific contact information below. Additional camps and programs may be available on the Penn Athletics website (http://www.pennathletics.com) under Sports.

ENRICHMENT AND RECREATION

Anthropologists in the Making: June 26-August 18. Penn Museum invites campers ages 7-13 to explore ancient and contemporary cultures through eight unique weeks of interactive gallery tours, art activities, scavenger hunts, games and special guest demonstrations. Monday-Friday, 9 a.m.-3 p.m. This year’s themes are:


- July 24-28: Under Greek and Roman Skies. Whether it is for entertainment or spiritual purposes, dance has been an important aspect of human culture through the millennia. Learn how dance can be used to communicate with spirits, influence nature or honor an important life event. Learn some hip-hop moves, craft a rain stick and design a mask.

- July 10-14: I Dig Anthropology. Biological anthropology, cultural anthropology, linguistic anthropology and archaeology make up the branches of anthropology. Participate in activities that celebrate all four fields, from excavating a simulated dig site, to learning the development of the alphabet, to examining cultural values.


- July 24-28: Under Greek and Roman Skies. Do you love to stare up at the night sky? Learn about the contributions of the ancient Greeks to the field of astronomy. Explore Etruscan divination and Roman astrology. Draw your own constellation and create a story about its origins. Perform a planetarium show for your friends and family.

- July 31-August 4: Medicine: Ancient and Modern. Discover ancient Egyptian cures that are still used today. Learn about Chinese traditional medicine and how the Maasai curb malaria. Explore how medical technology is utilized to help conserve and interpret artifacts. Create a poultice, write a healing spell and fashion a shaman’s drum.

- August 7-11: Mummies Unwrapped. Get to know mummies from the land of Egypt and beyond. Make a Roman mummy portrait, create an animal mummy and design a mask inspired by a Maori mummy. Visit In the Artifact Lab and chat with a conservator. You just might even touch a mummy!

- August 14-18: Daily Life in Ancient Rome. Learn about everyday people and life in ancient Rome. Explore family life, politics, worship and occupations. Create an ancient Roman menu and reenact a dining scene. Sculpt a dish, taste garum and reenact a dining scene. Sculp a dish, taste garum and piece together a mosaic. Register after May 1: $310/week, $290/members. Pre-camp (8-9 a.m.) and after-camp (3-5 p.m.) care is available for additional fees. Call (215) 898-4016, email summer-camp@pennmuseum.org or visit http://penn.museum/camp

Morris Arboretum Summer Adventure Camp: June 26-August 4. At Morris Arboretum’s Summer Adventure Camp, thrill-seeking nature lovers ages 4-10 will find exciting adventures, experiments and crafts. Little Lightning Bugs is the Arboretum’s new program for 4- and 5-year-olds. Bloomfield Buddies is the program for campers ages 6-10. It will be held at the Arboretum’s Bloomfield Farm Barn, offering direct access to Springfield Mill, hiking trails, wetland habitats, honeybee colonies and wildlife.

This year’s Little Lightning Bugs themes are:

- June 26-30: Backyard Bug Adventure. Use your observation skills to hunt for insects and arachnids that call the Arboretum home. Learn about insect life cycles and create fun “buggy crafts.”

- July 3-7 (no camp on July 4): Silly Science Fun. Transform into a mad scientist during this fun hands-on week of scientific discovery. Experiment with bubbles, make green slime and create messy science experiments.

- July 10-14: Paint, Sculpt, Play. Create nature-inspired paintings on canvases and watercolor paper, make animal sculptures out of clay and take mini expeditions around the Arboretum’s lush gardens.

- July 17-21: Animal “Tales”: Storytime and Art Explorations. Enjoy nature-inspired stories and fables in different garden locations throughout the week and make your own picture book
Attendees get to shadow fourth-year veterinary students in their work with animals through the Summer VETS (Veterinary Exploration Through Science) Program.

inspired by the animal tales.

July 7-7: (no camp on July 4): Grossology Grandeur. Explore the science behind all of the things that make you say “Yuck!” Conduct slimy experiments, dig for worms and get down and dirty in nature.

July 10-14: Where the Wild Things Are. Get your hiking shoes on as we explore the Arboretum’s outback in search of Captain Fuzzy Bottom and friends—our groundhog Adventure Camp mascot.


July 24-28: Arts & Nature Poetry Jam. The sounds and sights of nature at the Arboretum will be the muse and inspiration for campers to write, paint and create. Keep a nature field journal, write and recite poems and paint on canvases.

July 31-August 4: Camp Nature Play. Skip, jump and play while exploring the gardens through scavenger hunts and mini hiking expeditions. This camp includes lots of games, including nature bingo, and crafts.

