savy

SUMMER ACADEMY AT VANDERBILT FOR THE YOUNG

RISING 1ST–7TH GRADES

SESSION 1: JUNE 13–17
SESSION 2: JUNE 20–24
SESSION 3: JUNE 27–JULY 1
SESSION 4: JULY 11–22
SESSION 5: JULY 25–29

2016

VANDERBILT PROGRAMS FOR TALENTED YOUTH

Our Mission

To develop talent in gifted students and those who work with them.

Founder
Camilla Benbow,
Patricia and Rodes Hart Dean of
Education and Human Development

Executive Director
Tamra Stambaugh, Ph.D.

Assistant Director of Day Programs and Professional Development
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VANDERBILT UNIVERSITY

Dear Parents and Students,

Thank you for your interest in Vanderbilt Programs for Talented Youth (PTY). At PTY, we focus on serving academically gifted students and those who work with them. Our programs and services are grounded in a large body of research documenting the need for accelerated academic programs for young students and the need for professional and family supports for gifted learners. We are passionate about serving gifted children and are thrilled that one of our roles at PTY is to support the kindergarten through sixth grade program.

We would love to see your child on campus at SAVY. Our courses are designed for highly qualified and motivated gifted students. SAVY students receive social, emotional, and intellectual benefits from being in a classroom of true academic peers. Our small classes engage students by stimulating critical thinking, problem solving, and reasoning skills. Vanderbilt scholars and esteemed teachers, experienced in leading gifted learners, teach SAVY's hands-on, accelerated courses. Our instructors provide opportunities for students to take an in-depth look at a discipline and encourage students to practice the habits of a scholar.

At SAVY, we acknowledge the critical role families play in talent development, especially for gifted children. PTY continually strives to provide a wide spectrum of supports to gifted children and their families. SAVY parents have the opportunity to enroll in discussion groups led by licensed counselors who have experience working with families of gifted students. Discussion groups meet during SAVY class hours in the fall and spring. These groups allow parents the opportunity to examine the joys and concerns of parenting a gifted child.

We encourage you to stay connected with SAVY by visiting the PTY website, signing up for the PTY newsletter, and following us on Facebook and Twitter. Should you have any questions, please call or email us.

We hope you will join us on the Vanderbilt campus this summer!

Sincerely,

Sarah DeLisle

Sarah DeLisle, M.Ed.
Assistant Director of Day Programs
and Professional Development
Vanderbilt Programs for Talented Youth

Emilie Hall

Emilie Hall, M.Ed.
SAVY Coordinator
Vanderbilt Programs for Talented Youth

PTY GOALS

01.

Nurture giftedness through accelerated, pre-collegiate talent development opportunities and programs for K–12 students.

02.

Develop parent and community awareness of the nature and nurture of gifted students through consultation, counseling, and community programs.

03.

Provide quality professional development and course work on and off campus for professionals in gifted education.

04.

Develop systemic models to promote services and to build collaborative partnerships with other organizations within and outside campus to complement the mission of PTY and Vanderbilt at large.

05.

Conduct research that contributes to the knowledge of the field of gifted education.

PTY HISTORY

In 2000, Camilla Benbow, Patricia and Rodes Hart Dean of Education and Human Development and co-director of the Study of Mathematically Precocious Youth, founded Vanderbilt Programs for Talented Youth. At that time, Programs for Talented Youth staff led an academic, accelerated program in the summer for gifted middle and high school students. The program underwent significant changes and restructuring in 2006. Since that time, our student enrollment has tripled, and we now provide year-round accelerated academic course work for gifted students in kindergarten through high school, generally led by Vanderbilt faculty and graduate students. From 2008 to the present, we have consistently increased our scope of work to include consultation, professional development opportunities for educators, course work in gifted education, and academic research related to giftedness and effective services, including students of poverty.

PTY STUDENTS

We host students from across the globe. During a typical residential program year, at least 30 different states and at least two countries other than the U.S. are represented. Day programs for our younger students enjoy representation from multiple states including Tennessee, Alabama, and Kentucky, and as far away as Texas, Michigan, California, Pennsylvania, or Florida. Approximately 20 percent of our students receive some type of need-based tuition reduction.

"In my experience, **universities can play a role in encouraging and supporting the most talented young learners.** And it is important that we do so—for their well-being and for our common future."

—Camilla Benbow, Patricia and Rodes Hart Dean of Education and Human Development

WHY SHOULD WE CONSIDER OUT-OF-SCHOOL PROGRAMS FOR THE GIFTED?

When gifted students participate in extracurricular, accelerated academic programs, such as those offered by Vanderbilt Programs for Talented Youth, they:

- Are more likely to take advanced high school courses in mathematics, especially girls
- Are more likely to seek admittance into a highly selective college after high school
- Are more likely to pursue professional careers in mathematics
- Enjoy a high level of challenge and pacing, not otherwise provided by many schools
- Gain access to university faculty and content experts earlier in their academic career, which can fuel a lifelong pursuit of a key content area
- Are more likely to take academic risks
- Develop a sense of independence

Specifically our students say that when comparing one of our programs to their school, they:

- Find our courses more enjoyable and interesting
- Have more opportunities to engage in critical thinking
- Feel more supported and understood by their instructors
- Feel more supported by their peers
- Feel normal and accepted for who they really are
- Are more challenged and not bored

Programs like ours may also curb underachievement tendencies in students who may no longer engage in school because of a lack of interest, slow pacing, or little challenge.

WHY CHOOSE VANDERBILT PROGRAMS FOR TALENTED YOUTH?

- Vanderbilt University is known as a preeminent center for collegiate education and is a tier one research institution.
- PTY was founded by Camilla Benbow, Patricia and Rodes Hart Dean of Education and Human Development and co-director of the Study of Mathematically Precocious Youth, who was the protégé of the original founder of talent searches, Dr. Julian Stanley.
- Vanderbilt Peabody College of Education and Human Development has been named one of the nation's top graduate schools of education by *U.S. News & World Report* for five years in a row.
- PTY has highly qualified, experienced, and compassionate staff who are experts in their field and understand the academic and social-emotional needs of academically gifted learners.
- The majority of instructors and consultants are nationally and internationally known and widely published in their respective fields.

A Day in the Life of a SAVY Student

SAMPLE ONE-WEEK SCHEDULE: Sessions 1, 2, 3, and 5

8:45–9:00 Arrival

9:00–11:45
SAVY Accelerated Courses
(all SAVY students)

11:45–12:45
Organized Recreational Activities

Lunch (students bring from home)

12:45–3:45
Rising 4th- to 7th-grade students continue SAVY Accelerated Course

12:45–2:15
Rising 1st- to 3rd-grade students: Enrichment Class 1

2:15–3:45
Rising 1st- to 3rd-grade students: Enrichment Class 2

3:45–4:00
Dismissal

SAVY at a Glance

WHO

Gifted students entering grades 1–7 in the fall of 2016, specifically students who test at the 95th percentile and above on a standardized achievement or ability test.

