



# Selected Summer Enrichment Programs

## Overview

This list is an effort to identify summer enrichment opportunities that would benefit PA students with a range of academic and personal interests. This list is not exhaustive and will be updated as we are informed of additional opportunities deemed suitable for inclusion. We have attempted to restrict this list to programs with total costs under \$1,000. Higher priced programs were excluded from this list unless they offer significant levels of need-based financial aid or scholarships, or if they are recognized as the very highest quality programs of their type.

The programs listed here are distinct from “summer academic sessions” offered at many universities in which students take college courses while living on campus. Those programs, on account of their high price tag (typically \$3,000 and higher) and limited financial aid awarded, are revenue-generating for the colleges offering them and will accept any student capable of paying the high fees. They are fine academic experiences in their own right, but are not necessary for students to be competitive admission candidates to the college hosting the program, or to highly selective colleges in general.

## In-State Opportunities

### *Discover STEM (at University of Minnesota-Twin Cities)*

[http://cse.umn.edu/k12/CSE\\_CONTENT\\_494996.php](http://cse.umn.edu/k12/CSE_CONTENT_494996.php)

What you need to know: Students entering Grades 11 and 12 are eligible for these week-long day camps offering a hands-on introduction to science, technology, engineering, and mathematics opportunities. This is a non-residential day camp in which students are on campus from 9:00 a.m. to 4:00 p.m. Admission is competitive.

Cost: Thanks to the generosity of an anonymous private donor, students selected for Discover STEM will attend for an enrollment fee of just \$50.

### *GopherBusiness Program (at University of Minnesota/Carlson School of Management)*

<http://carlsonschool.umn.edu/degrees/undergraduate/summer-high-school-programs/gopherbusiness-program>

What you need to know: Every summer, the Carlson School invites highly driven and exceptional high school sophomores and juniors to the GopherBusiness program. This is a week-long business challenge program in which students will immerse themselves in case study competitions, business simulations, and corporate and non-profit site visits all while spending a week at the University of Minnesota. Admissions is highly competitive; up to 50 high achieving students will be admitted. Ideal applicants are from diverse backgrounds (i.e. students of color, first generation to college, low family income) with a 3.4 GPA, strong math/science coursework and demonstrated leadership and involvement.

Cost: The program is free for students who are selected. Participants receive a small stipend for successfully completing the program, and will also receive a scholarship to CSOM if admitted to the college.

### *Women Mean Business program (at University of Minnesota/Carlson School of Management)*

<http://carlsonschool.umn.edu/degrees/undergraduate/summer-high-school-programs/women-mean-business>

What you need to know: This is a seven-day, residential leadership experience for current high school sophomores and juniors. Participants will explore management information systems, supply chain and operations, and other business-related fields while also meeting business leaders from the Twin Cities. Applicants should have a 3.5 GPA or better and demonstrated leadership aptitude. The program will admit up to 50 high achieving female students.

Cost: \$400, includes accommodations, meals, activities, and transportation

### ***Minnesota Institute for Talented Youth: Expand Your Mind Program (EYM)***

<http://www.mity.org/index.php/mity-programs/expand-your-mind>

What you need to know: EYM is a two-week summer experience for bright and motivated teenagers entering grades 8 through 12. This is your chance to immerse yourself in an intense study of a single course—with offerings that include acting, chemistry, math, architecture, creative writing, psychology, and engineering courses. EYM is held on the campus of Macalester College in Saint Paul.

Cost: Tuition is \$610 for a commuting student (\$1,650 if staying on campus)

### ***Upper Midwest String Camp (at College of Saint Benedict)***

<http://www.mnsota.org/events/upper-midwest-camp>

What you need to know: The Upper Midwest String and Chamber Music Conference is jointly sponsored by The College of St. Benedict in St. Joseph and MNSOTA. This is the ideal summer program for 7th through 12th grade students eager to develop their string playing through chamber music, string orchestra and technique classes. There is no entrance audition; all students are accepted in the order in which they apply. On the first day of camp, teachers hear students play to assess their experience in order to divide students according to age and ability for daily orchestra and chamber group rehearsals.

Cost: 2015 cost was \$566 all-inclusive (including double-occupancy dorm room)

### ***Engineering and Physics Camp for Girls (at St. Olaf College)***

<http://wp.stolaf.edu/conferences/summer-camps/physics-camp/>

What you need to know: This camp is open to girls entering grades 9, 10, 11 or 12 who find science challenging and fun and who are interested in engineering and innovation. Camp enrollment is limited to 40.

