

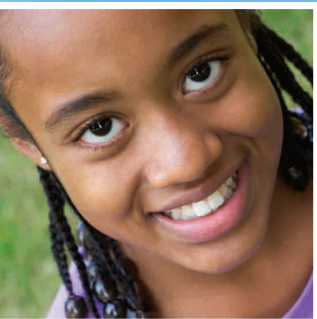


SPRING  
2013

Pre-k—8<sup>th</sup> Grade

# SUPER SATURDAY

*Enrichment programs for gifted and talented youth*



**PURDUE**  
UNIVERSITY  
COLLEGE OF EDUCATION

About

# SUPER SATURDAY

Super Saturday is a popular enrichment program designed to meet the needs of academically, creatively, and artistically gifted students from age four (pre-kindergarten) through eighth grade. We offer an ever-changing variety of courses in science, technology, engineering, mathematics, visual and performing arts, and original interdisciplinary studies. Students choose their own classes on a first-come, first-served basis.

## WHEN AND WHERE

- Spring 2013 semester courses will take place January 26 - March 2  
Saturday morning sessions meet from 9 a.m.-Noon
- Most classes are held in Beering Hall on the Purdue campus in West Lafayette

## WHAT MAKES IT SUPER?

- Small class sizes
- Personal attention from caring teachers
- Challenging, hands-on learning
- An emphasis on critical thinking and independent learning
- An environment that values creativity, diversity, and achievement
- A chance to share interests with other gifted children
- Super Saturday is FUN!

## WHAT ARE CLASSES LIKE?

- Classes are small. Super Saturday limits class sizes to 12 students for early grades and 18 for later grades. Each student receives individualized instruction.
- Classes are taught by teachers who care. Most of our classes are taught by teachers who select their own course topics, so Super Saturday teachers are knowledgeable and excited about their subject matter, and share this enthusiasm with their students. Teachers also receive special training and ongoing support from GERI to help them meet the special needs of gifted and talented students.
- Classes are challenging. Super Saturday courses provide authentic, hands-on learning experiences. They encourage creative thinking, the development of problem-solving skills, and individual exploration of student interests.
- Classes are fun. Super Saturday courses are interesting and interactive. All classes give gifted students a chance to meet and have fun with other bright students who share their interests and enthusiasm for learning.

# COURSES



## WHO WANTS TO BE A SCIENTIST?

There are many types of scientists. Learn about the jobs of physicists, biologists, chemists, and astronomers, and learn what other jobs involve science. Become a scientist and test your hypotheses!

## FUNKY PHYSICS

Why does a ball fall to the ground? Why does your body lean when the car you are in turns suddenly? Come explore how physics affects your everyday life. Do experiments, make your own creations, build mazes, and work on a top secret project.

## AQUATIC BIOLOGY

Did you ever wonder how a fish can breathe without air? What are gills, and how do they work? What other kinds of plants and animals live in the water? Examine the biology of creatures that live in the water.

## VISUAL MATH

Explore math through the senses as we work with shapes and bubbles, nature, flying discs, spaghetti puzzles, fractionated cookies and more. Who knew math could be this fun?



# COURSES

grades  
1-2

## BUGTASTIC ENTOMOLOGY

Explore the world of insects! Learn about their bodies, communities, and their importance to the human world. We will conduct hands on experiments and go out in the field to collect data. Come join our insect laboratory.

## YOUNG ENGINEERS

Engineers do many things! Learn about the different jobs of engineers, and put them into practice as you plan, design, build, and more. Find ways to improve preexisting designs, and make your own new project from everyday materials.

## KITCHEN CHEMISTRY

Your kitchen is one big chemical experiment! Explore colors, solids, liquids, gases, polymers, chemical reactions, mixtures, solutions, and more. Use your new kitchen chemistry knowledge to create snacks that go along with the lesson of the day. Learn how chemistry is alive in your own home! (*Supply Fee \$5*)

## ANCIENT CIVILIZATIONS

Put on your traveling shoes and join us as we explore Egypt, Greece, and other countries home to ancient civilizations. Did you know that the Egyptians thought it was good luck to enter a house left foot first? At ancient Olympia there were only 4 different types of races? The builders of the Hanging Gardens of Babylon are still a mystery? Come and learn more amazing facts about pyramids, hieroglyphics, Greek mythology, and other ancient cultural traditions and beliefs.