WHAT

Classes are designed for the academically talented and motivated learner. SAVY offers accelerated courses led by Vanderbilt professors, master teachers, and graduate students. Class size is limited to approximately 14 students for grades 1–3 and 16 students for grades 4–7. Summer SAVY 2016 will offer five sessions. Course offerings differ per session.

WHEN

Session 1: June 13–17, 9:00 a.m. to 3:45 p.m.

Session 2: June 20–24, 9:00 a.m. to 3:45 p.m.

Session 3: June 27–July 1, 9:00 a.m. to 3:45 p.m.

Session 4: July 11–22
Monday–Friday, 9:00 a.m. to 3:45 p.m.
(*Half-day options 9:00 a.m. to 11:45 a.m. or 12:45 p.m. to 3:45 p.m. also available)*

Session 5: July 25–29, 9:00 a.m. to 3:45 p.m.

Students may apply for multiple sessions.

Sessions 1, 2, 3, and 5 (One-Week Programs): Full Day Only
Rising 1st–3rd grade students: Students will participate in one course from the two offerings for their grade level. This course will take place in the morning. In the afternoon, students will participate in stimulating enrichment classes led by educators and Vanderbilt students. After admission to Summer SAVY, students will receive more information about their enrichment classes.

Rising 4th–7th grade students: Students will gain experience in a pre-college learning environment by participating in an academic course taught by leading educators and Vanderbilt scholars. These are full-day courses, which will provide an in-depth look into a discipline and expose students to the habits of scholars. Students will participate in their one admitted course the entire week.

Session 4 (Two-Week Program): Full or Partial Day Option
Students participate in a two-week session with a different morning and afternoon course offering. Each grade level includes a morning and afternoon course option that appeals to a variety of interests. Students will have the option to enroll in the morning-only, afternoon-only, or full-day program.

WHERE

All classes will be held on Vanderbilt University's Peabody campus.

A Day in the Life of a SAVY Student

SAMPLE TWO-WEEK SCHEDULE: Session 4

8:45–9:00 Morning Arrival
Student arrival for morning course (half- and full-day students)

9:00–11:45
SAVY Accelerated Morning Course

11:45–Noon
Student dismissal from morning course (half-day students only)

11:45–12:45
Lunch for full-day students (students bring from home)

Organized Recreational Activities

12:30 –12:45 Afternoon Arrival
Student arrival for afternoon course (half-day students only)

12:45–3:45
SAVY Accelerated Afternoon Course

3:45–4:00
Dismissal

APPLICATION LAUNCH WINDOW:

Dec. 8 at noon–Dec. 9 at noon*

*After window ends, rolling admission based on availability.

APPLICATION FEE:

$35

You may apply for multiple summer sessions with the $35 application fee.

TUITION:

Sessions 1, 2, 3, and 5:
$550 each

Session 4:
$1,000 for full-day program

$600 for morning or afternoon only

Cost per SAVY session includes all class materials. Lunch is not provided.

TUITION DEADLINE:

April 22, 2016

Eligible for full refund before April 22.

SUMMER REFUND DEADLINE:

May 6, 2016

Eligible for 50% refund before May 6.

How To Apply

There are two application options:

01. Complete the SAVY application online at *pty.vanderbilt.edu/students/savy/*. With this option, you may upload test scores and pay the $35 nonrefundable application fee using a credit card.

02. Complete the enclosed application form. Include a check, made payable to Vanderbilt University, for the $35 nonrefundable application fee. If PTY does not have your child's test scores on file, please include a copy with the application. Faxed applications will not be accepted.

ADMISSIONS PROCESS AND PLACEMENT

Our admissions process is intended to facilitate an equal opportunity for all potential participants to be placed in a course of interest.

On Tuesday, December 8, at noon CT, Programs for Talented Youth will post the application for Summer SAVY 2016 sessions on the PTY website. There will be a 24-hour application launch window, which will end Wednesday, December 9 at noon CT.

Admissions process for 24-hour launch window:

01. All applications received during the window will be reviewed at the same time.

02. The order of review of these applications will be randomized.

03. Applications of siblings will be reviewed and placed simultaneously, space permitting.

Applying during the 24-hour launch window does not guarantee admission, but it increases your child's chances. We strongly recommend applying during this window.

If course space remains after the 24-hour launch window, courses will be filled on a first-come, first-served system, based on availability and eligibility. A waitlist will be maintained for full courses.

FINANCIAL ASSISTANCE

PTY is committed to making programs available to academically gifted students regardless of a family's ability to pay the full tuition. Therefore, need-based financial aid is available based on income. The PTY application review process is need-blind and does not consider financial status. If you plan to apply for financial aid, please indicate this on your application. After indicating your intent, you will receive an email with a link to the financial aid application. You may also access the financial aid application online on the PTY website, or complete the application included in this catalog. You may apply for financial aid at any point in the application process. The financial aid application, along with a copy of your household's most recent tax return, may be submitted via fax, mail, or email. Your student may be offered admission before receiving a financial aid quote. You are not obligated to officially enroll your student until you receive a financial aid award. When your financial aid quote is received, you may accept or decline the amount and placement in a course. Partial tuition scholarships and payment plans are available.

ELIGIBILITY

Students who test at the 95th percentile and above on a standardized achievement or ability test are eligible to participate in SAVY courses in their area of strength(s). We accept any standardized achievement or ability test including, but not limited to, the following: RIAS, CogAT, TCAP, ERB, Stanford Achievement Test, OLSAT, Woodcock Johnson, WISC IV. Out-of-level standardized assessments (e.g. Explore, SCAT) are also accepted. While scores around the 95th percentile are typically a strong indication that SAVY is an appropriate curriculum match for a student, feel free to contact the SAVY office for questions about scores that do not meet these criteria. Returning SAVY students do not need to resubmit test scores unless their scores are more than three years old. Students without test scores should work with their schools to obtain documentation of their assessments.

ADMISSIONS NOTIFICATION

SAVY families will be notified of admissions decisions via email within two weeks of receiving the application. If everything is complete, you will receive communication about placement. If materials are missing, PTY will notify you within 10 business days. You will have five business days after notification to provide the necessary materials or your spot will be given away. For families who have applied for financial aid, financial aid information may be included in the admissions notice if financial aid materials have already been submitted. The admissions notice will include the tuition statement. **Summer tuition is due April 22, 2016.**

CANCELLATION POLICY

Cancellations made before the tuition due date (April 22) will be eligible for a 100% tuition refund. Cancellations made after the tuition due date and before the refund deadline (May 6) will be eligible for a 50% refund. After the refund deadline, no tuition refunds will be awarded.

QUESTIONS

Contact Admissions Coordinator, Laura McLean, at (615) 322-8261 or laura.mclean@vanderbilt.edu, if you have questions about the admissions process, financial aid, setting up a payment plan, or assessement.

ABOUT SAVY COURSES

SAVY classes are designed to provide in-depth study on interesting topics, and to teach students higher-order thinking skills, and to encourage development of conceptual frameworks for understanding new knowledge. Much of our curriculum has been designed by Vanderbilt faculty and graduate students, the Center for Gifted Education at the College of William and Mary, and the University of Connecticut. Many of these units have won Outstanding Curriculum Awards from the National Association for Gifted Children and have been well-researched and shown to be effective with this unique population of learners.