Cost: In 2015, the Pentair Foundation covered the tuition cost for all campers. Whether the camp will run in 2017 is being determined. Check the website in December for updates.

### ***Music Camp at St. Olaf College***

<http://wp.stolaf.edu/conferences/summer-camps/music-camp/>

What you need to know: Music camp is open to high school students who have completed grades 9, 10, 11 or 12. Join high school students from around the nation in this intense and exciting week of music-making under the direction of the internationally acclaimed St. Olaf College music faculty.

Cost: 2015 costs were \$625. 2017 costs are TBA.

### ***Theater Camps at St. Olaf College***

<http://wp.stolaf.edu/conferences/summer-camps/theater-camps/>

What you need to know: Two camps are offered in the month of June: an Acting Camp and an Advanced Theater Camp.

Cost: 2015 costs ranged from \$615 - \$875 depending on type of camp and program options. 2017 costs are TBA.

### ***Summer Academic Programs at Gustavus Adolphus College***

<http://www.gustavus.edu/camps>

What you need to know: Gustavus offers a variety of campus including a Summer Institute of Nursing, Debate Institutes, a High Altitude Ballooning Camp (great for science students), a Show Choir Camp, and the Minnesota High School Dance Festival. Check the website for exact list of camps being offered in 2017. The length of the camps ranges from 3 to 7 days.

Cost: 2015 costs ranged from \$350 to \$750 depending on the program selected, which includes all tuition, supplies, and room and board.

### ***Student Statesmanship Institute (at Concordia University-St. Paul)***

<http://www.mfc.org/about-ssi/>

What you need to know: SSI Minnesota is a project of the Minnesota Family Institute and in partnership with the Minnesota Association of Christian Home Educators and Christian schools in Minnesota. SSI is a mock government program in which students role play as state legislators and make several visits to the State Capitol. The program aims to teach about the legislative process, encourage biblical thinking on critical issues, enhance debate and communication skills, and connect students with state leaders.

Cost: 2017 costs are \$449 before April 1, \$499 after that date

### ***Minnesota Business Venture***

<http://bestprep.org/programs/minnesota-business-venture/>

What you need to know: MBV is a week-long, residential program with sessions hosted by both Saint John's University and St. Cloud State University. Students learn about leadership, business, financial literacy, and career options. The week includes a week-long assignment to create a business plan in small groups, as well as guest speakers and mock interviews. Approximately 200 students participate in each session.

Cost: Participants pay \$150 or \$200 depending on when they register. The application is available in February and is first come, first served.

## **Beyond Minnesota**

Note: Some, but not all, of the programs below have "selective" to "extremely selective" admission processes. Monitor application deadlines very closely. Requests for letters of recommendation should ideally be made a month prior to any due date; transcripts and other supporting documents require two weeks' advance notice (and completion of a form available in the College Counseling Office).

### ***Hillsdale Summer Science Camps (Hillsdale College, MI)***

<http://www.hillsdale.edu/outreach/camps>

What you need to know: Students will primarily be selected from the local Michigan and surrounding tri-state area, but students nationwide are also encouraged to apply. Available camps include Mathematics, Chemistry and Physics, and Molecular Biology. The application will be available on January 16, 2017.

Cost: In 2016, a foundation grant will cover the full cost of attendance

### ***West Point Summer Leadership Seminar (U.S. Military Academy, NY)***

<http://www.usma.edu/admissions/sitepages/summer.aspx>

What you need to know: SLE is highly competitive - there are normally 6,000 applicants and 1,000 attendees. SLE gives high school juniors a week to experience life as a cadet to inform their college selection decision. SLE is a fast-paced program of academic classes, military training, physical fitness training and intramural athletics conducted during the month of June each year. You must have standardized test scores to be considered for SLE.

Cost: \$400, plus travel arrangements. The application window opens in January 2017. \*\*Note that the first session of 2017 SLE conflicts with the PA school year. Students will be responsible for requesting significant academic arrangements if interested in attending this session.

### ***Naval Academy Summer Seminar (U.S. Naval Academy, MD)***

<http://www.usna.edu/Admissions/NASS/index.php>

What you need to know: Selection is dependent upon the overall qualification of the student **and** USNA's need to achieve complete geographic representation. All summer seminar applicants will be automatically processed as applicants to the Naval Academy upon completion of the Summer Seminar selection process. There is no need to

submit an additional preliminary application. Due to limited space in the Summer Seminar Program, USNA highly recommends that students who are not selected continue to pursue admission to the Academy. Summer Seminar is a competitive program and can only accommodate 850 students in each of the three sessions (2,550 total). Students will be notified of their status by April 15 of the application year (all sessions are held in June).

