

## 2020 Summer Camps and Programs at Penn

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 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 (<https://tinyurl.com/pennsummersportscamps>).

### ENRICHMENT AND RECREATION

#### Morris Arboretum Summer Adventure

**Camp:** June 29-August 7. Awaken the mind, nurture the spirit and energize the body of your child at the Morris Arboretum's Summer Adventure Camp. Led by experienced teachers, the goal is to inspire new generations of citizen scientists by tapping in to their natural curiosity about the world around them. *Little Lightning Bugs* is for campers ages 4-6; *Bloomfield Buddies* is for ages 7-11. Most itineraries include science experimentation, daily hikes, creek exploration, guest speaker chats, birding walks, craft activities and sprinkler play. Monday-Friday 9 a.m.-3 p.m. Costs: Early Bird (ends March 3): \$260 members, \$280 non-members/week; after March 3: \$295 members, \$315 non-members/week. Register: [www.morrisarboretum.org/ed\\_summerAdventureCamp.shtml](http://www.morrisarboretum.org/ed_summerAdventureCamp.shtml) Contact: [igrubin@upenn.edu](mailto:igrubin@upenn.edu)

#### Little Lightning Bugs 2020 Themes:

June 29-July 3: *Backyard Bugs*. From butterflies to beetles, young explorers will search for the arboretum's smallest and most numerous inhabitants. Campers will hike, make crafts and play games, all while learning about the incredible world of insects.

July 6-10: *Sensing Nature*. We will use our senses (touch, smell, sight and hearing) to explore everything that the arboretum has to offer. Our week will include sensory games, scavenger hunts, nature play and nature-inspired art.

July 13-17: *Leaves and Limbs*. From tall trees to fallen stumps, many animals call trees their home. We'll look at how trees grow from tiny seeds to forest giants, and do tree-inspired crafts and games.

July 20-24: *Nature Jams*. Listen carefully to the sounds of nature: a babbling brook, wind rustling through the trees, bird calls. We'll have fun listening to all the sounds around us, and also make our own music!

July 27-31: *Hide and Seek*. What child doesn't love a game of hide and seek? Learn about plant and animal adaptations that help them to hide including camouflage and mimicry, and search the arboretum for special discoveries.

August 3-7: *Artists in the Garden*. Between morning walks and splashing in sprinklers, art and creativity will abound. Little lightning bugs will draw inspiration from nature and create works of art all week.

#### Bloomfield Buddies 2020 Themes:

June 29-July 3: *Pollinator Power*. Did you know that about 1/3 of what we eat and drink is delivered via pollinator? Campers will hop, skip and jump their way through fields and flowers, while also learning about pollinator diversity, monarch migrations and meet a beekeeper.

July 6-10: *Eco-kids*. Campers will learn what it takes to care for our planet and to protect the plants and animals that live here. We'll have fun exploring habitats and learning how our eco-friendly actions can make a difference.

July 13-17: *Garden Science*. Did you know that one teaspoon of soil can hold one billion organisms? Dig, experiment and explore in this exciting week of STEM in the garden.

July 20-24: *Bird Bonanza*. From hummingbirds to hawks, campers will become honorary ornithologists (bird scientists). We'll flap our way around the arboretum while playing games and

learning about our feathered friends.

July 27-31: *Nature Ninjas*. Nature Ninjas are back again! Jump like a rabbit, slither like a snake, flutter like a butterfly. This week will be filled with games, races and nature explorations.

August 3-7: *Art at the Arboretum*. Art and nature go hand in hand. During this creative and colorful week, campers will draw inspiration from nature and create beautiful works of art.