SESSION 1: June 13–17 Course Descriptions

RISING FIRST GRADE

PLAYING WITH WORDS

Are you a teller of stories and jokes? Do you coin new phrases? Are you a fan of riddles and rhymes? If so, then you, my friend, like to play with words! In this class you'll see how authors use words and phrases to capture their readers through laughter and complex thought. Learn to recognize special literary devices such as similes, metaphors, symbols, and personification, all tools that writers use to better communicate their ideas. You, too, can experiment with figurative language and wordplay, the very same tools that writers have used for centuries! A picture may be worth a thousand words, but a thousand words can paint a pretty awesome picture.

THE UNSEEN WORLD OF MICROORGANISMS

Why do people get sick? Why does medicine make you feel better? Is there such a thing as good bacteria? In this hands-on and minds-on science course, you will learn the answers to these questions and many others as you investigate the fascinating world of microbiology. Microorganisms come in many shapes and sizes and include bacteria, viruses, fungi, protists, and more! You might not be able to see them, but by the end of this course, you will know where to find microorganisms, what your cells look like, and how microorganisms impact your life. Come ready to take on the role of a scientist as you investigate microbiology by conducting experiments and participating in lab work alongside a real microbiologist!

RISING SECOND AND THIRD GRADES

ECOLOGICAL EXPLORERS

Have you ever wondered what makes the best habitat for a crayfish? Or why one plant thrives in a particular location but can't take root in another? If so, come be part of a team of ecological explorers as we uncover the secrets behind living organisms and their environments! In this class, you'll gather and analyze data from hands-on experiments and field observations around Vanderbilt's campus to determine how all the different parts of an ecosystem work together. You'll look at the world in a whole new way after this in-depth investigation of how plants, animals, and humans interact with each other and the environment around them!

THE POWER OF POETRY

Roses are red. Violets are blue. If you like poetry, then this class is for you! Inspiration for poetry is all around us. You can use any space or setting as inspiration for creating poetic works. In this class you will learn how poets use their surroundings and experiences in their writing. Learning elements of the craft of poetry, including line, image, and metaphor, you will create your own poems by using everyday places and experiences as a backdrop for ideas. We will also closely examine the various forms that poetry can take, using examples from both historical and current day poetry collections. As you read and critique a variety of poems from famous poets, you will explore the impact that poetry can have on your emotions and thoughts, and you will begin to develop your own powerful poetic voice.

NOTE TO PARENTS:

SAVY courses are accelerated and specifically designed for academically gifted students. The best way to help your child select appropriate courses is to consider your student's areas of strength and interest. If your child is interested in taking more than one course, please rank them in order of his or her preference. Ranking courses increases your child's chance of admission to the SAVY program. But remember: your child could be placed in any class that you rank. Classes fill very quickly, so we often have to place students in lower-ranked classes. Thus, only rank classes your child is willing to take.

"He doesn't usually talk to me about school, but now he can't stop talking about what he's learning in SAVY!"

RISING FOURTH AND FIFTH GRADES

"I loved everything about SAVY! It has been the most fun learning experience in my life."

SCIENCE SIMULATIONS: COMPUTER MODELS OF CHANGE

Modeling systems of change is a key scientific activity in many fields of study. However, in order to really see what is taking place during some scientific phenomena, scientists must develop diverse and creative ways to investigate real world motion events and illustrate the important details of these events through simulation. In this class, we will use computer modeling tools to make models of motion phenomena that are too fast, slow, big, or tiny to measure in our everyday experience, and we will engineer new ways to see and measure patterns of change related to these phenomena. This course will allow you the opportunity to explore how computer modeling and science interact and how programming is used to create computer simulations in real-life scientific research!

PUZZLES AND PROBLEM SOLVING

How does a group of logical pirates agree to distribute their loot? If a car changes its speed according to its distance from its final destination, how long does it take the car to reach its goal? You will learn to answer these questions and many more in this course as you learn the principles of probability, logic, and game theory. In this hands-on math class, you will explore problem-solving methods by wrapping your mind around counterintuitive solutions and teasing your brain with apparent contradictions. As the class develops, you may even begin to pose your own questions for the class to solve. Get ready to get stumped and stump others in a class that is sure to make you think critically and strategize with precision.

RISING SIXTH AND SEVENTH GRADES

SOCIAL PSYCHOLOGY 101

From speaking Spanish to cooking your dad's signature spaghetti sauce, much of learning involves human interaction. Human beings are savvy socializers and learners long before reaching adulthood, adjusting how closely they follow the instructions of others or imitate their behavior depending on the situation. But it's a fine line to walk—imitate your Spanish teacher too loosely and you're unintelligible, but follow your dad's recipe too closely and you'll never invent your own signature dish. How do people decide when, what, and who to learn from? When does social learning lead to cooperation and consensus, and when does it lead to conformity or negative peer pressure? In this course, we will explore and analyze the psychology of social learning from infancy to adulthood, discovering instances when following the leader can be useful or problematic—and sometimes both!

IN THE MIND'S EYE: TRUTH VS. PERCEPTION

What is reality? Just because we perceive something to be real, does it actually exist? How do we know if something is real or just a figment of our own beliefs and imagination? In this course, you will discover how reality is presented and interpreted in fiction, nonfiction, art, and media by studying famous works by Plato, Shirley Jackson, M.C. Escher, and Vincent Van Gogh. By engaging in reflective activities such as Socratic seminars, literary analysis techniques, skits, art, and creative writing, we will begin to apply our understanding of the difference between truth and our own perception of it. We will conclude with a critical evaluation of how modern media presents reality to us, and how we can train ourselves to be smart consumers of media. Test yourself—are you perceiving the world for what it is, or are you seeing only the shadows of reality?

"SAVY courses are geared perfectly towards the age group. It really hits on what kids are into, so that they are learning almost without realizing it."

BEHAVIORAL SCIENCE IN ACTION: USING PSYCHOLOGY AND STATISTICS TO SOLVE REAL WORLD PROBLEMS

How can numbers be used to describe observable phenomena? What do you need to consider when creating a scientific hypothesis that you can test? How can you use psychology to investigate real life questions? In this class, you will examine these issues and many more as you take on the role of a research psychologist. Psychology researchers use numbers and theories to draw conclusions and answer important questions. By exploring different methods for data collection, learning how to utilize statistical software to extract meaning from data, and uncovering how scientists make educated guesses based on theory and numbers, you will learn important tools used in psychology research. After exploring psychology research methods and seeing researchers in action in Vanderbilt labs, you will develop and test your own scientific hypothesis, collect and analyze your own data, and present your findings. Experience psychology in action as you use data to make scientific discoveries!

"At SAVY I learned that thinking and problem solving can be interesting as well as challenging in a great way."

SESSION 2: June 20–24 Course Descriptions

RISING FIRST GRADE

PLAYING WITH WORDS

Are you a teller of stories and jokes? Do you coin new phrases? Are you a fan of riddles and rhymes? If so, then you, my friend, like to play with words! In this class you'll see how authors use words and phrases to capture their readers through laughter and complex thought. Learn to recognize special literary devices such as similes, metaphors, symbols, and personification, all tools that writers use to better communicate their ideas. You, too, can experiment with figurative language and wordplay, the very same tools that writers have used for centuries! A picture may be worth a thousand words, but a thousand words can paint a pretty awesome picture.

