

# Summer Laureate 2013 • July 15 through July 19

## At the University of Dayton Kennedy Union

### Laureate 2013 - 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 \$275. 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 15, 2013**.

### 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, 2013**.

Final selection is dependent upon the Laureate screening after all data is considered. Those who are selected will be notified by **June 3, 2013**.

### You're Invited

Back by popular demand! The Sundae Social on Friday afternoon at 2:30 pm in the Kennedy Union Food Court. 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

- LAUREATES TEST KITCHEN** (Grades 3-5)  
Your job is to test products and arrive at the best decision for the best value and performance. Kind of like giving the Good Housekeeping Seal. Which brand of paper towel absorbs water the fastest? Which paper towel is the strongest when wet? Which dishwashing soaps produce the most suds? Other topics.
- IF YOU BUILD IT, THEY WILL LEARN**  
An exciting session with a variety of topics. Make a balloon rocket, magical science experiment with uninflating balloon, exploding lunch bag, rocket staging, rocket car (Newton's Third Law of Motion), thirty minute bottle rocket. WOW! TOO KEWL! (Grades 3-5)
- CALLING ALL FOODIES** (Grades 3-5)  
Lots of Chemistry and science in the study of foods. A variety of topics. The exploding lunch bag—what happened? Watch a banana peel itself—how? Acidity in foods—Ph level?? Acidity level of orange juice? Science of Sugar—how much sugar in a can of soda? You will be surprised at the findings!
- MATH ON THE MENU** (Grades 3-5)  
Laureates assist the Rosadas in setting up a Mexican restaurant. Plan menus, analyze costs, set chairs and tables. Closing activity is their own food fiesta. Money sense, organization, and analysis.
- PHIND THE FUN IN SCIENCE** (Grades 3-5)  
Take a lowly head of cabbage from the garden; it's amazing how much chemistry is there! You have acid/base discovery, explore household mysteries, play a Prest-O game, and apply knowledge gained in a game called Acid and Aliens from Outer Space. What an offering—all in one session!!!
- YEAR 'ROUND AND THE ISLANDERS**  
Become Northeastern Paleolithic Indians. Select your environment for each season; live with consequences. The second simulation: Ancient Greek Colonial traders barter for food, transportation, and necessary goods. (Grades 3-5)
- ELECTRONIC CIRCUITS** (Grades 3-5)  
Explore conductors, insulators, and simple closed circuits. Learn through a basic electricity unit. You will be so proud of your successes in this session.
- ROBOTIKITS** (Grades 3-5)  
Full of intriguing bites of information about robots. Emphasis on building your own recycled robot. Tin Can Robot recycles a soda can into a silly robot that moves. Brush Robot will sweep you away. Bottle Catamaran reuses two plastic bottles as floats for working model catamaran. Build one; share all three. (2AA batteries needed.) Lab fee—\$18.00

### Grades 6-8

- GALAXY** (Grades 6-8)  
A SIMULATION OF A SPACE SOCIETY ON THE BRINK OF CIVIL WAR. As a citizen of the Gemini galaxy and a cadet at intergalactic Space Academy (GSA), you will be facing threatening problems and dangers. Starvation, low energy supplies, pollution on the planet in the air, food and water are among the problems facing the citizens. You must attempt to help these people. HELP!
- CSI TECHNOLOGY** (Grades 6-8)  
Join the crime-solving, case-breaking, crook-catching Laureates as these crimes are investigated. Use chemistry to analyze evidence, biology to learn more about a crime and analyze documents for solutions. Dust for fingerprints, analyze handwriting, even make a plaster cast of a shoe! Don't leave a stone unturned to solve a mystery.
- CIVIL WAR STRATEGIES** (Grades 6-8)  
Take command of elements of either the Union or the Confederate army in the American Civil War logic and problem solving along with hands-on displays. Teams of students will recreate battles on game boards while planning strategies for winning.
- MYSTERY DISEASE** (Grades 6-8)  
The scenario for this session takes place in September. The fair has just ended and school has just begun and it's not time for flu season. Panic time in the small community of Jamestown! A disease seems to be everywhere. Laureates will help to examine all the evidence, as health workers, to determine the most probable source of the illness. A real-life drama!! A problem based session.
- LOGIC 101** (Grades 6-8)  
Teamwork extraordinaire! Corporations of today expect this experience in their world of work—be prepared! Given clues to each team, the group works to find a solution. Lively discussions are heard as they think critically, make deductions, draw inferences, and work cooperatively. Sounds exciting!!
- SOLAR DESIGNERS** (Grades 6-8)  
Harness the unlimited energy of the sun to power a solar car! An alternative fuel. The July sun should give great operational power. Save electricity, go old school, and cook on a solar over. Toast up s'mores, nachos, and other small treats. You can make one!! Ingenious Laureates!! (Lab Fee—\$15)

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**ROBOTIC TECHNOLOGY** (Grades 6-8)  
Join the excitement of the robocrafts! Leads gently into that big world of robotics. Select ONE that you would like to build. Share your building efforts with your fellow robotic enthusiasts. (Lab Fee—\$18)

**RABBIT**  
Do the bunny hop! Moves like a real rabbit. Fastest robot in this series.

**BEETLE**  
Put away the bug spray! Upon hitting an obstacle, the beetle uses its horns to move around whatever is in its path.

**KANGAROO**  
Bring an exotic animal from down under to the Laureate week. Hops like a real animal!!

**WALL HUGGING MOUSE**  
Drive the cat crazy!! See through the body so you can see the parts in action.

**THEY BROKE THE LAW** (Grades 6-8)  
You be the judge. Judge Jacobs gives teens a behind-the-bench look at the juvenile court system and young people whose lives are changed in court. Background is given, relevant facts, and sentencing options—decide who goes to detention and who goes free. Then find out what really happened to the young offenders.

### All Levels

**GUESS WHAT??** (All Levels)  
A potpourri of activities! Scientific encounters, a walking tour to a campus department, brain challenges, develop intellectual curiosity; hands-on experiences. A different topic each day! Promises to be unique! Surprises!

**SCIENTIFIC ENCOUNTERS** (All Levels)  
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!!

**BRAIN SIZZLERS** (All Levels)  
For the thinkers and the wanna-be thinkers! Wake a sleepy brain for the daily Laureate activities. These inferential reading skills are found in all standardized reading tests. Take advantage of being prepared. Lots of interaction; fun, too! Promise!

**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 # \_\_\_\_\_  
 Home Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 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 \_\_\_\_\_

### 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 \$75 application fee is necessary. (If student is not accepted, application fee will be refunded.) The remaining balance of \$200 must be paid by **July 1, 2013**.
- 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 **July 5, 2013**.
- The deadline for nominations is **May 24, 2013**.
- After deadline, please call for possible openings, (513) 753-9143.
- Notification of applicants who are selected is **June 3, 2013**.

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

2013

University of Dayton  
 Kennedy Union

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