#### Penn Band High School Summer

**Camp:** July 5-11. This program exposes wind, brass and percussion instrumentalists in grades 8-12 to music and mirth on Penn's historic college campus. Participants perform a diverse repertoire of challenging and fun music. A low student to-instructor ratio is maintained to ensure a high level of instruction and attention to each student. The program includes guest lectures on topics in student leadership, group-building and conducting. Cost: \$1,030/overnight; \$550/commuter; 10% faculty/staff discount or 10% early-bird (February 28) discount. Registration deadline: June 19. Scholarship application deadline: May 8. Register: [www.pennband.net/outreach/](http://www.pennband.net/outreach/) Contact: [kgupta@upenn.edu](mailto:kgupta@upenn.edu)

#### Penn Museum's Anthropologists in the Making:

**Anthropologists in the Making:** Anthropologists in the Making is designed for children who will be entering 2nd-8th grades for the 2020-2021 school year. Cost: Register by May 1, \$280 members/\$300 non-members/week; after May 1, \$300 members/\$320 non-members/week; pre- and after-camp care for fee and scholarships available. Scholarship deadline: April 15. Info and registration: <https://tinyurl.com/museumcamps2020>

June 22-26: *Who's Who in Ancient Egypt*. Take a trip back in time as you examine artifacts in the museum galleries. Explore what life was like for pharaohs, priests, scribes and commoners. Make papyrus, sculpt a magic wand and engineer a boat for the Nile. Listen to stories from Egyptian mythology and discover how Ancient Egyptians celebrated life after death.

June 29-July 3: *Signs and Superstitions*. If you have ever crossed your fingers, knocked on wood, or avoided stepping on a sidewalk crack, this is the camp session for you! Explore the origins of these customs and why we still practice them today. Discover what methods people from around the world use to ward off evil or bring good fortune. Create your own superstition and then make a protective amulet.

July 6-10: *Kingdoms of Africa*. Africa has been home to many great kingdoms, each with its own political structure, culture and traditions. Take an expedition across this vast continent as you explore the pyramids and temples of ancient Egypt, the bronze-work of Benin and the musical traditions of Africa. Learn about the importance of textiles, sculpt your own Nubian shabti and create and play your own mbira, a musical instrument from southern Africa.

July 13-17: *Can You Dig It?* Do you like to get your hands dirty? Participate in a mock dig and uncover artifacts from around the world. Learn to think like an archaeologist as you piece together your findings and identify what they are. Help your team catalog, clean and research your findings. Meet with an archaeologist, listen to stories about their own excavation and explore techniques used in the field today.

July 20-24: *Engineering Marvels of the Ancient World*. Examining buildings and living structures can shed light on the daily lives of people, their political systems and religious beliefs. Learn about architectural feats created long ago and make a model of your favorite "Seven Wonders of the World." Experiment with building Roman arches and domes, Greek temple facades and Native American dwellings. Participate in building challenges and see if how you compare to some of the great engineers of the ancient past.

July 27-31: *On Your Mark, Get Set, Go!* Would you walk 200 miles from Athens to Olympia to watch the Olympic Games? Or to play ball in the Maya Ball court? Games have been a major form of entertainment throughout history. Search for ancient game pieces in the Museum's galleries, challenge a fellow camper to a friendly match of Senet or mancala, and participate in a challenging outdoor obstacle course. Design and build your own game to share with family and friends!

August 3-7: *Powerful People: Kings, Queens, Pharaohs and Shamans*. Do you know what it means to be powerful? Why did so many cultures have kings and queens and where are they today? Learn what it means to be powerful in a variety of cultures around the world and throughout time. Make a ceremonial mask and participate in a textile workshop. Discover regalia, art and other symbols of status as you explore the museum galleries.

August 10-14: *Navigating the Stars*. Do you love to stare up at the night sky? In the past, people navigated the seas, created calendars and planted their crops by observing the movement of the sun, moon and stars. Learn about the contributions of ancient Greek, Egyptian, Babylonian and American civilizations to the field of astronomy. Listen to important myths based on the stars, draw your own constellation in the sky and create a story about its origin.

(continued on page II)



Morris Arboretum Summer Adventure Camp.

Photo courtesy of Tiffany Stahl, Morris Arboretum

# 2020 Summer Camps and Programs at Penn

(continued from page I)

**Penn Museum's Junior Anthropologists in the Making:** This camp invites the youngest campers to explore the Penn Museum through structured, hands-on activities. This camp is designed for children who will be entering 1st grade for the 2020-2021 school year. Cost: Register by *May 1*, \$280 members/\$300 non-members/week; after May 1, \$300 members/\$320 non-members/week; pre- and after-camp care for fee and scholarships available. Info and registration: <https://tinyurl.com/pennmuseumjrcamp2020>

**June 22-26: Journey to Ancient Egypt.** Explore what life was like for pharaohs, priests, scribes and commoners in Ancient Egypt. Make papyrus, sculpt a magic wand and engineer a boat for the Nile. Listen to stories from Egyptian mythology and discover how Ancient Egyptians celebrated life after death.