ENTOMOLOGY: THE SCIENCE OF BUGS

Are bugs just here to *bug* us, or do they have some other important purpose? How do scientists study these jumpy, crawly critters? What can insects tell us about the state of the environment around us? Together we'll tackle these questions and more in our study of entomology. In this course, you will examine important characteristics of different insects and learn how to classify them based on their distinct parts. We will learn about how bugs are important friends to plants, animals, and humans, and discuss how choices that humans make can have positive or negative impacts on the life of insects, especially bees. You're guaranteed to leave this class with a greater understanding of how important insects are to our planet, even if you think they're a little bit creepy!

"Our son comes home from SAVY wanting to learn more, know more, and experience more. Who could ask for more than that?"

"SAVY is awesome! I loved finding out about my DNA and where my ancestors were from."

RISING SECOND AND THIRD GRADES

IT'S ELEMENTAL

From the floating ice in your water bottle to the colorful fireworks in the sky, chemistry is all around us! In this class you will begin to recognize chemistry in your everyday life as we dive head first into studying the elements that create all matter. We will explore the periodic table, how elements react with each other, and how each molecule has unique characteristics that allow scientists to identify it. Through hands-on experiments, demonstrations, and activities, we will investigate the physical properties of elements, and we will consider how observations of molecules have led to amazing technology. At the end of the course you will be able to use your power of observation and problem-solving skills to see the world through the perceptive eyes of a chemist.

SCRIPTING STORIES

All movies and plays begin as words on a page. It is up to the screenwriter to craft a script that is meaningful enough to be interpreted by actors. It is up to the actors to interpret the words in the script and use action and tone to convey themes and emotions to an audience. Crafting a play or screenplay from a story or novel takes thoughtful consideration of the narration and action used to convey the meaning. What elements of a story need to be kept or added to enhance the story as a theatrical presentation? How does an author alter the setting, characters, or dialogue when preparing to change a story into a play? How do actors convey meaning through their physical actions? In this course, you will closely examine the language and processes involved in bringing written tales to life as plays or movies. Action! Take on the role of a scriptwriter or playwright to learn how to turn your favorite stories into entertaining productions.

RISING FOURTH AND FIFTH GRADES

GENETICS

Have you ever wondered why you look or act like you do? Have you asked yourself why you have blue eyes when your mom and dad have brown eyes, why you are left-handed, or why all of your siblings have red hair? If so, then you are already thinking about genetics. These questions and more will be addressed in this course, which introduces you to the cells in your body and how a special molecule called DNA plays a role in making you! You will learn the basics of Mendelian genetics, explore the double helix, investigate natural selection, and begin to understand how scientists use genetics to study human disease. Understanding genetics will allow you to better understand yourself and others. By the end of the course you will be able use the "rules" of genetics to design your own creature and use your knowledge of DNA to become a forensic scientist and solve a crime!

LOOKING INTO LANGUAGE

English, French, German, Spanish, Chinese—we may speak different languages, but we all use some form of language to communicate complex ideas and share our stories with others. We often try to learn different languages, but we rarely learn about the complex characteristics of spoken words. Why do scientists study human language? How do language and culture influence each other? In this class, we will learn the essential concepts of linguistics, including phonology, morphology, syntax, semantics, and proxemics. We will consider the importance of dialect and how people can speak the same language in unique ways. We will also investigate the intersections of language, culture, and social relationships to help us understand how relatively small variations in how people speak are connected to larger issues in society. After this class you will never think about language and how we talk in the same way!

"We love that SAVY fosters our child's love of learning and desire to dig deeper in search of answers to his questions and interests."

RISING SIXTH AND SEVENTH GRADES

"AT SAVY, I got to be with people who think like me."

PAGE TO SCREEN

Have you ever loved a book and anxiously waited for the movie to be created only to be disappointed when you finally watched the film? So often the book and the movie don't match. Something feels off—the actors, the setting, the events. It's a challenge to translate the characters and events on a page into actors and events on the screen, especially given the infinite number of ways those characters and events can be interpreted. In this course you will take on the role of a literary and film critic as you read story excerpts and analyze how they have been adapted to film. By studying multiple adaptations of the same story, we will think critically about filmmakers' artistic choices when approaching a story. What elements separate a good adaptation from a terrible one? Why do some films do justice to the original work and others don't? This class will appeal to anyone who loves reading good books and watching good movies.

THE ART OF FICTION

What makes a story interesting and engaging? What techniques do writers use so that readers feel like they are inside the mind of someone who may be very different from themselves? How do authors create characters that may make poor decisions, but that readers still care about? In this course, you will examine stories in order to better understand the craft of writing fiction, including the importance of point-of-view, pacing, description, and narrative arc. You will develop and revise stories of your own, which we will read and discuss together in class, and use your newly learned skills to create complex characters. We will also examine creative visual art to explore the ways that this can inspire our writing. Ultimately, we will explore the impulses that lead each of you to write in the first place, while considering the ways writing fiction might deepen our understanding of our own lives and the communities around us.

ENGINEERING POLICY AND URBAN DESIGN

Humans all across the globe share in the use of Earth's natural resources. But who really owns these precious materials? Who should be responsible for maintaining them? We will tackle these questions and more as we investigate the issues of urban development and resource sharing in this interdisciplinary course. Together, we will examine the intersection of engineering, public policy, and environmental science. We will discuss urban development, the impact it can have on natural resources like water, and we will investigate the most common sources of pollution. We will study the characteristics of healthy watersheds and read about policy solutions that help protect our environment and most widely used resources from the damaging effects of rapid population growth. Using an example from our own community, we will then take on the role of different stakeholders, such as farmers, government officials and community leaders, to investigate problems created by urban development. Through collaboration, problem solving, and research, we will develop and argue our own creative solutions to this growing global issue.

"SAVY has access to so many amazing departments at Vanderbilt. My child was able to see DNA labs and robots. It inspired him to keep working hard at home."

SESSION 3: June 27–July 1 Course Descriptions

"The best parts of SAVY were making friends and challenging my brain."

RISING FIRST GRADE

WHAT'S THE MATTER?

Strange things are happening: a mysterious, unidentified substance has been found, the principal's water is disappearing, and even more mysteries abound. Never fear, you are on the case! In this course, you will become a detective and use science to solve mysteries. After learning about the investigative processes of a scientist, you will gather your own information about solids, liquids, and gases by making scientific predictions, designing and conducting experiments, carefully recording your observations, and collecting data. You will then use the information and discoveries you uncover to solve some very puzzling matter mysteries.

DIVE INTO DESIGN

What did it take to create your favorite swimming pool? Did you know that architects and engineers used principles of mathematics and measurement to ensure that your favorite swimming pool is a fun and safe place? In this course, you will learn about engineering design processes, including how measurement and modeling are used when creating structures such as swimming pools. Why do we measure? What goes into taking accurate measurements? Why is accuracy so important? What should you consider when choosing a measurement tool? You will answer these questions and more as you create a model for a community pool! Get ready to dive into a problem-based task that requires critical thinking, problem solving, creativity, and lots of fun with measurement.