This year’s Bloomfield Buddies themes are:

- June 26-30: Scientific Time Travelers. Experiment with microscopes while exploring scientific inventions and achievements of the past, present and future.
- July 4-7: An Ology A Day. Explore a different “ology” each day of camp. You will receive a crash course in science disciplines ranging from biology to archaeology, with fun craft projects and shoebox digs.
- July 31-August 4: Camp Nature Play. Skip, jump and play while exploring the gardens through scavenger hunts and mini hiking expeditions. This camp includes lots of games, including nature bingo, and crafts.

High school players looking for individualized instruction will work with college coaches. Cost: $200/6 sessions.

Women’s Elite Basketball Camp: Session I: June 23-24; Session II: August 12. Rigorous program for highly motivated female student-athletes with the will and desire to play basketball at the collegiate level. Open to all girls in grades 9-12 as of September 2016. Register: https://pennbasketballcamp.com/womensbasketball/index.php

Penn Elite Field Hockey Camp: July 5-7. Camp will challenge players to elevate their game to the next level with high-intensity skills sessions and games reflective of collegiate play. Open to all high school age players. Cost: $530/overnight, $475/commuter. Information: https://pennfieldhockeycamps.com/elite-camp.php

Ray Priore Football Camps: Specialist Camps for Kickers/Punters: June 22 and July 13. One-Day Clinics: June 23, 24 and 25; July 7, 8 and 14. Camp activities are structured to resemble Penn’s football practices. Athletes will be challenged and will compete in drills aimed at developing proficiency in each position. Open to participants entering grades 9-12. Cost: $75/kicking clinics; $150/one-day clinics. Register: www.pennfootballcamp.com

Quaker Basketball Camp: July 11-13. Designed to enhance individual fundamentals and overall skill set of players. The staff is comprised of Penn players and coaches who will run each session like a college practice. Open to boys entering grades 9-12. Cost: $665/resident, $550/commuter. Register: http://quakerlacrossecamps.com

Girls’ Elite Lacrosse Day Camps: June 26 and 27 and July 6. Provides an intense and challenging experience for girls entering eighth grade through pre-college. All sessions will be run like a college practice by top college coaches. Register by February 1: $200 per camp. Register after February 1: $250 for one day camp, $225 per camp for two or more. Apply: https://pennlacrosse.com

Quaker Rowing Camp: Session I: July 16-20; Session II: July 23-27. For experienced and novice rowers (ages 13-18) looking to significantly improve their rowing ability. Instruction and coaching will be geared to the experience level and talents of each camper. Includes two daily practices on the water as well as active seminars on erg training and body circuits. Cost and registration: www.quakerrowingcamp.com

Rudy Fuller Soccer Camps: July 31-August 4. For boys and girls in grades K-5. These Junior Quaker Camps offer players of various skill levels the opportunity to improve their soccer skills. Development of individual skills taught through fun exercises, daily competitions and small games. Cost: $300; discounts available. Register: www.rudyfullersoccer.com/junior_quaker_camps.cfm

Penn Softball Camp: Session I: June 13; Session II: 19-20. For serious players, ages 13-18. Camp activities are structured similar to Penn Softball tradition. Campers will be challenged with new drills and skills that will improve their offensive and defensive fundamentals. They will participate in competitive and challenging game simulations that expose
ACADEMICS

Art: Summer at Penn: July 2-29/residential program. PennDesign offers a four-week intensive studio art program for high school students. The program prepares students for the college admissions process as they experience life while strengthening their portfolios. Courses are held within the School of Design’s fine art studios. Deadline: rolling admissions. Cost: $6,250. Apply: www.jkcp.com/program/art-summer-at-penn/

Architecture: Summer at Penn: July 2-29/residential program. PennDesign offers a four-week intensive studio summer art program for high school students. The program prepares students for the college admissions process as they experience life while strengthening their portfolios. Courses are held within the School of Design’s fine art studios. Deadline: rolling admissions. Cost: $6,495. Contact: mlcourse@lrsn.upenn.edu Apply: www.jkcp.com/program/architecture-summer-at-penn

Penn Summer Science Initiative for High School Students: July 10-August 4. A free, four-week summer program for students entering their junior or senior year of high school, in materials science and engineering. The program consists of lectures on materials, a computer lab, experimental labs and field trips to both industrial and Penn facilities. Deadline: April 15. Apply: www.lrsn.upenn.edu/outreach/pssi/

Provost Summer Mentorship Program: July 3-August 4. The Provost Summer Mentorship Program is a four-week college preparatory and career exploration program providing hands-on experience through custom curricula in one of five Penn professional schools: School of Dental Medicine, School of Engineering & Applied Sciences, Penn Law, School of Nursing, and School of Medicine. The program is open to current 10th grade students from Philadelphia School District only. Registration opens: February 10. Contact: Gail Oberton, (215) 898-8242 or oberton@upenn.edu Information: www.vet.upenn.edu/eap/smp/