# COURSES

grades  
3-4

## COMPUTER ANIMATIONS

Make a scene come to life without a video camera! You've seen movies where people, things, and animals move beautifully, all at the direction of a computer program. Learn how to create the right instructions for a computer to follow, in order to create movement that is limited only by your imagination!

## MINI MED

Calling all talented future doctors! Explore the world of medicine to understand what it takes as we dissect various specimens. Learn about human anatomy, physiology, immunology, microbiology, systems of disease, and more.

*(Supply Fee \$10)*

## MECHANICAL ENGINEERING

Do you like to design and construct machines? Join us as we use physics to construct and test catapults and learn about the physics of cars by building cars powered by air, rubber bands, motors and propellers. Make your own creations and more in this hands-on design class.

## RADICAL REACTIONS

Slap on some safety goggles, snap on some gloves, and get ready for this incredible journey into the science lab. Experiment with substances you probably have at home to create really radical reactions right before your eyes. Uncover the secrets of chemistry as you grow a crazy crystal garden, build a giant bubbling potion, and transform two regular liquids into an oozing batch of slippery slime!

*(Supply fee \$10)*



# COURSES

grades  
5-8

## RUBE GOLDBERGINEERING

Have you ever seen a Rube Goldberg design? Well...can you use a hammer, a pulley, and twelve rubber bands to put toothpaste on a toothbrush? Come join a design team to brainstorm and build creative contraptions to solve everyday problems in a complex way. Use hands-on activities to focus on science, technology, and engineering concepts!

## COMPUTER PROGRAMMING

Are you into Saturday morning cartoons and video games? Come put your imagination to work with object-oriented programming in Java. Learn hands-on how to make your own computer animations, interactive games, and scientific simulations, complete with graphics and sound effects. No programming experience is necessary, but having fun is required!



## FORENSIC SCIENCE

Learn how to investigate “the cause of death” by investigating mock crime scenes and solving cases. Find how fingerprints, fabric fibers, and other nearly-invisible clues can provide evidence to show who really committed a crime! Young scientists will transform the classroom into a forensic lab and learn about detective science and become CSI Investigators!

## PAINTER’S STUDIO

Explore different painting techniques, color mixing, and approaches to composition and even compose your own painting. Design your own canvas and use this canvas as you practice the various “building blocks” and principles of art.



# HOW TO APPLY

## ONLINE REGISTRATION (AVAILABLE NOVEMBER 19)

To register online (credit card payment required), go to [www.conf.purdue.edu/supsat13s](http://www.conf.purdue.edu/supsat13s). Please note the following:

- If there is a supply fee connected to the class you choose, it will be automatically added to your total.
- Choose a class according to the child's current grade level.
- If a selection is not available, that means that class is full. Please choose another class. If there are no other classes available in the child's grade level, then that grade level is full and you will need to call the GERI office at (765) 494-7243 to enroll.
- **Log onto the system with the child/registrant's name. You will be prompted later to put the parent/guardian name in the payment information.**

## OTHER REGISTRATION OPTIONS

If paying by check, return the form (one per child) and payment to:

**GERI Super Saturday**  
**Purdue University Conferences**  
**Stewart Center, Room 110**  
**128 Memorial Mall**  
**West Lafayette, IN 47907-2098**

We will send a confirmation notice when your application materials are received.

## DEADLINE

To avoid a late fee, all materials must be faxed or postmarked by **5 p.m. on Friday, January 11**. Students applying after this date will be charged a \$30 late fee.

Students are placed in classes on a first-come, first-served basis, and many of our popular classes will fill before the application deadline. For the best choice of classes, apply today!

## PAYMENT AND REFUND INFORMATION

The fee for Super Saturday is \$195 per child. Some courses also have an additional supply fee (see course descriptions for details).

Checks should be made payable to Purdue University. Tuition may be charged to Discover, VISA, American Express, or MasterCard. Notification of acceptance will be sent a few days after application materials are received. If you do not receive notice at least three days prior to the first class, call our office to check class assignment and location. If a class is canceled due to insufficient enrollment, students will be contacted and be given the opportunity to select another class or a full refund. Purdue is not responsible for additional costs due to cancellation. If it is necessary for a child to withdraw, the following policy will apply:

DATE	REFUND
Before 5:00 p.m. on January 11	Full refund
After January 11 and before January 26	Full refund minus \$50 fee
After January 26	No refund



# APPLICATION

SN 11340/KRW/13FY

## STUDENT INFORMATION

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

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

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

Gender (optional):  Male  Female Grade in School (2010-2011): \_\_\_\_\_

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

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

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> African American/Non-Hispanic | <input type="checkbox"/> Hispanic                       | <input type="checkbox"/> Other                |
| <input type="checkbox"/> Asian                         | <input type="checkbox"/> Multi-racial                   | <input type="checkbox"/> Pacific Islander     |
| <input type="checkbox"/> Caucasian, Non-Hispanic       | <input type="checkbox"/> Native American/Alaskan Native | <input type="checkbox"/> 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 Saturday session:  Yes  No

My child requires reasonable ADA (Americans with Disabilities Act) accommodations. Contact me at the above address/phone.