RISING SECOND AND THIRD GRADES

BRAIN BLAST

Come and learn about the organ with the most personality: the brain! This course is all about exploring what scientists know about the amazing brain. Learn how your foot communicates with your head and how to protect your brain from damage. Create your own neuron, one of the brain's cells, and model how fast these cells talk to one another through chemistry. Gain an understanding of how a single cell works as a team so you can move and think. Through hands-on inquiry labs, students will use their problem-solving skills and creativity to make hypotheses, observe, and investigate. Get ready for a brain blast as you learn new information from a neuroscientist!

MODELING MOTION

Ready, set, go! In this course we will examine the mathematics and engineering that underlie studies of motion and design our own investigations. Using video, machines, and basic principles of physics, we will investigate and make hypotheses about the science behind motion. But we won't stop there! We will also engineer the materials required to see, hear, and digitize motion in order to measure changes in speed, including acceleration due to gravity. After learning some computer programming and coding skills, we will apply these skills to create models and graphics of objects in motion. Your mind will be working full speed as we study and design creative ways to observe motion!

"There is nothing better than being in an environment that makes you feel smart while challenging you."

RISING FOURTH AND FIFTH GRADES

POETRY IN PRACTICE

Emily Dickinson, Robert Frost, Langston Hughes, and e e cummings. Profound poets such as these have the ability to create written pieces that transcend time. Powerful poems can impact your emotions and thoughts, and remain etched in your mind for days, months, and even years. But what characteristics make a poem memorable? How do we tell a meaningful story using so few words? In this course, we will closely examine how famous poets create compelling poetry, and we will discover how to apply similar skills and ideas in our own work. By using examples from both historical and current day collections, we will examine the different forms that poetry can take and discuss the elements of craft employed in preparing influential poetic creations. After exploring the work of famous poets, we will write our own unique pieces to share. Start to develop your own powerful poetic voice with this in-depth look into the complex world of poetry in practice.

"I love SAVY, because I can speak freely without fear of others laughing at me."

CHEMICAL SPILL!

What would you do if a truck carrying an unidentified liquid crashed on a busy highway and began to leak its liquid into a nearby creek? How would you isolate the spill? What experiments would you need to conduct to determine whether or not the liquid is dangerous? How do you keep people and animals in the surrounding environment safe? Through a series of role-play examples, scientific experimentation, and the study of complex systems, you will learn about acid and base chemistry as you solve key problems related to a chemical spill. We will examine the damaging effects that such an event can have on the ecosystem, economy, and human transportation, and we will brainstorm solutions to a culturally relevant and potentially hazardous event.

RISING SIXTH AND SEVENTH GRADES

LINGUISTICS IN YOUR LIFE

Linguistics allows us to communicate complex ideas through systems of symbols. The way we each use language can seem to say a lot about who we are (even when not all of it is true)! Relatively small variations in how people speak are connected to larger issues in society like power, class, and education. In this course, we will learn the basic concepts of linguistics, including phonology, morphology, syntax, semantics, and proxemics, and practice transcribing speech using the International Phonetic Alphabet (IPA). We will then learn how to recognize dialectical differences among people from various regions in the U.S. We will also explore the intersections between language, culture, and social relations to help us understand how language gives people identity but can also perpetuate stereotypes. After this class you will be able to think more critically about language and the unique ways that people use it.

FISSION AND FUSION: NUCLEAR ENGINEERING 101

How do particles that are invisible to the naked eye help turn on our lights and power our Navy submarines? How do radioactive materials aid doctors in detecting and curing illness? How do engineers use science to minimize exposure to radioactive materials? We will answer these questions and more in our exploration of the science, mathematics, and application of nuclear engineering. To understand nuclear power, we will start with a study of basic physics concepts and learn how to calculate the probability of sustaining a chain reactor. We will then design our own safety shields and build a mock nuclear reactor using the principles we've learned. We will also investigate how nuclear science impacts our daily lives and visit a research laboratory that uses high-tech equipment to design materials that can safely store nuclear waste.

"It's incredible to see the sparkle in my daughter's eyes after SAVY and the joy with which she reflects on all the new vocabulary and concepts she has learned."

FANTASIES OF CHANGE

Can people really come together and change the world, or is that dream just imaginative fiction? This course enables students to formulate their own answer to this pressing question! Sometimes seeing the world from a different angle broadens our vision and deepens our understanding, so we will explore protests, community organizing, and social movements by finding them in mythical, fantasy, and science fiction literature and film. After honing an understanding of collective action through fictional renditions, we will turn to historic case studies of protest, organizing, and movement-building to explore how visions might be enacted or just remain a fantasy. A passive desire to change the world is never enough—organizing a movement takes imagination and work! How might your school, community, city, or world change for the better? During this class you will have the chance to apply your newfound understanding of social change to create and organize your own movement. If you've ever been curious about the ability of social movements to change the world, or wondered if you have that potential, then this is the course for you! Come ready to make your fantasy of change a reality.

"There were numerous hands-on activities and experiences that were included in the course that helped me learn even more."

SESSION 4: July 11–22 Course Descriptions

When enrolling in Session 4, students may choose to enroll in the morning course, the afternoon course, or both. Students who attend both the morning and afternoon sessions should pack a lunch.

RISING FIRST GRADE

AM: BUDDING BOTANIST

You've just discovered a professor's old journal. His notes are very intriguing, as they suggest that plants can possibly be used as an alternative fuel source. Could he be right? Get your lab coat ready as we investigate this curious case! In this course, you will be taking on the role of a botanist to investigate this professor's idea. Before determining if plants can be used a fuel source, you will first learn as much as you can about the life cycle and structure of plants by conducting experiments and field investigations. Come ready to get dirty as you unearth knowledge about plants!

PM: STORY CREATIONS

Have you ever read a great story and wondered how the author created such a masterpiece? What makes a great story so powerful? How do illustrations add to the power of a story? We will explore these questions and more as you take on the role of storyteller. In this session, you will explore the writing process and learn engaging, interactive, and dynamic strategies that help you focus on the story you are creating. Whether you are composing a story about a personal experience or a tale to persuade an audience, you will learn the tricks and behaviors of great writers. By the end of the class, you will have a great start to a portfolio of literary work!

"My child came home exclaiming how wonderful it was and how he was treated like an adult."

RISING SECOND AND THIRD GRADES

"There were so many people I could relate to at SAVY."

AM: FROM BLUEPRINT TO BUSINESS: MATH BEHIND ENTREPRENEURSHIP

Calling all entrepreneurs! A great business starts with a great idea, but to ensure that your idea is successful, you also need a great business plan. How do you begin designing a strong plan? You start with math! In this class, you will learn about the important mathematical concepts behind business design. We will learn how to conduct market research so that you can target your advertising based on your findings. We will investigate how profit margins, pricing strategies, interest rates, and cost analysis impact businesses. We will even study successful businesses to use as models for our own. Do you have a special talent or skill that could be turned into a business? Come ready to work with a group of SAVY classmates and turn your business blueprint into a reality when customers visit the SAVY Mall!