Teen Research and Education in Environmental Science (TREES): June 26-August 11. Hosted by the Center for Excellence in Environmental Science (TREES). TREES offers rising sophomores, juniors and seniors from local high schools a unique, hands-on research experience, lectures in environmental science, field trips and more. Students develop their own research projects. The tuition-free program lasts for about eight weeks. Deadline: March 1. Apply: http://ceet.upenn.edu/training-career-development/summer-programs/

Penn GEMS Camp (Girls in Engineering, Math and Science): July 24-28. The School of Engineering & Applied Science’s Penn GEMS program is a week-long day camp targeted at girls finishing sixth, through eighth grades who are interested in math, science and engineering. Students work with faculty and students in bioengineering, materials science, graphics and computing. A special robotics-only track is also available. Registration opens January 30. Deadline: March 31. Cost: $625. Apply: www.seas.upenn.edu/awe/gems/ Contact: awe@seas.upenn.edu


Summer VETS (Veterinary Exploration Through Science) Program: College/post-bac: June 12-16 and June 19-23; current high school juniors/seniors: July 10-14 and July 17-21. Monday-Friday, 9 a.m.-4 p.m. Offered by Penn’s School of Veterinary Medicine, the Summer VETS Program gives students the opportunity to take part in labs and lectures and shadow through clinics with fourth-year veterinary students at the Matthew J. Ryan Small Animal Hospital. Cost: $975. Deadline: April 3. Information: www.vet.upenn.edu/education/admissions/summer-vets-program

Julian Krinsky Summer Internship Program: June 25-July 15 and July 16-August 3. Depending on their chosen field, students spend three or six weeks working in an office, lab, studio, museum, sports venue or hospital, where they learn about the field, get work experience and live on campus at Penn. Transportation is provided to and from work. For rising

**Engineering Summer Academy at Penn (ESAP):** July 2-22. Sponsored by Penn Engineering, ESAP offers an opportunity for rising sophomores through seniors to experience rigorous and challenging college-level coursework. The Academy’s intensive, three-week program combines sophisticated theory with hands-on practical experience in cutting-edge technologies such as biotechnology, computer graphics, computer science, nanotechnology, robotics or engineering complex networks. Open to rising sophomores, juniors and seniors. Priority deadline: February 24; final deadline: April 24. Application fee: $75. Cost: $7,375; financial aid available. Contact: esap@seas.upenn.edu. Apply: www.seas.upenn.edu/esar

**Penn Summer Academies:** July 2-22. Open to rising sophomores, juniors and seniors. Cost: $4,200; financial aid available. Deadline: May 15, or until Academies reach capacity. For additional details and application, visit www.sas.upenn.edu/summer/enrollment

**Biomedical Research Academy:** Introduces students to the experimental basis of biology, including relevance to disease. Morning lectures cover the cellular, molecular and genetic aspects of biology, while afternoons are spent in the laboratory with hands-on experiments that introduce students to the tools and techniques used in biomedical research.

**Chemistry Research Academy:** Provides students with hands-on experiences in cutting-edge research projects in the chemical sciences, including synthesis and characterization of new compounds and materials, chemistry of life processes, spectroscopy and environmental photochemistry, nanoscale materials and molecular devices.

**Experimental Physics Research Academy:** Focuses on modern physics with an emphasis on hands-on experience and laboratory work. Program topics include mechanics, electromagnetism, quantum dynamics and astrophysics.

**Neuroscience Research Academy:** Introduces students to the foundational knowledge of the brain. Morning and afternoon lectures address important neuroscientific topics, progressing from the cellular foundations of the neuron, to an understanding of the sensory systems, and culminating with higher-order cognitive functions such as memory, emotion and morality.

**Social Justice Research Academy:** Students examine the historical importance and contemporary relevance of struggles for equality and justice using past and present examples, such as peasant revolts, slave rebellions, anti-colonial and anti-apartheid independence movements, the Arab Spring, the Occupy movement and ongoing human rights campaigns.