**June 29-July 3: Cross Your Fingers, Knock on Wood.** Have you ever crossed your fingers, knocked on wood, or avoided stepping on a sidewalk crack? Why did you do it? Was it for good luck or something else? Explore the origins of these customs and why we still practice them today. Create your own superstition and then make a protective amulet to take home.

**July 6-10: Kings and Queens of Africa.** Africa has been the home of many great kingdoms throughout history. Explore the vast and vibrant continent of Africa as we learn about temples, pyramids, textiles and jewelry from these great kingdoms. Examine different textile patterns, sculpt a Nubian shabti and design your own musical instrument.

**July 13-17: Let's Go on a Dig!** Do you like to get your hands dirty? Participate in a mock dig and uncover artifacts from around the world. Learn to clean artifacts, piece them back together and discover the stories that they tell. Meet with an archaeologist and explore techniques used in the field today.

**July 20-24: Building Bridges, Pyramids and Temples.** Humans have lived in a wide variety of dwellings, used roads to travel and visited places of worship throughout history. The things we build and how we use them can tell us so much about the daily lives of people around the world. Join us for a week of building challenges as we design our own bridges, construct the tallest towers and create pyramids and temples fit for a king and queen!

**July 27-31: Ready, Set, Go!** It's games week at the Penn Museum! Did you know that games

exist in every culture around the world? Explore the different types of games hidden in our galleries and learn what it takes to create a game. Challenge a fellow camper to a game of Senet and design your own mancala board to take home.

**August 3-7: Pharaohs and Queens, Princes and Kings.** Why did so many cultures have kings and queens and where are they today? Learn what it meant to be a powerful leader in the past and present in cultures around the world. Discover regalia, art and other symbols of status as you explore the museum galleries.

**August 10-14: Stories from the Stars.** Have you ever stared up at the night sky and tried to find a picture in the stars? If you look closely you can find heroes, giants and monsters from some of our favorite myths and legends. Listen to important origin stories from around the world and draw own constellation in the sky.

## ACADEMICS

**Architecture: Summer at Penn:** *June 28-July 25.* This program is based on the approach of Penn's undergraduate architecture program. Students will be encouraged to develop a unique creative process as they learn specific architectural design skills. Working with Penn faculty, they will experiment with different techniques and design tools and use the city of Philadelphia's historic and modern architecture for inspiration. Cost: \$7,800. Apply: <https://jkcp.com/architecture> Deadline: *February 29*.

**Canine Handler Academy:** Beginner Session 1 *July 6-10*; Beginner Session 2 *July 13-17*; Beginner Session 3 *July 20-24*; Advanced Session *July 27-31*. Participate in hands-on dog training and working-dog demonstrations through the School of Veterinary Medicine's Penn Vet Working Dog Center. For students who are incoming 7th, 8th and 9th graders (2020-2021 school year). Counselor opportunities for high school students. Cost: \$650/week. Scholarships available. Apply: [www.vet.upenn.edu/canine-handler-academy](http://www.vet.upenn.edu/canine-handler-academy) or email [caninehandleracademy@gmail.com](mailto:caninehandleracademy@gmail.com) Registrations accepted on a first come, first served basis. Limited enrollment.

**Children's Hospital of Philadelphia Summer Program in Pediatric Medicine:** *June 28-July 11.* For high school juniors and seniors, ideal for students interested in careers in the healthcare field, including medicine, nursing, respiratory therapy, physical therapy and occupational therapy. A mix of lecture-based and skill-based learning provides a broad exposure

to the various professions that specialize in the care of babies, children and young adults. Cost: \$4,995. Apply: <https://jkcp.com/program/pediatric-medicine-summer-program/> Deadline: rolling admissions.