PM: THE SCIENCE OF COMPLEXITY

What do ants, the brain, and the Internet have in common? They are all complex systems! Complex systems researchers seek to explain how large numbers of simple elements organize themselves to achieve results that are greater than the sum of their parts. Systems like ant colonies, flocks of birds, and the worldwide web are particularly puzzling because there is no leader that organizes the elements within the system—somehow, they just work! In this course, you will learn how to define and measure the complexity of a system, explore current topics in complex systems research, and use computer programming to model and mathematize systems. After this course, you will be able to identify the complex systems that are all around you and how to model many of them through computer programming!

RISING FOURTH AND FIFTH GRADES

AM: MEMORY AND THE BRAIN

Why do we have so few memories from the first few years of our lives? Why can we remember some things, like the delicious cake at our last birthday party, but not other things, like the name of someone we just met? Despite the large amount of knowledge we have about memories, there are still many unanswered questions. In this course, we will examine the cognitive and neural foundations of memory, how these processes change across our lifespans, and the methods that cognitive neuroscientists use to measure memory, including functional magnetic resonance imaging and electrophysiology. As we take on the role of neuroscientists, we will read and discuss research articles and famous neurological cases, as well as conduct our own experiments and collect data. This is one class you won't forget!

PM: FACT AND FICTION: THE NEW WORLD

What really happened in 1492? Were the Spaniards the first Europeans to travel to the Americas? What about the people who already lived here? In this course you will examine the role of Native American inhabitants and Spanish conquistadors in shaping the New World and some of the commonly believed myths about this early European-American contact. You will read accounts of soldiers, priests, and indigenous peoples to learn about the economic, social, and political systems at play in the New World. You will also use historical and modern maps to test your geographic skill and maybe plan a journey of your own. As you read Columbus's diary, Aztec poetry, and Hernando de Soto's account of his travels across modern-day Tennessee, you'll grow to understand why Spaniards came to America, what they did here, and how the Native Americans reacted.

"SAVY opened her eyes to new worlds. It has rejuvenated my daughter's love of learning and stimulated her interest."

RISING SIXTH AND SEVENTH GRADES

AM: NEUROSCIENCE OF THE SENSES

Your ability to sense the outside world—feel the cold weather, taste spicy peppers, hear loud music—involves your body sending information to your brain by means of electrical signals. Take a journey through sensory neurobiology to understand how the nervous system generates these signals and how the brain assembles them into a representation of the world! We will experience and closely examine optical illusions, learn how bats echolocate, and figure out why the delicious flavors of pizza have more to do with smell than taste. We will also compare and contrast human sensory systems with those of other animals and discuss how sensory systems are affected by age and disease. As a neuroscientist in training, you will explore the senses through hands-on experiments and see first-hand how scientific investigators engage in this field of research.

"Each day at SAVY my brain was challenged."

PM: CAPTURING PERSPECTIVE: THE ART OF DOCUMENTARY THEATER

Documentary theater is the art of combining primary source material, personal interviews, and stage performance to breathe life into the pressing and complex issues of our time. Through storytelling and historical context, intricate theoretical concepts, such as social justice, friendship, and power, are made human and accessible. In this course, we will combine research, critical analysis, playwriting, and journalistic integrity to construct an original theatrical work. Informal interviews and historical archives will provide rich material. You will learn how to cut and juxtapose the texts of these interviews and living documents into a meaningful work. You will learn to think critically about perspective, subjectivity, and thematic content to create a piece that not only makes you think but also leaves your audience asking deep questions long after the curtain falls.

SESSION 5: July 25–29 Course Descriptions

RISING FIRST GRADE

AGRICULTURAL ENGINEERING

We have a problem. A once beautiful plant that grew delicious berries is not looking so great. And even more troubling, the plant has stopped producing berries! In this course you will become agricultural engineers to determine what has happened to this beautiful plant, and you will use the engineering design process to create a solution to make the plant healthy again. As you investigate, you will learn about integrated pest management (IPM), butterfly metamorphosis, hand pollination, and much more. This course will forever change how you think about plants, insects, and what it means to be an agricultural engineer!

BEYOND THE PYRAMIDS: EGYPTIAN EXPLORATIONS

Did you know that the Ancient Egyptian civilization lasted over 3,000 years? When we think of Ancient Egypt we often think about pyramids, mummies, and hieroglyphics, but Ancient Egypt has even more to offer. In this course you will take on the role of an anthropologist to investigate how the Egyptians' systems of language, leadership, economics, architecture, and geography created a strong civilization that lasted for thousands of years. Don't worry—we will talk about mummies and pyramids too. Plus, you'll even get to try your hand at writing Egyptian hieroglyphics!

"The instructors had my children motivated and excited to attend the next day."

RISING SECOND AND THIRD GRADES

MARVELOUS MOLECULES

Ladies and gentlemen, let us introduce you to the exciting world of atoms, molecules, bonds, and chemistry! This course will mix it up by teaching you how elements combine in amazing ways to make new substances through chemical reactions. You will learn the structure of the atom, how to know if a chemical reaction has happened, proper chemical and lab safety, the periodic table of elements, and chemical energy conversions. Through safe hands-on inquiry labs, you will use problem solving skills and creativity to make hypotheses, observe, and investigate the exhilarating, and sometimes unstable, world of chemistry.

SECRETS OF THE MOLI STONE

A stone tablet has just been unearthed. What an exciting discovery! The tablet is covered with unusual symbols and interesting mathematical markings. What do these symbols and markings mean? In this class you will take on the role of a mathematician so that you can unravel the secrets of the Moli Stone. You will begin with an exploration of our number system and then delve into other number systems as you learn about place value and base systems. No stone will be left unturned in this mysterious mathematical adventure.

"My classmates gave many opinions to think about, and everyone was welcoming to different thoughts and ideas."

RISING FOURTH AND FIFTH GRADES

HYDROLOGY: WORLD OF WATER

Water is everywhere! Did you know that approximately 71% of the Earth is covered in water? But, where does fresh water come from? How do we make sure that we don't run out of this precious resource and provide water that is safe for people? The study of hydrology involves investigating water-related questions. In this course we will take on the role of hydrologists to explore topics like the hydrologic cycle, water conservation, and rising sea levels. Using field techniques, we will identify important characteristics of streams, explore the physical processes controlling water and landscape interactions, and learn how to analyze water quality. We will integrate environmental science and policy to discuss global water issues and water management. You may even have a chance to use your knowledge of water to model healthy watersheds and construct your very own water treatment plant!

CULINARY CHEMISTRY

Why do apple slices turn brown when we leave them on our plate too long? What compounds make our food taste sour or salty? In this course, we will learn how science contributes to something we do every day—eat! We will investigate the chemical structures of food components such as carbohydrates, lipids, and vitamins, and learn how these structures make foods look and taste different. We will then analyze the content of these components in a variety of foods and use experiments to uncover why some snacks are better for our body than others. Using scientific modeling kits, we will examine how chemical structures in food change under certain conditions, as well as the role enzymes and microorganisms play in some everyday food processes. Learn how science and food intertwine in the world of culinary chemistry.

