



geri

Gifted Education  
Resource Institute



# SUPER SUMMER

*Enrichment programs for gifted and talented youth*



Kindergarten—4<sup>th</sup> Grade  
SUMMER 2015

**PURDUE**  
UNIVERSITY

COLLEGE OF EDUCATION

About

# SUPER SUMMER



Purdue University's Gifted Education Resource Institute (GERI) Super Summer is a program where bright kids in kindergarten (K) through fourth grade come to enjoy challenging courses with other academically, creatively, and artistically talented youth. Day-long, interdisciplinary courses are geared at least two grade levels above each student's current school grade.

Students will attend a full-day program of challenging, hands-on activities related to a central theme. Components from all disciplines will be included at every level, so each child will gain experience in engineering, math, science, social studies, art, and language arts, while working on open-ended activities that require critical and creative thinking.



High-ability children think big thoughts. They make connections across disciplines and work to understand how ideas and concepts are related to each other. Rather than exploring just one topic, such as chemistry, the students will learn how chemistry plays a role in real life. They will explore such questions as: What chemical reactions occur in our ecosystem? Are they helpful or harmful?

We look forward to seeing you this summer. Just bring a lunch, snacks, and your enthusiasm for learning with you!

# WHAT MAKES SUPER SUMMER SUPER?

## WHAT MAKES SUPER SUMMER SUPER?

- **Small Classes:** Class sizes are limited to 12 students at the kindergarten grade levels, 15 students at the 1st and 2nd grade levels, and 18 students at the 3rd and 4th grade levels, to enable our instructors to work effectively with each student.
- **High-Quality Teachers:** Our caring teachers are knowledgeable and enthusiastic about working with GERI students. They receive professional training and ongoing support from the GERI team to meet the special needs of high-ability children and to ensure that students get personalized attention.
- **Challenge:** Classes provide authentic, hands-on learning experiences that encourage creative thinking, problem solving, and exploration of student interests in an environment that values creativity, diversity, and achievement.
- **Enjoyment:** Students enjoy learning interesting content in an interactive environment. The Super Summer program provides high-ability students an enjoyable setting in which they can connect with other bright students who share their enthusiasm for learning.
- **Community of Talents:** Students work with counselors to understand and appreciate their strengths and the strengths of others. Collaboration, communication, and thinking skills are emphasized using simulations and scenarios.

## WHEN:

Two, one-week sessions are offered.

Session1:

June 8-12 from 8 a.m. to 5 p.m.

Session 2:

June 15-19 from 8 a.m. to 5 p.m.

## SCHEDULE:

A detailed program schedule will be included in the information packet provided after registration.

## WHERE:

We are pleased to announce that the program will be held on the Purdue University campus in West Lafayette. Detailed classroom assignments will be included in the information packet provided after registration.

## FOR ANY ENQUIRIES:

For any enquiries, please contact our Super Summer coordinator, Juliana Tay, at (765) 494-7240 or [jtay@purdue.edu](mailto:jtay@purdue.edu). For more details, please visit our website: [http://geri.education.purdue.edu/youth\\_programs/SSUM/index.html](http://geri.education.purdue.edu/youth_programs/SSUM/index.html)



# COURSES

Week 1 – June 8 - 12

*Discovery Week: How have some of our greatest discoveries been made? Explore discoveries from experiments, history, and medicine.*

## KINDERGARTEN: DISCOVERY THROUGH EXPERIMENTATION

Do shadows move? How does wind erosion happen? Discover the answers to these questions and more as you gather common household items, building materials, and icky, gooey things. Create mind-blowing kid-tested science experiments. The possibilities for scientific discovery are endless!

## KINDERGARTEN: DISCOVERY THROUGH ENGINEERING

What can bubbles do? Are there things bubbles cannot do? How can you make a bubble land without popping? Uncover the secrets of bubbles through experimenting with many different materials that can be used to make bubble wands. Become a materials engineer as you consider which materials are best for making different kinds of bubbles, and which combination of materials you will use to create their own unique bubble wands. *(Priority given to students who have joined Super Summer in 2013)*

## GRADES 1 - 2: DISCOVERY THROUGH HISTORY

How do the historic discoveries made by ancient civilizations affect our modern world? Examine how the contributions of the ancient Egyptian, Mayan, Roman, and Chinese empires in art, literature, and science have influenced modern civilization. You will also consider scenarios and solve complex mathematical and engineering tasks as you put yourself in the role of ruler of your own empire. Use your imagination as you design and build your own working society.

## GRADES 3 - 4: DISCOVERY THROUGH VETERINARY MEDICINE

Have you ever considered that humans and animals have similar basic needs? Have you wondered how your pets view the surrounding world from their perspectives? Discover your inner veterinarian! Learn all about animal anatomy, physiology, and nutrition with dissection and other exciting hands-on and minds-on activities. Explore the veterinary needs of animals of all shapes and sizes!