**Engineering Summer Academy at Penn (ESAP):** *July 5-25.* Sponsored by Penn Engineering, ESAP offers an opportunity to experience rigorous and challenging college-level coursework that combines sophisticated theory with hands-on practical experience in cutting-edge technologies such as biotech-

nology, computer graphics, computer science, nanotechnology, networks and robotics. Open to rising sophomores-seniors (students must be at least 15 years old by start of program). Cost: \$7,690, \$85 application fee; need-based financial aid available. Apply: <https://esap.seas.upenn.edu/apply/> Contact: [esap@seas.upenn.edu](mailto:esap@seas.upenn.edu) Priority deadline: *February 28*; Final deadline: *March 27*.

### Summer Internship for High School Students:

Session 1 *June 21-July 11*; Session 2 *July 12-August 1.* These internships place students entering 11th-12th grade within their field of choice, where they will benefit from a mentor who will give them a hands-on, three-week look at what they do—a priceless opportunity to see a career in action. Students will walk away from their internships with a better understanding of industry realities as well as their own interests. Cost: \$5,990/session. Apply: <https://jkcp.com/program/internships-for-high-school-students/> Deadline: rolling admissions.

### Institute for Academic Studies (IAS):

*July 13-August 7.* Offered by the ELP, 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 experience. For students at least 18 years old. Intermediate students must demonstrate a language proficiency at the CEFR level of B1- as demonstrated by TOEFL iBT of 57+, IELTS of 5.5+, or TOEIC of 550+. Pre-intermediate students must demonstrate a language proficiency at the CEFR level of A2, demonstrated by TOEFL iBT of 40+, IELTS of 5.0+, or TOEIC of 400+. Cost: \$3,095. Apply: [www.elp.upenn.edu/ias](http://www.elp.upenn.edu/ias) Deadline: *May 29*.

**Institute for Business Communication (IBC):** *July 13-August 7.* Offered by the ELP, IBC assists students in improving their business knowledge 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+, IELTS of 5.5+, or TOEIC of 550+. Cost: \$3,095. Apply: <https://www.elp.upenn.edu/ibc> Deadline: *May 29*.

### Leadership, Education, and Development Program (LEAD):

*June 28-July 18.* This Wharton summer business institute exposes minority and underrepresented rising high school seniors to the study of business principles and industries. The intense curriculum provides students with a first-hand knowledge of business philosophies, exposes them to collaborative and teamwork environments, and helps them develop their presentation and public speaking skills. It includes a demanding schedule of faculty and executive classroom presentations, corporate site visits, team projects and a five-day program designed to sharpen entrepreneurial interests. Cost: \$4,000 (financial aid available). Apply: [leadprogram.org](http://leadprogram.org) Deadline: *March 1*.

### Leadership in the Business World (LBW):

Session 1 *May 31-June 27*; Session 2 *June 28-July 25.* This is an intensive summer program for high school students (ages 15-18) who want an introduction to undergraduate business education and the opportunity to hone their leadership, teamwork and communication skills. Open to rising juniors and seniors. Fees and to

(continued on page III)

Photo courtesy of Architecture: Summer at Penn



Architecture: Summer at Penn.

[www.upenn.edu/almanac](http://www.upenn.edu/almanac)

# 2020 Summer Camps and Programs at Penn

(continued from page II)

apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Deadline: May 1.

**Management and Technology Summer Institute (M&TSI):** July 5-25. Run by the Jerome Fisher Program in Management & Technology in partnership with Penn Engineering and Wharton, M&TSI is a for-credit summer program for rising seniors and select juniors interested in exploring the integration of technological concepts and management principles. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Deadline: February 1.

**Penn Girls in Engineering Math and Science (GEMS):** June 22-26. The School of Engineering & Applied Science's Penn GEMS program is a week-long day camp for Philadelphia-area girls entering 7th-9th grade that provides hands-on activities to encourage middle school girls to continue studying math, science and computing and to think about studying engineering in college. Participate in bioengineering, nanotechnology, materials science, graphics and computing activities with other girls. Cost: \$625; \$25 application fee. Financial aid available. Apply: [www.seas.upenn.edu/awe/gems/](http://www.seas.upenn.edu/awe/gems/) Information: [awe@seas.upenn.edu](mailto:awe@seas.upenn.edu) or (215) 573-6487 Deadline: March 2.