Cost: Tuition is \$450, plus travel arrangements. \*\*Note that the first session of 2017 Summer Seminar conflicts with the PA school year. Students will be responsible for requesting significant academic arrangements if interested in attending this session.

### ***Air Force Academy Summer Seminar (U.S. Air Force Academy, CO)***

<http://www.academyadmissions.com/admissions/outreach-programs/summer-seminar/>

What you need to know: Summer Seminar is an offering for high school juniors heading into their senior year. During this one week program, students are given a realistic sampling of cadet life at the Academy. Participants live in cadet dorms and eat at the cadet dining facility, attend seminars led by Academy faculty, and participate in a variety of physical activities including a practice Candidate Fitness Assessment. The application opens on December 1 and closes on January 15.

Cost: \$300, plus travel arrangements

### ***United States Naval Academy Summer S.T.E.M. Program***

<http://www.usna.edu/Admissions/Programs/STEM/>

What you need to know: Rising 9<sup>th</sup>-11<sup>th</sup> graders are eligible for this program, designed to encourage students to pursue science and engineering throughout high school and college. The program runs during different weeks for rising 9<sup>th</sup> graders, rising 10<sup>th</sup> graders, and rising 11<sup>th</sup> graders. The program is selective based on accomplishment inside the classroom, accomplishment beyond the classroom, and geography. Interest in USNA or military academies generally is not required. The application opens in January 2017.

Cost: \$550, plus transportation to and from BWI airport. Some scholarships available.

### ***University of Notre Dame Leadership Seminars***

<http://precollege.nd.edu/leadership-seminars/>

What you need to know: Notre Dame Leadership Seminars explore topics affecting the global community. The courses are centered around vibrant discussion and a robust exchange of ideas. This creates a context in which students are encouraged to examine their own conclusions and hone their own leadership capacities by improving their communications and analytical skills. Approximately 100 students are admitted to Leadership Seminars each year, and students are eligible to receive one college credit upon completion of the program. Application deadline is January 30, 2017. Due to the limited program size, admission to the Leadership Seminars should not be taken as an indication of one's competitiveness for first-year admission to Notre Dame.

Cost: \$50 required application fee, \$150 confirmation fee; all other expenses for selected students, including travel to Notre Dame, will be paid by the University

### ***University of Notre Dame Architecture Career Discovery***

<http://architecture.nd.edu/careerdiscovery>

What you need to know: The Notre Dame School of Architecture's Career Discovery program is a 12-day program and is one of the top programs in the nation for students looking to learn about studying architecture in college. This is a serious, highly rated program that is an academic experience, not a camp. Faculty and advanced students in ND's School of Architecture lead design studios, seminars, and field trips. Registration opens in February. The program is for rising high school sophomores, juniors, and seniors.

Cost: 2017 costs are \$1,900, plus cost of transportation to the Notre Dame campus.

### ***Summer Science Program (sites in New Mexico and Colorado)***

<http://summerscience.org>

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What you need to know: The Summer Science Program experience has inspired promising young scientists for more than 50 years, accelerating their intellectual and social development, and propelling them into challenging and rewarding life trajectories. The Program takes place on two campuses: New Mexico Institute of Technology in Socorro, and University of Colorado in Boulder. At each campus, 36 rising high school seniors complete a challenging research project in celestial mechanics. This is a highly selective (admit rate of 10%), widely recognized as one of the most prestigious of its kind in the world. You must be a junior taking calculus or pre-calculus to apply. Science pursuits beyond the classroom are a key aspect of admission review. The application opens in December 2016.

Cost: The 2016 cost was \$4,700 with extensive need-based aid available. Between one-third and one-half of participants receive financial aid.

### ***Joyce Ivy Foundation Summer Scholars***

<http://www.joyceivyfoundation.org/summer-scholars.html>

What you need to know: The Summer Scholars program makes it financially possible for talented female high school students in the Midwest to attend summer academic programs at some of the most rigorous and selective colleges and universities. Summer Scholars receive full and partial scholarship grants, based on demonstrated financial need, to apply to summer program tuition, room and board, and travel expenses. Merit awards of \$1,000 are awarded to students who do not demonstrate any financial need.