Note to Parents: Heating mechanisms, such as hot plates, will be used in this course.

"My child walks away with a **huge sense of confidence** to continue trying new things."

RISING SIXTH AND SEVENTH GRADES

"Academics at SAVY are enhanced beyond grade level, taught in a small environment by teachers who truly love to work with gifted children."

MORE DATA, MORE PROBLEMS: TACKLING GENETIC EPIDEMIOLOGY

The government has recently announced the Precision Medicine Initiative that involves obtaining genetic data for one million people in order to help determine the role of genetics in disease. This project will involve A LOT of genetic data, over one trillion genetic variants! How can we even begin to process all that data and figure out how it relates to health and disease? In this course, you will learn how to tackle big data. You will learn how to use statistical tests to look at the relationships between genetic variants and health outcomes, and how to use computer programming to run statistical scripts in order to analyze your big data. We will learn the concepts behind the statistical tests we are using as well as the genetic variants that we are analyzing. We then will use a variety of computer software and programming skills to analyze a genetic data set and tackle big questions in genetics!

A WALK UNDER THE STARS: ASTRONOMY AND ASTROPHYSICS

The history of the universe is written in the sky! In this course you will learn how to identify and characterize different types of celestial objects, how the study of light is essential to astronomy, and more. Astronomers recognize that there are a lot of things that we don't know about the universe (yet). Astrophysicists use computer modeling and advanced mathematics to answer their research questions, and in this course, you'll learn the basics of the process. You'll learn firsthand about how computer modeling can be applied to astronomy by investigating the laws of physics on Earth and seeing if your observations match what computer models predict. This course will help you answer questions as wide and diverse as the universe itself.

Tamra Stambaugh, Ph.D.
Research Assistant Professor of Special Education
Executive Director, Programs for Talented Youth

"I welcome your young scholar to campus, and I trust that the opportunities for interaction with like academic peers and work with leading content experts will be **an unforgettable and life-changing event** for your gifted student."

Vanderbilt Programs for Talented Youth aims to serve and support gifted children through all phases of their development.

For Students Currently in Grades K–6

SAVY—Saturday Academy at Vanderbilt for the Young
These accelerated weekend courses meet for six consecutive Saturday mornings in the fall and spring semesters.

For Students Who Will Be Entering Grades 1-7

SAVY—Summer Academy at Vanderbilt for the Young
Summer accelerated courses are weekday courses that meet for one- or two-week sessions during summer.

For Students Currently in Grades 7–10

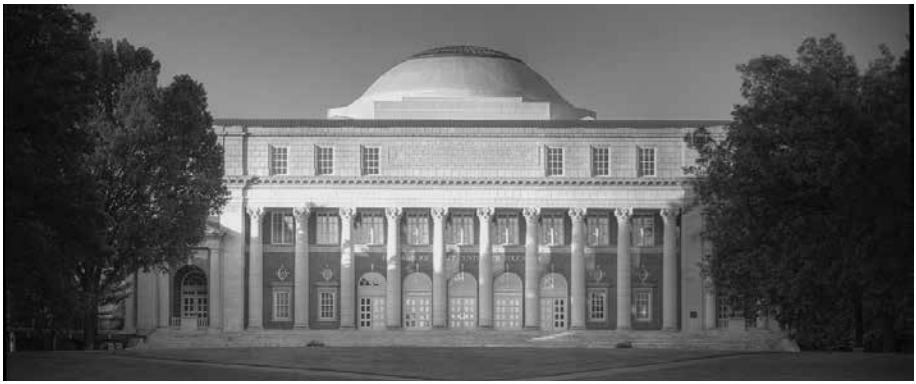
WAVU—Weekend Academy at Vanderbilt University
This fast-paced, residential program lasts one weekend and is taught by Vanderbilt faculty. WAVU is offered in fall and spring semesters.

For Students Who Will Be Entering Grades 8–12

VSA—Vanderbilt Summer Academy
This residential program offers a full catalog of topics taught by Vanderbilt faculty and a roster of social and cultural activities.

For Educators and Parents

GEI—Vanderbilt's Gifted Education Institute
GEI offers professional development opportunities to educators of high-ability learners throughout the school year and summer. Access summer workshops and courses on our website: *pty.vanderbilt.edu/educators/gifted-education-institute/*. Parent workshops are also available throughout the school year in conjunction with student programming.



Vanderbilt University
Programs for Talented Youth

Phone: (615) 322-8261
Fax: (615) 322-3457
Email: pty.peabody@vanderbilt.edu
Web: pty.vanderbilt.edu

If you would like to be notified as additional course offerings become available, please send us your name, address, email address, and phone number.

VANDERBILT UNIVERSITY

VANDERBILT
PROGRAMS FOR
TALENTED YOUTH

PMB 0506
230 Appleton Place
Nashville, TN 37203-5721

SAVY

FINANCIAL AID APPLICATION

Please type or print.

Use this form to apply for financial aid. Your financial aid application must include most recent tax forms (W-2 and 1040) for all wage-earners in the family. We will use this information to determine your eligibility for financial aid and the amount of the award. All awards are for ***partial*** *tuition. Balance due information will be included with award notification.*

APPLICANT INFORMATION

Applicant's name _____

Last *First* *Middle*

Mailing address _____

Number and street, box, or route

_____

City *State* *Zip*

Home telephone ( ) _____

FAMILY INFORMATION

Mother/Guardian's name **Occupation/Employer** _____

Father/Guardian's name **Occupation/Employer** _____

Parents'/Guardian's present marital status ❑ married ❑ divorced ❑ separated ❑ single ❑ widowed

Applicant lives with ❑ both parents ❑ mother ❑ father ❑ guardian

How many people are in your household? _____ **How many people in your household are dependents?** _____

INCOME INFORMATION

(from most recent tax return)

Parents'/Guardian adjusted gross income	$
Wages/Salaries of mother/guardian	$
Wages/Salaries of father/guardian	$

Additional information that may be helpful in making financial aid decisions (optional):

I certify that all statements, information, and attachments submitted with this form are truthful, accurate, and complete.

Signature of parent or legal guardian _____ *Date* _____

Vanderbilt Programs for Talented Youth | PMB 0506 • 230 Appleton Place • Nashville, TN 37203-5721 • (615) 322-8261 • *pty.vanderbilt.edu*

VANDERBILT UNIVERSITY

Summer Academy at Vanderbilt for the Young

SESSION 1: JUNE 13–17 **SESSION 2:** JUNE 20–24 **SESSION 3:** JUNE 27–JULY 1

SESSION 4: JULY 11–22 **SESSION 5:** JULY 25–29

Student's name _____
Last *First* *Preferred*

Date of birth (month/day/year) _____/_____/_____ **Student's current grade (2015–2016 school year)**_____ **Gender** ❑ Male ❑ Female

Race/Ethnicity *(optional)* ❑ African American/Black ❑ Asian/Pacific Islander ❑ Caucasian/White ❑ Hispanic ❑ Native American ❑ Multiracial ❑ Other

Home address _____
Number and street, box, or route *City, State, Zip*

Home telephone ( ) _____

Will you be applying for financial aid? ❑ yes ❑ no

COURSE SELECTION

For Sessions 1, 2, 3, and 5, please rank courses, within your child's grade level and applicable session, in order of preference.