**Penn Laboratory Experience in Natural Sciences (LENS):** June 22-July 31. Philadelphia-area high school students can gain important laboratory and computer-based data collection skills working under the direction of faculty and graduate students. For students entering 11th-12th grade. Info and apply: [www.sas.upenn.edu/STEMoutreach/](http://www.sas.upenn.edu/STEMoutreach/) Deadline: April 1.

**Penn Law Pre-College Summer Academy:** July 5-25. This residential academy provides a well-rounded introduction to the legal system and how law is practiced in the US. Students pursue their own interests in one of three specialized fields of law: business and entrepreneurship law, human rights and legal advocacy, or sports and entertainment law. Rising high school sophomores, juniors and seniors will take courses mirroring those taken by first-year law students. Standing Penn Law faculty teach select classes, and law school administrators and practitioners provide instruction on how to navigate the way to a career in law. Cost: \$8,199/residential, \$5,299/commuter. Apply: [www.summerdiscovery.com/penn-law](http://www.summerdiscovery.com/penn-law) Deadline: rolling admissions.

**Penn Medicine Summer Program:** June 28-July 25. This Perelman School of Medicine intensive program is designed for high school juniors and seniors interested in medical careers. Modeled after actual Penn Medicine classes, these classes will provide exposure to the basics of medical training including suturing, drawing blood, IVs, dissections and minimally invasive surgical techniques. Students also have the rare opportunity to observe a live surgery in Penn's surgical amphitheater. This program is a solid first step into pre-med education and careers. Cost: \$8,495. Apply: <https://jkcp.com/program/penn-medicine-summer-program-for-high-school-students/> Deadline: March 4.

**Penn Summer Pre-College Program:** June 30-August 8. Designed for academically curious high school students interested in the intellectual challenge and residential freedom of a true undergraduate experience, this program offers undergrad courses in an array of disciplines taught by Penn faculty, staff and visiting scholars. Academic advising, access to University learning resources and college admission workshops

provided. Open to rising juniors and seniors. Fees and to apply: [www.sas.upenn.edu/summer/programs/high-school/pre-college](http://www.sas.upenn.edu/summer/programs/high-school/pre-college) Deadline: April 1 for international students; May 1 for all others.

**Penn Summer Academies:** July 5-25. Subject-intensive programs fusing scientific or social theory with relevant application. Select from Biomedical Research, Chemistry Research, Experimental Physics Research, Mathematics, Neuroscience Research, Social Justice Research. Open to students entering 10th-12th grade. Financial aid available. Fees and to apply: [www.sas.upenn.edu/summer/programs/high-school/academies](http://www.sas.upenn.edu/summer/programs/high-school/academies) Deadline: May 1.

**Penn Summer Prep:** Session A July 12-24; Session B July 26-August 7. This noncredit program offers the challenge of college-level academics in an exploratory environment and gives students entering 10th-12th grade the chance to experience college life on Penn's historic campus. Fees and to apply: [www.sas.upenn.edu/summer/programs/high-school/summer-prep](http://www.sas.upenn.edu/summer/programs/high-school/summer-prep) Financial aid available. Deadline: May 1/Session A; June 1/Session B.

**Penn Summer Science Initiative (PSSI):** July 6-31. Free program for students within daily commuting distance to Penn who are entering their junior or senior year of high school and are interested in materials science and engineering. Program consists of lectures on materials, experimental labs and field trips to both industrial and Penn facilities. Apply: [www.lrsm.upenn.edu/outreach/pssi](http://www.lrsm.upenn.edu/outreach/pssi) Deadline: March 1.

**Penn Summer Young Scholars Program:** Session I May 26-July 1; Session II July 2-August 7. This commuter program is an opportunity for academically exceptional local high school students to take college courses with Penn students and earn full college credit. Scholars can pursue their favorite discipline beyond the level offered in secondary schools, get a head start on college requirements or explore a brand-new field that interests them. Open to rising juniors and seniors. Apply: [www.sas.upenn.edu/summer/programs/high-school/young-scholars](http://www.sas.upenn.edu/summer/programs/high-school/young-scholars) Deadlines: May 1/Session I; June 1/Session II.