### ***Young Writers' Studio at University of Iowa***

<http://iowayoungwritersstudio.org/>

What you need to know: Young Writers' Studio is a summer, residential, creative writing program for high school students. Faculty are drawn from graduates of the Iowa Writers' Workshop, one of the most prestigious creative writing graduate programs in the United States. YWS is open to rising juniors and seniors, or to students who just completed high school. The application is due in mid-February.

Cost: 2016 costs were \$2,350, with full and partial tuition grants available.

### ***Experience Christendom Summer Program at Christendom College (VA)***

[www.christendom.edu/experience](http://www.christendom.edu/experience)

What you need to know: Experience Christendom is a week-long program that features study of the liberal arts with Christendom faculty (courses include History, Theology, Philosophy, and Literature), recreation activities that utilize the college's Shenandoah Valley location, and daily Mass and spiritual activities. Approximately 50 students attend each session; six sessions are offered each summer.

Cost: \$500

### ***High School Great Books Program at Thomas Aquinas College (CA)***

<https://thomasaquinas.edu/admission/high-school-summer-program>

What you need to know: Two-week program open to students who have completed three years of high school. Classes are conducted using the Discussion Method, guided by members of the TAC faculty. The program includes trips to the Getty Museum, to Los Angeles for a concert, and to Santa Barbara for exploration of the historic city. Mass is offered daily and a chaplain is available at all times; religious activities are not mandatory and non-Catholic students are truly welcome.

Cost: \$975 for tuition, housing, meals, books, and organized off campus activities.

### ***Benedictine College Immersion***

<http://www.benedictine.edu/faith-life/bcyc/immersion/index>

What you need to know: This week-long intensive summer program is held on Benedictine College's campus in Atchison, KS. Participants will receive the opportunity to grow socially, spiritually and academically through structured lessons. Classes will be taught by Benedictine College professors who are passionate about sharing their Rev. November 2016

specialized knowledge as servants of the Catholic Church. Available tracks include Great Books, Theology, Chemistry, Engineering, and Voice.

Cost: In 2015, costs were \$500, which includes lodging, meals, and events. A \$100 lab and equipment fee is also required for the science track.

### ***Film Camps at University of Tulsa***

<http://artsandsciences.utulsa.edu/academics/departments-schools/film-studies/screenwriting-and-filmmaking-camps/>

What you need to know: High school students will be able to immerse themselves in the art and craft of screenwriting and filmmaking for one week. Days are spent in a workshop setting with evening activities arranged for both recreation and further exploration of film.

Cost: In 2016, the costs were \$750-825, plus travel to the program.

### ***P.E.A.K. Programs at Wyoming Catholic College***

<http://www.wyomingcatholiccollege.com/summer>

What you need to know: Wyoming Catholic College offers a rigorously Catholic higher education based on an Outdoor Leadership education model. The P.E.A.K. programs last two weeks and offer classes with WCC professors, backpacking trips, Daily Mass and adoration, outdoor activities, and more. Students stay in newly built dorms on the WCC interim campus. The program is open to students entering their junior or senior year of high school

Cost: \$995 plus travel to Denver airport (where shuttles will take participants to WCC's campus in Lander, WY)

### ***Summer Academy at St. John's College (Santa Fe, NM and Annapolis, MD)***

<https://www.sjc.edu/summer-academy>

What you need to know: Rising juniors and seniors are eligible to attend these one-week sessions focused on studying the most important works of Western culture in small classes guided by SJC faculty. Students live on campus and participate in off-campus expeditions. Sessions offered both in Santa Fe, NM and Annapolis, MD.

Cost: Each weeklong session of the Summer Academy at St. John's College cost \$990 in 2015. This includes tuition, room and board, books, activity fees, and in most cases, transportation to and from local airports. Students may participate in multiple sessions if they wish, and financial aid may be available.

### ***Summer Engineering Seminar at Santa Clara University (Santa Clara, CA)***

<https://www.scu.edu/engineering/beyond-the-classroom/outreach/summer-engineering-seminar-ses/>

What you need to know: This summer experience is for high school sophomores and juniors who are curious about engineering. During their stay on campus, students attend introductory level workshops spanning several disciplines of engineering that are facilitated by our engineering faculty. Topics will include: Bio, Civil, Computer Science, Electrical and Mechanical Engineering. This program aims to motivate more students to pursue engineering study and workshop content is on a broad, introductory level. Women and other underrepresented groups in the field of engineering are highly encouraged to apply, though this is not a limiting factor for program participation.

