

Summer Laureate 2014 • July 7 through July 11

At the University of Dayton Kennedy Union

Laureate 2014 - A Perspective

Welcome Summer!

Sail away from the safe harbor. Catch the trade winds with your sails.

*Explore. Dream. Discover.
- Mark Twain*

*The Summer Laureate -
A unique summer program...*

...where high academic achievers in grades three through eight have the opportunity to expand their knowledge within a university setting.

...where dedication to the pursuit of learning are reflected in the staff, students and program offerings.

...where there exists a challenging education plan that blends academic, cultural, social and recreational components into a rich and natural environment.

...where a staff is selected for their high level of preparation in their disciplines, outstanding teaching abilities and enthusiasm for working with bright students.

To Our Students

Midday activities bring the “Laureate family” together for guest speakers discussion topics and cultural presentations.

The cost for the one-week program is \$285. This includes all activities, instructional materials (except assigned lab fees), recreation, noon meal and snacks, plus the Sundae Social on Friday afternoon. Details will be given at orientation on July 7, 2014.

Selection

Laureate is designed specifically for high academic achievers who meet the following criteria:

- enrolled in a gifted/talented program in their respective school OR
- superior achievement in an academic program
- students entering third through eighth grade in **September, 2014.**

Final selection is dependent upon the Laureate screening after all data is considered. Those who are selected will be notified by June 6, 2014.

You're Invited

Back by popular demand! The Sundae Social on Friday afternoon at 2:30 pm in the Kennedy Union Ballroom. A happy ending to a fun-filled week. Invite your family members to join us!

For More Information Contact:

Lelia C. Boyd, Ph. D.
(513) 753-9143

Please leave a message.

Workshop Descriptions

Choose SIX of the workshop sessions which interest you. Number your choices in order of preference (1,2,3, etc.) in the boxes provided by each workshop you select. There is a maximum capacity attendance for each of the workshops so be sure to register as soon as possible. We will make every effort to provide three workshops of your choice. **A workshop may be canceled if there is insufficient enrollment.**

Because young minds matter

Grades 3-5

- BLAST OFF!** (Grades 3-5)
Explore the principles of aerodynamics and flight. Build your own bottle rockets– R2K bottle rocket along with the Stratoblaster. Experience an on-site launch and demonstration. Always a Laureate favorite! Too kew!!! (lab fee- \$15)
- LAUREATES GO WEST**
Form a wagon train, pack belongings, yoke up oxen and head for Oregon Territory. Face the hardships of 1840 pioneers. Join us for a six month journey. History revealing. Places you in the real life of these early pioneers. (Grades 3-5)
- STEP INTO THE COURTROOM** (Grades 3-5)
Using three hypothetical cases, Laureates will examine the laws involved and present persuasive arguments and closing statements. Gain a basic knowledge of our legal system. You will want to be involved!!!
- THREE LITTLE PIGS** (Grades 3-5)
Well, you know what happened in this story! Let's correct those construction mistakes– right now. Rocks, soils and minerals- how do they react when mixed together? Build three different sand castles and test them for strength, resistance to weathering and you know who... Just call 392– PIGS for the wolf protection plan as well as the best materials plan. Reasonable prices!
- SCRATCH YOUR BRAIN** (Grades 3-5)
Clever math ticklers which include reasoning abilities with unique and exciting games, tricks, and quick activities in math. More fun puzzles, brain teasers– these await you. Be included in this one!
- A LAUREATE CAR DEALER** (Grades 3-5)
Build rubber band racers and mint mobiles. SO EXCITING! Test the rubber– band racers and the mint mobiles, evaluate the results, measure distance, calculate speed. Test and refine the designs. Explore options for other vehicles.
- SUPPOSE THE WOLF WERE AN OCTOPUS**
Take one fairy tale, story or poem and give your version from the view of the villain or character; change it to YOUR creative ideas!! Works with almost any tale. Self expression, highly imaginative and REALLY fun. (Grades 3-5)
- BRIDGES TO EVERYWHERE** (Grades 3-5)
How did the chicken cross the road? If it were smart, it would have built a bridge! Build different kinds of bridges found in many locations. Use the K'NEX Comprehensive Bridge Building Set. Why are bridges different? Engineering challenges.

Grades 6-8

- COOKIE MINING TECHNOLOGY** (Grades 6-8)
Teams face economics and mining constraints by extracting “ore” (chocolate chips) from purchased properties. Property is bought (chocolate chip cookies) and “mining equipment” is purchased (paper clips) along with paying for the mining operations. Objective: Develop the mine, safeguard the environment and make money from the “ore” they mined. What challenges!!
- TOUCHDOWN: THE LUNAR LANDER CHALLENGE** (Grades 6-8)
Assume the roles of aerospace engineers and design, create and improve equipment. Build a shock– absorbing system that protects two marshmallow “astronauts” when they land. Build, test, evaluate and redesign are the plans for these engineers. Let's get started!!
- A LAUREATE THINK TANK** (Grades 6-8)
An action packed simulation which approximates conditions in many businesses. Work in teams as employees of a think tank. Find creative solutions for problems which your team was contracted to resolve. A definite student favorite!
- TECHNOLOGY EMPHASIS** (Grades 6-8)
Laureates will walk the short distance to the Sherman Hall Science Center to an advanced university computer lab for this session. Strategy building, imaginative thinking and social skills via computers and instructors and peer interactions. Always an exciting session!
- SHIP A CHIP** (Grades 6-8)
The makers of Pringle potato chip has decided to run a promotion to increase the sales of the chip. It is their contention that if everyone could just taste the potato chip, they would buy them. A team of two students will design and test a container for shipping a single “Pringles” potato chip, via U.S. Postal Service. Upon arrival, the packages will be evaluated for an undamaged chip. To test their package, they will mail to their home address.
- BALLOON AERONAUTICS** (Grades 6-8)
Topic: Aerodynamics. Explore Newton's three laws of motion and examine the effect of different forces on the rocket. Teams will construct a rocket from a balloon propelled along a guide-string. Redesign using bigger or smaller balloons, fill the balloons with water and repeat the experiment, tape pennies to the outside of the rocket to increase the mass. More learning options!!