**Provost's Summer Mentorship Program:** July 6-31. Gain experience in STEM disciplines and explore academic and career opportunities in the Schools of Dental Medicine, Engineering, Law, Medicine and Nursing. For students who have completed 9th grade for engineering; 10th grade for all other schools. Apply: [www.vpul.upenn.edu/eap/smp](http://www.vpul.upenn.edu/eap/smp) Deadline: April 3.

**Summer Math and Science Honors (SMASH) Academy:** June 27-August 1. Hosted by Wharton, this three-year STEM-intensive residential college prep program empowers low-income and first-generation students to deepen their talents and pursue STEM careers. In the summer, scholars are immersed in studies at the school. During the academic year, they participate in monthly programming. They develop their skills and network—they also find their voice



Penn LENS gives students a look at the sciences.

and build confidence. Cost: Free. Apply: [www.smash.org/programs/smash-academy/](http://www.smash.org/programs/smash-academy/) Deadline: February 28.

**Summer VETS (Veterinary Exploration Through Science) Program:** June 15-19 and July 13-17. Offered by Penn Vet, this program gives students the chance to participate in labs/lectures and visit clinical departments at the Matthew J. Ryan Small Animal Hospital. For current college/post bac students only. Cost: \$995. Apply: <https://www.vet.upenn.edu/education/vmd-admissions/summer-vets/summer-vets-application> Deadline: March 31.

**Teen Research and Education in Environmental Science (TREES):** June 22-August 14. Hosted by the Center for Excellence in Environmental Toxicology in the Perelman School of Medicine, this program offers approximately eight local students entering 10th-12th grade a unique, hands-on environmental research experience; students work one-on-one with mentors on projects they choose and design. Cost: Free (small fees for supplies and social/cultural activities; students responsible for all transportation costs). Apply: <https://bit.ly/2NYmA9c> Deadline: March 2, 5 p.m.

**University Connection:** June 25-August 14. UniConn combines academic English preparation with one-on-one advising, admissions workshops, and orientation to US university culture to help you successfully apply and gain admission to undergraduate or graduate degree programs at US universities. Information, fees and to apply: <https://www.elp.upenn.edu/program/university-connection-program> or [ltalang@sas.upenn.edu](mailto:ltalang@sas.upenn.edu) Deadline: May 8.

**Wharton Essentials of Entrepreneurship:** Session 1 May 31-June 13; Session 2 June 14-27; Session 3 June 28-July 11; Session 4 July 12-25; Session 5 July 26-August 8. This is an intensive two-week, residential program for high school students (ages 14-18) interested in topics of entrepreneurship, including, but not limited to: concept creation, innovative thinking, product design, prototyping and testing. Open to rising sophomores, juniors and seniors. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Priority deadline: January 22; Final deadline: May 1.

**Wharton Essentials of Finance:** Session 1 May 31-June 13; Session 2 June 14-27; Session 3 June 28-July 11; Session 4 July 12-25; Session 5 July 26-August 8. This is an intensive two-week, residential program for high school students (ages

(continued on page IV)

# 2020 Summer Camps and Programs at Penn

(continued from page III)

14-18) interested in topics of finance, including, but not limited to: time value of money, corporate finance, financial ethics and decision-making. Open to rising sophomores, juniors and seniors. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Priority deadline: January 22; Final deadline: May 1.

**Wharton Data Science Academy:** *July 19-August 8.* This program brings state-of-the-art machine learning and data science tools to students ages 14-18. Students will learn data visualization and data wrangling and will gain exposure to modern machine learning methodologies. Open to rising sophomores, juniors and seniors. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Priority deadline: January 22; International students deadline: April 1; final deadline: May 1.

**Wharton Moneyball Academy:** *July 5-25.* Sponsored by the Wharton Sports Business Initiative (WSBI), this program focuses on fundamentals of statistical thinking, real applications employed by statistics professionals in sports analytics and an introduction to statistical programming languages. Open to rising high school juniors and seniors. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Priority deadline: January 22; final deadline: March 4.

**Wharton Moneyball Academy Training Camp:** Session 1 *June 21-27*; Session 2 *July 19-25.* This program serves as an entrée into the sports statistics world as it is not heavily focused on computing but rather the fundamental principles of sports statistics. Open to rising high school sophomores, juniors and seniors. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Priority deadline: January 22; Final deadline: March 4.