**Penn Summer Pre-College Program:** June 27-August 12. The Penn Summer Pre-College program is designed for students who are interested in a college experience typical of an undergraduate freshman. Participants enroll in one or two courses for academic credit and are fully integrated with Penn students. As an in-advising, extracurricular activities and weekend trips are included. Open to rising juniors and seniors. Deadline: May 15. For costs and to apply, see www.sas.upenn.edu/summer/programs/highschool/pre-college

**Penn Summer Young Scholars Program:** Session I: May 22-June 28; Session II: June 29-August 4. This commuter program is an opportunity for academically exceptional local high school students to take college courses with Penn students and earn full college credits. Young Scholars can pursue their favorite discipline and the level offered with their peers in secondary schools, get a head start on their college requirements or explore a brand-new field that interests them. Open to rising juniors and seniors. Deadlines: Session I, May 1; Session II, June 1. For costs and to apply, see www.sas.upenn.edu/summer/programs/high-school

**Penn Law Pre-College Summer Academy:** July 2-22. This residential academy is designed to give motivated rising high school juniors and seniors, as well as college freshman and sophomores, a clear insight into US law and the legal profession. Deadline: rolling admissions. Cost: $7,999. Apply: www.summerdiscovery.upenn-law

**Penn Medicine Summer Program:** July 2-29. A residential medical program (part of Julian Krinsky Camps (JKCP) for rising high school seniors. Students are guided and taught by Penn Medicine faculty and staff and are immersed in the world of medicine as they explore the career possibilities available to medical students. Cost: $7,650/session. Deadline: March 10. Apply: www.jkcp.com/program/penn-medical-high-school-summer-program/

**Leadership Education and Development (LEAD) Program** at Wharton: July 2-22. The LEAD Program introduces youth of diverse backgrounds to key areas of business. First established at Wharton in 1980, the program features lectures by corporate executives and Wharton faculty, team-based assignments and visits to businesses in Philadelphia, Washington, DC and New York City. Cost: $2,000/two weeks; $3,000/three weeks. Deadline: February 15. For more information, call (215) 261-7001. Apply: www.wharton.upenn.edu/lead-program-wharton/

**Leadership in the Business World (LBW):** July 2-29. LBW is a program for talented and ambitious rising seniors in high school who want to learn about leadership in business. LBW features classes with Wharton professors, lectures from prominent business leaders, site visits to businesses in Philadelphia and New York City and team-based activities designed to enhance leadership skills. Cost: $7,500. Deadline: February 3. Apply: www.wharton.upenn.edu/leadership-business-world/

**Management & Technology Summer Institute (M&TSI):** July 2-22. M&TSI is a for-credit summer program for rising high school seniors and a select few rising high school juniors interested in exploring the integration of technological concepts and management principles. The program features classes taught by leading faculty and successful entrepreneurs, field trips to companies and R&D facilities, intensive team projects, as well as other activities designed to give students the opportunity to learn about the principles and practice of technological innovation. Cost: $7,000. Registration opens: March 1. Apply: www.upenn.edu/fisher/summer-mt

**Wharton Sports Business Academy (WSBA):** June 25-July 22. WSBA provides an opportunity for talented rising high school juniors and seniors to study sports business leadership at the Wharton School. This program teaches students about ownership, sports agent marketing, media and how they meet and learn from leaders in the sports business world. Cost: $7,695; financial aid available. Deadline: February 20. Apply: wsb.wharton.upenn.edu/businesseducation-wsba.html


**Wharton Moneyball Academy:** July 23-August 5. Students will learn the “Moneyball” method which focuses on using data to make deep discoveries that are not obvious and certainly go against conventional wisdom. When it comes to sports, they will become data driven decision makers. As they learn statistical reasoning as well as key data analysis skills, they will be primed to be leaders in an increasingly data driven economy. This program is ideal for students with a strong background in math and a love of sports. An interest in computer programming is recommended but no specific background is necessary. Cost: $3,995; financial aid available. Deadline: rolling admissions. Apply: www.jkcp.com/program/wharton-moneyball-academy.php

**Institute for Academic Studies (IAS):** Session I: July 3-28 (deadline: May 26); Session II: August 1-25 (deadline: June 23). Offered by the English Language Center, IAS provides a foundation for university-level English. Students receive an introduction to academic content-based language and experience life and culture at a US university. Guest lectures from Penn professors offer students a unique university experience. For students at least 18 years old with a language proficiency at the CEFR level of B1- as demonstrated by TOEFL iBT of 57+, TOEFL PBT of 487+, IELTS of 5.5+, or TOEIC of 550+. Cost: $2,998/session. Apply: www.sas.upenn.edu/elp/apply

**Institute for Business Communication (IBC):** July 3-28 (deadline: May 26) and August 1-25 (deadline: June 23). Offered by the English Language Center, IBC assists students in improving their business language and communication. By using real-world business issues and topics, the program helps students enhance their professional skills. Guest lectures from Penn professors offer students a unique university experience. For students at least 18 years old with a language proficiency at the CEFR level of B1- as demonstrated by TOEFL iBT of 57+, TOEFL PBT of 487+, IELTS of 5.5+, or TOEIC of 550+. Cost: $2,998/session. Apply: www.sas.upenn.edu/elp/apply