# COURSES

Week 2 – June 15 - 19

*EcoWeek: What makes the Earth unique? Ecology and ecosystems of the past, present, and future.*

## KINDERGARTEN: HOP-TO-IT

What is an invasive species and what can we do to protect an ecosystem? A world-traveling brother and sister duo, India and Jacob, present the problem of invasive cane toads. Act as a mechanical engineer while designing a trap to catch a cane toad. In this problem-solving unit, you will explore the idea that, as engineers, you can design and improve technology!

## KINDERGARTEN: WHEN A PLUS B EQUALS C

Did you know that kindergarteners can have fun with algebra? The world around us is filled with mathematics. For example, did you know that when you are making a hamburger you are creating a linear equation? Utilize a hands-on approach to learn about algebraic thinking and understand fundamental algebraic concepts. Become an artisan as you explore the world of mathematics in a creative and fun way. *(Priority given to students who have joined Super Summer in 2013)*

## GRADES 1 - 2: NATURE'S PUZZLE

What is the relationship among topography, biology, chemistry, and ecology? What chemical reactions influence the environment? Gather evidence, analyze data, and interpret findings as you research and explore concepts of the physical environment, ecosystems, human ecology, and biodiversity. Examine interactions between geography and meteorology, the impact of common household compounds and the environment, and the effects of pollution on humans and animals.

## GRADES 3 - 4: THINK LIKE AN ECOLOGIST — OUR EARTH, OUR RESPONSIBILITY

The choices that people make every day have an effect on the world in which we live. Analyze how human populations affect Earth's natural resources. Through a variety of hands-on activities, consider how human behaviors, collective and individual, conscious and unconscious, have both positive and negative effects on our planet. Look at issues on both local and global scales in order to develop ideas and solutions to the problems we face and become an advocate for change in the world around you.



# HOW TO REGISTER

## WHO IS ELIGIBLE

Super Summer courses are designed for motivated, high-ability students, in kindergarten through fourth grade. The pace and level of these courses are appropriate for students in the top ten percent of the population in a given program area.

## ONLINE REGISTRATION

Register online at:

[www.conf.purdue.edu/ssum2015](http://www.conf.purdue.edu/ssum2015)

- Credit card payment is required when registering online.
- Choose a session, or sessions, at the proper grade level for which the child is eligible.
- Log on to the system with the child's name. You will be prompted later to enter the parent or guardian's name in the payment information.
- **Child should enroll in the grade level completed this school year.**

## OTHER OPTIONS

By mail: GERI Super Summer  
Purdue University Conferences  
Stewart Center, Room 110  
128 Memorial Mall  
West Lafayette, IN 47907-2034

You will receive a confirmation notice when your registration materials are received by Purdue Conferences.

- Credit card payment is required when registering online.
- By phone: (765) 494-2758 or (800) 359-2968
- By fax: (765) 494-0567

## COMING FROM OUT OF TOWN?

Our guests from out of town are invited to stay at one of our local hotels.  
*Contact the hotels directly for reservations.*

### Union Club Hotel

Purdue Memorial Union  
101 N. Grant St.  
West Lafayette, IN 47906  
(765) 494-8900

### Hilton Garden Inn

356 E. State Street  
West Lafayette, IN 47906  
(765) 743-2100

### Holiday Inn Select—City Center

515 South Street  
Downtown Lafayette, IN  
47901  
(765)423-1000

## ACCESSIBILITY

Purdue is committed to ensuring programs are accessible to individuals with disabilities. If your child requires an accommodation or special assistance due to a disability, contact Purdue Conferences at (765) 494-2758 at least one week prior to the start of the program.

# FEES & PAYMENT

## FEES

- One week, full-day program: \$240 per child
- Both weeks, full-day program: \$440 per child
- Family rate, two or more children from the same family: \$220 per child, per week

## PAYMENT

Checks should be made payable to Purdue University. If registering online, fees may be charged to Discover, VISA, American Express, or MasterCard.

An introductory packet will be mailed to you the week prior to the start of the program. If you do not receive notice at least three days prior to your child's first class, call our office, (765) 494-7240.

## FINANCIAL AID

A limited number of need-based scholarships for full tuition are available. To apply, complete and return the financial aid form (located on page 9) with your child's application.

## REFUND AND WITHDRAWAL POLICY

A full refund will be granted if a request is received in writing by May 18. A \$50 refund will be given between May 19 and June 8. No refunds will be granted after June 8.







# FEES & PAYMENT

## STUDENT INFORMATION

SN16418/PS/15FY

Name: \_\_\_\_\_ Birth Date: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Gender (optional):  Male  Female Age: \_\_\_\_\_ Grade in School (2014-2015): \_\_\_\_\_

School: \_\_\_\_\_ Corporation: \_\_\_\_\_

Race/Ethnicity (optional/check all that apply):

- African American/Non-Hispanic       Hispanic       Other  
 Asian       Multi-racial       Pacific Islander  
 Caucasian, Non-Hispanic       Native American/Alaskan Native       Choose not to answer

*Ethnicity and gender data are used for research and evaluation purposes only and do not affect eligibility.*

Parent/Legal Guardian Name: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

This will be my child's first Super Summer session:  Yes  No

Purdue is committed to making its programs accessible to individuals with disabilities. If you require an accommodation or special assistance for this program due to a disability, please contact us at (765) 494-7243.