SESSION 1: June 13–17

Rising 1st

____ *Playing with Words*

____ *The Unseen World of Microorganisms*

Rising 2nd/3rd

____ *Ecological Explorers*

____ *The Power of Poetry*

Rising 4th/5th

____ *Science Simulations*

____ *Puzzles & Problem Solving*

Rising 6th/7th

____ *Social Psychology 101*

____ *Truth vs. Perception*

____ *Behavioral Science in Action*

SESSION 2: June 20–24

Rising 1st

____ *Playing with Words*

____ *Entomology*

Rising 2nd/3rd

____ *It's Elemental*

____ *Scripting Stories*

Rising 4th/5th

____ *Genetics*

____ *Looking into Language*

Rising 6th/7th

____ *Page to Screen*

____ *The Art of Fiction*

____ *Engineering & Urban Design*

SESSION 3: June 27–July 1

Rising 1st

____ *What's the Matter?*

____ *Dive into Design*

Rising 2nd/3rd

____ *Brain Blast*

____ *Modeling Motion*

Rising 4th/5th

____ *Poetry in Practice*

____ *Chemical Spill!*

Rising 6th/7th

____ *Linguistics in Your Life*

____ *Fission and Fusion*

____ *Fantasies of Change*

SESSION 5: July 25–29

Rising 1st

____ *Agricultural Engineering*

____ *Beyond the Pyramids*

Rising 2nd/3rd

____ *Marvelous Molecules*

____*Secrets of the Moli Stone*

Rising 4th/5th

____ *Hydrology*

____*Culinary Chemistry*

Rising 6th/7th

____ *Tackling Genetic Epidemiology*

____ *Astronomy and Astrophysics*

SESSION 4: July 11–22

For Session 4, please indicate if you want your child to attend AM, PM, or both

Rising 1st

____ *AM: Budding Botanist*

____ *PM: Story Creations*

Rising 2nd/3rd

____ *AM: Blueprint to Business*

____ *PM: The Science of Complexity*

Rising 4th/5th

____ *AM: Memory & the Brain*

____ *PM: The New World*

Rising 6th/7th

____ *AM: Neuroscience of the Senses*

____ *PM: Capturing Perspective*

SUMMER 2016 APPLICATIONS ACCEPTED BEGINNING DECEMBER 8, 2015.
APPLICATION LAUNCH WINDOW: NOON, DECEMBER 8–NOON, DECEMBER 9
APPLICATIONS ACCEPTED UNTIL ALL COURSES ARE FILLED.

Send completed application to:

Vanderbilt Programs for Talented Youth | PMB 0506 • 230 Appleton Place • Nashville, TN 37203-5721 • (615) 322-8261 • *pty.vanderbilt.edu*

CONTACT INFORMATION

Primary Contact _____ **Relationship to Student** _____
First *Last*

Telephone _____ **Email address** _____
(For SAVY Communication) *(For SAVY Communication)*

Secondary Contact _____ **Relationship to Student** _____
First *Last*

Telephone _____ **Email address** _____
(For SAVY Communication) *(For SAVY Communication)*

School Name _____

School City/State _____

Are you a returning student? ❑ Yes ❑ No

How did you hear about SAVY? ❑ Catalog mailing ❑ School counselor ❑ Friend ❑ Social media ❑ Returning Student ❑ Email/Newsletter ❑ Web ❑ Postcard ❑ VU publication ❑ Teacher ❑ Other _____

Admissions Qualifications

Students who test at the 95th percentile and above on a standardized achievement or ability test are eligible to participate in SAVY courses in their area of strength(s). We accept any standardized achievement or ability test including, but not limited to, the following: RIAS, CogAT, TCAP, ERB, Stanford Achievement Test, OLSAT, Woodcock Johnson, WISC IV. Out of level standardized assessments (e.g. Explore, SCAT) are also accepted. While scores around the 95th percentile are typically a strong indication that SAVY is an appropriate curriculum match for a student, feel free to contact the SAVY office for questions about scores that do not meet these criteria. Returning SAVY students do not need to resubmit test scores unless their scores are more than three years old. Students without test scores should work with their schools to obtain documentation of their assessments.

For more information about assessment (including out-of-level), contact PTY's Admissions Coordinator, Laura McLean, at (615) 322-8261 or *laura.mclean@vanderbilt.edu.*

Fees & Tuition Costs

A $35 nonrefundable application fee should be included with this application. Please make checks payable to: Vanderbilt University–PTY. You may apply for multiple summer sessions with the $35 application fee.

Tuition for the SAVY program is $550 for Sessions 1, 2, 3, or 5, and $1,000 for Session 4 full days or $600 for Session 4 half days.

Only the application fee is due when applying. Upon your student's placement in a ranked course you will recieve a tuition statement via email. We do not collect full tuition until after your child has been admitted.

Cancellation Policy

Cancellations made before the tuition due date will be eligible for a 100% tuition refund. Cancellations made after the tuition due date (April 22, 2016) and before the refund deadline (May 6, 2016) will be eligible for a 50% refund. After the refund deadline, no tuition refunds will be awarded.

Admissions Notification, Tuition Payment and Required Paperwork

SAVY families will be notified of admissions decisions via email within 2 weeks of receiving the application. If everything is complete, you will receive communication about placement. If materials are missing, we willl notify you within 10 business days. You will have five business days after notification to provide necessary materials or your spot will be given away. For families who have applied for financial aid, financial aid information may be included in the admissions notice if financial aid materials have already been submitted. The admissions notice will include the tuition statement. **Summer tuition is due April 22, 2016.**

Before the start date of the program you will recieve a packet of required welcome paperwork. Required paperwork includes emergency contact information, medical information, and a media release. All students who participate in programs through Programs for Talented Youth must have health insurance documentation on file with PTY.

Financial Assistance

PTY is committed to making programs available to academically gifted students regardless of a family's ability to pay the full tuition. Therefore, need-based financial aid is available based on income. The PTY application review process is need-blind and does not consider financial status. If you plan to apply for financial aid, please indicate this on your application. After indicating your intent, you will receive an email with a link to the financial aid application. You may also access the financial aid application online on the PTY website, or complete the application included in this catalog. You may apply for financial aid at any point in the application process. The financial aid application, along with a copy of your household's most recent tax return, may be submitted via fax, mail, or email. Your student may be offered admission before receiving a financial aid award. You are not obligated to officially enroll your student until you receive a financial aid quote. When your financial aid quote is received, you may accept or decline the amount and placement in a course. Partial tuition scholarships and payment plans are available. Please contact PTY's Admissions Coordinator, Laura McLean, at (615) 322-8261 or *laura.mclean@vanderbilt.edu*, if you have additional questions about financial aid or setting up a payment plan.

Mailing Checklist

❑ Application
❑ Test scores (New SAVY students only)
❑ $35 application fee
❑ Financial aid application (if applicable)

Send completed application to:

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