**Wharton Sports Business Academy (WSBA):** *June 28-July 18.* This camp teaches students about ownership, sports agents, marketing, media and labor as they meet and learn from leaders in the sports business world. Open to rising high school juniors and seniors. Fees and to apply: <https://globalyouth.wharton.upenn.edu/summer-high-school-programs/> Priority deadline: January 22; Final deadline: March 4.

## ATHLETICS

**Steve Donahue's Quaker Basketball Camp:** *June 22-25.* Day camp where boys ages 7 to 16 learn the fundamentals in the historic Palestra with Penn's coaching staff and players in a fun environment. Cost: \$225. Discount for Penn faculty and staff. Call (215) 898-6150 or email [jmih@upenn.edu](mailto:jmih@upenn.edu) to get the promo code. Register: [www.pennbasketballcamp.com](http://www.pennbasketballcamp.com)

**Penn Women's Basketball Day Camp:** *June 29-July 2.* Instructional day camp where girls and boys entering 1st-8th grade have the opportunity to learn the fundamentals of basketball with Penn's coaching staff and players in a fun and positive environment. Cost: \$225 if registered by May 1; \$250 after May 1. Discount for Penn faculty and staff available; Email [chmcc@upenn.edu](mailto:chmcc@upenn.edu) to get the promo code. Register: [www.pennbasketballcamp.com](http://www.pennbasketballcamp.com)

**John Yurkow Baseball Camps High School Baseball Prospect Camp:** *June 8-9;* For 9th-12th graders, consists of instruction and competitive games for a true college baseball experience. Cost: \$405. Contact: [santello@upenn.edu](mailto:santello@upenn.edu) or (215) 746-2325. Info: [www.pennbaseballcamp.com](http://www.pennbaseballcamp.com)

[www.upenn.edu/almanac](http://www.upenn.edu/almanac)

**Youth Quaker Baseball Camp@ Meiklejohn Stadium:** Session I *June 22-25*; Session II *July 13-16*; Session III *August 3-6.* Organized, structured camp focused on helping players ages 7-13 refine their game. Competitive and challenging drills will be performed daily. Cost: \$275. Penn employee and multiple camp discounts. Contact: [santello@upenn.edu](mailto:santello@upenn.edu) or (215) 746-2325.

**University City Fencing Academy:** *June 15-19, July 13-17, August dates TBD.* Located in Penn's state-of-the-art fencing gym, this day camp welcomes present and future athletes of all levels ages 10-17 to participate in the Olympic sport of fencing. UCFA offers training in epee, foil and saber from elite coaching staff. Cost: \$395/week plus registration fee. Info: (267)237-2312, [unicityfencing@gmail.com](mailto:unicityfencing@gmail.com)

**Penn Elite Field Hockey Camp:** *June 20, June 21 & July 8.* Goal of this day camp is to challenge players to elevate their game with high-intensity skills sessions and games reflective of collegiate play. Goalkeepers taught by experienced goal-keeping coach. Strong camper-to-coach ratio; space limited. Open to incoming 8th graders through high school-aged girls. Cost: \$250/day. Register: <https://pennfieldhockeycamps.com>

**Ray Priore Football Camps:** One-Day Clinics: *June 20, 21, 26, 27 & 28; July 7, 10, 11, & 12.* Evening Kicking One-Day Clinics: *June 27 & July 11.* Activities structured to resemble Penn's football practices. Athletes will be challenged and compete in drills aimed at developing proficiency in each position. For players entering 9th-12th grade. Cost: \$155/one-day clinics; \$80/kicking clinic. Register: [www.pennfootballcamp.com](http://www.pennfootballcamp.com)

**Penn Gymnastics Day Camps:** Session 1 *June 22-26*; Session 2 *June 29-July 3*; Session 3 *July 6-10*; Session 4 *July 11*; Session 5 *July 12*; Session 6 *July 13-17*; Session 7 *July 20-24.* Sessions 1-3, 6 & 7 will be Recreational Gymnastics up to Level 5; USA Gymnastics Competitive Level 6-Elite sessions 4 & 5. Recreational through level 5 for 5-12 years old. Team Girls level 6-Elite for 8-18 years old. No experience necessary for Recreational. Cost: Recreational \$460/per week; Junior Olympic \$260/per day. Register and info: [www.penngymnasticcamps.com](http://www.penngymnasticcamps.com)