## PHOTO RELEASE

I do not give consent for any photograph or video image of my child taken during a GERI program to be used by Purdue University for publicity and educational purposes.

## MEDICAL INFORMATION (must be completed)

List any information regarding your child's health, allergies, physical, and/or emotional status in order for us to best serve your child's needs. Attach additional sheets if necessary.

## EMERGENCY CONTACT (in the event parent/guardian cannot be reached)

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

## PARENTAL AUTHORIZATION

Purdue University Medical Authorization for Treatment of a Minor (persons under 18 years): Pursuant to Indiana Code Paragraph 16-36-1-6 and subject to any limitations listed below, I request and authorize the Purdue University Student Health Center, Purdue University Ambulance Service, Franciscan Saint Elizabeth Health - Lafayette East, and Indiana University Health Arnett, medical personnel, agents, and employees to provide all reasonably necessary medical care, including but not limited to medical transport, hospital tests, such as pathology, radiology, anesthesia, surgery, and prescription drugs advisable for the health of my child. I acknowledge that no representations, warranties, or guarantees as to results or cures will be made.

Further, I hereby grant permission for my child to attend Super Summer by signing below.

\_\_\_\_\_  
Date: \_\_\_\_\_

*Parent / legal guardian signature is required.*

## FEES AND SESSION/GRADE PREFERENCE

Select session and grade level (child should enroll in the grade level completed this school year).

WEEK 1 — JUNE 8 - 12

### KINDERGARTEN

Discovery through Experimentation

### KINDERGARTEN

Discovery through Engineering

### GRADES 1 - 2

Discovery through History

### GRADES 3 - 4

Discovery through Veterinary Medicine

I will be attending one session - \$240

I will be attending both sessions - \$440

Please make sure you indicate grade level/class above.

Family rate for one session - \$220

Please make sure you indicate grade level/class and session above.

WEEK 2 — JUNE 15 - 19

### KINDERGARTEN

Hop-to-it

### KINDERGARTEN

When A plus B equals C

### GRADES 1 - 2

Nature's Puzzle

### GRADES 3 - 4

Think Like an Ecologist

Please list name(s) of other family members who will also be attending Super Summer 2015.

\_\_\_\_\_

\_\_\_\_\_

Each child **MUST** complete his or her own registration form and forms **MUST** be returned together in order to qualify for the family discount rate.

I would like to make a monetary donation to help children with high potential who live in poverty attend Super Summer. Donations are tax-deductible. \$ \_\_\_\_\_

**TOTAL PAYMENT ENCLOSED \$** \_\_\_\_\_

**PAYMENT METHOD** *Payment is required upon submission of registration.*

Enclosed is a check made payable to **Purdue University**.

Please charge to my:  Visa  American Express  Discover  MasterCard

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Authorized Signature \_\_\_\_\_

Printed Name \_\_\_\_\_

Please mail with payment to:

CEC Business Services • Purdue University

Stewart Center, Room 110 • 128 Memorial Mall • West Lafayette, IN 47907-2034

or fax your with credit card information to: (765) 494-0567

Register online at

[www.conf.purdue.edu/ssum2015](http://www.conf.purdue.edu/ssum2015)

## FINANCIAL AID

A limited number of full financial aid grants are available for students who would not be able to attend the program without financial assistance. To be considered for financial assistance, please complete this form and submit it with the Super Summer application. If you have questions about eligibility, please contact Juliana Tay at (765) 494-7240.

Student's name: \_\_\_\_\_

For school-aged children:

- I have attached verification on official school letterhead that my child is eligible for **free** lunch.
- I have attached verification on official school letterhead that my child is eligible for **reduced** lunch.

For kindergarten or homeschooled children:

- I have attached documentation to verify that my child is eligible for federal financial assistance.

## PARENT'S EDUCATIONAL BACKGROUND

### Parent 1

- Some high school
- High school diploma
- Some college
- Bachelor's degree
- Master's degree
- Ph.D. / professional degree

### Parent 2

- Some high school
- High school diploma
- Some college
- Bachelor's degree
- Master's degree
- Ph.D. / professional degree

\_\_\_\_\_ Date: \_\_\_\_\_

*Parent / legal guardian signature is required.*

### Return this form to:

Gifted Education Resource Institute  
100 N University St, Rm 5178  
Beering Hall of Liberal Arts & Education  
Purdue University  
West Lafayette, IN 47907-2098

Phone: (765) 494-7243

Fax: (765) 496-2706

*Purdue University is an equal access/equal opportunity university.*



Purdue University

Beering Hall, Room 5178

100 N. University St.

West Lafayette, IN 47907-2098

Nonprofit  
Organization  
U.S. Postage  
**PAID**  
Purdue University

**Enroll online!**

[www.conf.purdue.edu/ssum2015](http://www.conf.purdue.edu/ssum2015)

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