PLEASE RETURN THIS PORTION OF THE BROCHURE *Continued on next page*

Laureate Mechanics

- Only a limited number of students can be accepted into and accommodated in the Summer Laureate.
 - The Laureate will be held from 8:30 am to 3:00pm daily, Students will meet in the Kennedy Union Ballroom, second floor, at the beginning of each day.
 - Students who are selected for Laureate will be sent further details. On opening day, an orientation meeting with class schedules will be held on campus for parents and students.
 - All Laureate participants and their parents automatically grant permission for use of student activities, such as picture taking, movies, video or audio taping. Permission is also granted for planned field trips. It will be necessary to have medical forms on file and your own medical insurance.
 - Transportation to and from the campus will be provided by the parent.
 - Lunch and snacks will be served in the Kennedy Union. A non-refundable \$85 application fee is necessary. (If student is not accepted, application fee will be refunded.) The remaining balance of \$200 must be paid by **June 20, 2014**.
 - Make checks payable to:

Lelia C. Boyd, Ph.D
Director - Summer Laureate
538 Hopper Hill Farms Road
Cincinnati, Ohio 45255
- (Personal checks for registration fees will be processed after the notification of screening status.)
- Fees are non-refundable for cancellations after **June 27, 2014**.
 - The deadline for nominations is **May 16, 2014**.
 - After deadline, please call for possible openings, **(513) 753-9143**.
 - Notification of applicants who are selected is **June 6, 2014**.

Phone: (513) 753-9143

Lelia C. Boyd, Ph.D.
538 Hopper Hill Farms Road
Cincinnati, Ohio 45255

The Summer Laureate

for Promising Young Scholars



*A Laureate Challenge -
Those having torches will
pass them on to others.*

- Plato

2014

**University of Dayton
Kennedy Union**

PLEASE USE THIS FORM FOR EACH NOMINATION (PLEASE PRINT LEGIBLY.)

Student Name _____ DOB _____ Grade Level (September '13) _____

Name of School _____ School System _____

Parent(s) Name _____ Phone # _____ City _____ State _____ Zip _____

Home Address _____

Enrolled in a gifted/talented program? Yes _____ No _____ Achievement Test Scores _____

Latest group or individual intelligence test: _____

Name of Test _____ Date Given _____ Score(s) _____

*Signature of Nominator _____ Position/Title _____

Check your favorite subjects in school (number your choices in order of preference) _____ Science _____ Math _____

Reading _____ Music _____ Art _____ Other, What? _____

Have you attended previous Summer Laureate Sessions? Yes _____ No _____

If so, when? _____

*Other than student's parent(s). _____

OFFICE USE ONLY

Application Fee _____

Total Fee _____

MARSHALLOW DESIGN CHALLENGE
A fun/design session! Teaches lessons in collaborations, innovation and creativity. A powerful technique for generating fresh ideas and building rapport. (Just ask college engineering students!) WOW! Your chance to build the tallest free-standing spaghetti structure that can support a marshmallow. Be the winning team!! (Grades 6-8)

CRIME SCENE- DO NOT CROSS
Complete this session designed for great detectives before moving on to tackle mysteries such as "The Vandal Strikes" and "The Great Electric Train Robbery". Along the way, you will think outside the box, organize data, take notes, make inferences, and uses deductive reasoning skills. Enroll in this session!! (Grades 6-8)

STOCK MARKET SEMINAR (Grades 6-8)
In today's fast-paced corporate and financial environment, there are matters that can be explored by America's youth. An emphasis on buying and selling stocks, investment strategies, and generally, how the stock market works. A stimulating session!!

All Levels

ANALOGIES- PAST PRESENT AND FUTURE
Historians, poets, scientists and many of us use them. A winning session of logic challenges. Test taking strategies, increases vocabulary, learn new information and are fascinating to solve and exciting to create. Join us!

SCIENTIFIC ENCOUNTERS
Through the years, Laureates have shown an interest and enthusiasm for the hands-on, minds-on scientific challenges. Who knows what the Laureates may contribute in the years ahead with their intellectual curiosity! Join the scientific blogosphere era!!

PAWN, QUEEN AND IN BETWEEN
Checkmate! Strategies will give students an opportunity to use critical and analytical thinking skills. Takes place in a setting that is abstract, competitive, social and just fun! Gain sportsmanship too! Instructional help is given.

PLEASE RETURN THIS PORTION OF THE BROCHURE