**Quaker Boys' Lacrosse Prospect Day:** *June 21.* This clinic is designed to provide the opportunity to learn from and showcase your skills in front of the Penn coaching staff. Additional staff will be hired from local lacrosse programs. Cost: \$140. Register: <http://quakerlacrosscamps.com/event/quaker-june-prospect-clinic/>

**Quaker Elite Boys' Lacrosse Camp:** *July 15-16.* Designed to enhance individual fundamentals and overall skill set. The staff of college coaches and Penn players run each session like a college practice. Open to boys entering 9th-12th grade. Cost: \$475/resident, \$400/commuter. Register: <http://quakerlacrosscamps.com/event/2019-quaker-elite-lacrosse-camp-high-school/>

**Penn Junior Quaker Soccer Camp:** *June 22-25, July 27-30.* For boys and girls grades K-5. Offers 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 and register: [www.upennsocceramps.com](http://www.upennsocceramps.com)

**Penn Soccer Academy Soccer Camps:** Session I *June 8-12*; Session II *July 13-17*; Session III *July 20-24.* For boys and girls age 5-13. Led by Penn Women's Soccer's experienced and energetic coaching staff, these camps create a fun learning environment for all ages and skill levels. Campers learn and improve skills through age appropriate exercises, skills competitions and games. Cost: \$320/full day; \$180/half day. Lunch and snack bar available for purchase. Register: [www.pennsocceracademy.com](http://www.pennsocceracademy.com)

**Penn Squash Camp:** Session 1 *June 21-25*, Session 2 *June 28-July 2*, Session 3 *July 7-11.* Open to all skill levels, ages 10-18. Designed to help beginner, intermediate and elite players develop their game at a world-class institution. Campers receive instruction and a wealth of knowledge from Penn coaches. Focus is on technique, tactics, mental toughness, goal-setting and physical fitness to give players a better understanding of the game and take your game to new heights. Cost and info: [pennsquashcamp.com](http://pennsquashcamp.com)

**Penn Tennis Day Camp:** *August 10-14, August 17-21, August 24-28.* For players of all experience levels, ages 5-17. Each session will focus on stroke production and technical skills, while incorporating sportsmanship, leadership and teamwork. 8:30 a.m.-3 p.m. After-camp care available 3:30-6 p.m. Cost: \$470/week, or \$425/week (\$135 discount) for those who sign up for all 3 weeks. After-care \$25/day. Register: [www.PennTennisSummerCamp.com](http://www.PennTennisSummerCamp.com) Contact: [info@pennnenniscamp.com](mailto:info@pennnenniscamp.com), (215) 315-3130.

**Penn Tennis and Racquet Sports Camp:** *Weekly June 8-August 7, August 31-September 4; Tennis and Squash Camp July 13-17.* Each camp week will focus on stroke production and technical skills while incorporating age-appropriate drills and games. Full-day camp (lunch included) for all skill levels ages 5-17; half-day camp for ages 3-5. Cost: full-day \$455/week, \$405/week for 3 weeks or more; half-day: \$305/week, \$260/week for 3 weeks or more. Info: (215) 898-4741. Register: [www.wilsontenniscamps.com/penn/](http://www.wilsontenniscamps.com/penn/)

**Penn Track & Field Clinic:** *July 5.* Led by Steve Dolan, director of track and field/cross country at Penn, and his staff. The clinic is a great opportunity for the beginner to the All-American. Lunch and snack included. Cost: \$150. Register: <https://penntrackcamps.com/>

**Penn Volleyball Camps:** Day Camps: Session 1 *June 8-9*; Session 2 *July 18-19*; Session 3 *July 27-28*; Beginning Skills Camp *July 23-24*; Elite Overnight: *July 31-August 2.* Benefit from extensive training in individual skills, team systems and competition drills. Camps offer a look into Penn's visual training methods and education around mental toughness. Open to female student-athletes entering 9th-12th grade. Fees and register: <https://upennvolleyballcamp.com/>



Penn Volleyball Camps.