## PHOTO RELEASE

- I give consent for any photograph or video image of my child taken during a GERI program to be used by Purdue University for publicity purposes.
- 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 purposes.

## MEDICAL INFORMATION

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, I request and authorize the Purdue University Student Health Center, Purdue University Ambulance Service, St. Elizabeth Hospital, and Clarian Arnett Hospital medical personnel, agents, and employees to provide all reasonably necessary medical care advisable for the health of my child, including but not limited to medical transport, hospital tests, such as pathology, radiology, anesthesia, evaluation and treatment by physicians, including surgery, and prescription drugs. I acknowledge that no representations, warranties, or guarantees can be made with respect to any medical care or treatment provided.

Further, I hereby grant permission for my child: \_\_\_\_\_  
to attend Super Saturday by signing below.

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

\_\_\_\_\_  
Parent/Legal Guardian Signature (required)

## COURSE PREFERENCE

Your child may take only one Super Saturday course. In the course descriptions on pages 3-7, find courses for your child's grade level. List, in order of preference, the courses in which your child would like to enroll (choices 1, 2, and 3). Supply fees, if applicable, are listed after course title.

### GRADES PRE-K-K

- \_Who Wants to Be a Scientist?
- \_Funky Physics
- \_Aquatic Biology
- \_Visual Math

### GRADES 1-2

- \_Bugtastic Entomology
- \_Young Engineers
- \_Kitchen Chemistry (\$5)
- \_Ancient Civilizations

### GRADES 3-4

- \_Computer Animations
- \_Mini Med (\$10)
- \_Mechanical Engineering
- \_Radical Reactions (\$10)

### GRADES 5-8

- \_Rube Goldbergengineering
- \_Computer Programming
- \_Forensic Science
- \_Painter's Studio

## FEES

Payment is due upon registration submission.

Tuition: **\$195** + Supply Fee: \_\_\_\_\_ + Late Fee (\$30 after January 11): \_\_\_\_\_ = Total: \_\_\_\_\_

## PAYMENT

VISA    MASTERCARD    AMERICAN EXPRESS    DISCOVER

Name on Card: \_\_\_\_\_

Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Signature: \_\_\_\_\_

- CHECK: Enclose one check per child, payable to **PURDUE UNIVERSITY**.
- APPLYING FOR FINANCIAL AID (complete information on page 11)
- I would like to make a monetary donation in the amount of \$\_\_\_\_\_ to help children with high potential who lie in poverty attend Super Saturday. Donations are tax-deductible.

Return this form and payment to:

**GERI Super Saturday**  
**Purdue University Conferences**  
**Stewart Center, Room 110**  
**128 Memorial Mall**  
**West Lafayette, IN 47907**

# FINANCIAL AID

*PARTIAL* financial aid grants are available for students who would not be able to attend the program without financial assistance. Financial assistance will be provided on a first-come, first-served basis.

Student's Name: \_\_\_\_\_

## FOR SCHOOL-AGED CHILDREN

I have attached verification on official school letterhead that my child is eligible for **FREE** lunch or **REDUCED** lunch.

## FOR PRE-K 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.*

Please do not apply for financial aid unless you can document need by sending in the requested information.

**GERI Super Saturday  
Purdue University Conferences  
Stewart Center, Room 110  
128 Memorial Mall  
West Lafayette, IN 47907-20348**

For financial aid questions, contact Stacey Folyer at (765) 494-7243 or [sfolyer@purdue.edu](mailto:sfolyer@purdue.edu).

EA/EOU



Purdue University  
Beering Hall, Room 5178  
100 N. University St.  
West Lafayette, IN 47907-2098

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# **SUPER SATURDAY**

**Enroll online!**

[www.conf.purdue.edu/supsat13s](http://www.conf.purdue.edu/supsat13s)