Cost: There are no costs for students accepted into the program aside from travel to and from Santa Clara. 2017 application information will be posted in December 2017.

### ***PREFACE Summer Engineering Program at Rensselaer Polytechnic Institute***

<http://doso.rpi.edu/update.do?catcenterkey=87>

What you need to know: The Rensselaer PREFACE Program is a two-week residential summer experience for talented high school sophomores and juniors, who will enter 11th or 12th grade in the fall of the coming year and who have expressed a strong, early interest in pursuing a career in the engineering and technological professions. It is for serious high school students from groups that have been historically and traditionally underrepresented or

underserved in science, engineering, and technological fields. In 2015, Rensselaer accepted 24 students to participate from over 300 applicants from across the nation.

Cost: Tuition + room and board is paid in full by corporate sponsors. Students must cover the health center fee and personal expenses.

### ***Foundations Pre-College Program at Assumption College (Worcester, MA)***

<http://www.assumption.edu/summerprogram>

What you need to know: This is a 5-day residential, liberal arts-focused pre-college program for rising seniors at Assumption College, a liberal arts institution rooted in the Catholic intellectual tradition. Participants will engage in academic discussions with Assumption College faculty, visit museums in Boston, and live in a college residence hall with college students serving as residential advisors. The application is due in mid-March.

Cost: Thanks to significant donor support, the cost of the program is \$200, plus travel expenses.

### ***Engineering Summer Program at University of Wisconsin-Madison***

<http://www.engr.wisc.edu/current/coe-dao-engineering-summer-program-esp.html>

What you need to know: ESP is a fully funded, six-week residential program for students who will be high school juniors or seniors in the upcoming school year. The ESP course curriculum includes math, physics, chemistry, engineering, and technical communications. Other structured programming such as industry site visits, fieldtrips, guest lectures, workshops, and faculty mentoring will help students gain a better understanding of the field of engineering and its applications. ESP targets high school students from groups traditionally under-represented in the STEM (science, technology, engineering, mathematics) field. Women of all backgrounds may apply.

Cost: The program is fully funded, with no costs to participants other than travel to Madison.

### ***Summer Music Clinic at University of Wisconsin-Madison***

<http://continuingstudies.wisc.edu/smc/>

What you need to know: Join other high school music students for a week of creative skill-building and performance in band, orchestra, choir, musical theater and jazz ensemble. Concert groups rehearse throughout the week and your family and friends are invited to the final concerts. In addition to rehearsing with a performing ensemble (band, orchestra, choir, jazz band, or musical theatre), students take elective courses like Acting, Band Literature, Film Music History, Jazz Improvisation, Rock Stars, Music Theory, and more.

Cost: \$675

### ***Explorations Program at Iowa State University***

<http://www.opptag.iastate.edu/explorations/index.php>

What you need to know: Explorations is a one-week residential program for students entering grades 9-11. Students in this residential program live closely supervised in Iowa State University's residence halls. During this one-week time period, students get a taste of college life while focusing on an area not typically available in their traditional school setting. Classes fill on first-come, first-served basis. Application window opens on March 15. Preferred GPA is a 3.50.

Cost: \$750 for one week.

### ***Design Camp at University of Kansas***

<https://design.drupal.ku.edu/DesignCamp>

What you need to know: High school students who have completed their freshman, sophomore or junior year are invited to register for a week of immersive studio experience at KU. Students will work with our full-time Design faculty and have two completed projects to include in their portfolio at the end of KU Design Camp. This is a great opportunity for students to learn from our distinguished faculty in studios ranging from 3D modelling to digital photography, and from letterpress to lighting design.

Cost: \$900, includes residence hall accommodations, meals, studio fees, project materials, and evening activities

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*Forensic Science and Law Workshop at Duquesne University (Pittsburgh, PA)*

<http://www.duq.edu/academics/schools/natural-and-environmental-sciences/academic-programs/forensic-science-and-law/summer-workshop>

What you need to know: Students and faculty of Duquesne University's Bayer School of Natural & Environmental Sciences offer this four-day forensic science and law workshop to high school students. Starting in 2017, this program is open to students from across the country. Activities include mock trial, DNA fingerprinting, forensic psychology, mock crime science, and blood splatter analysis.

Cost: 2017 dates and costs are TBA. In 2016, the participation fee was \$200 plus \$40 per night for a residence hall stay.