



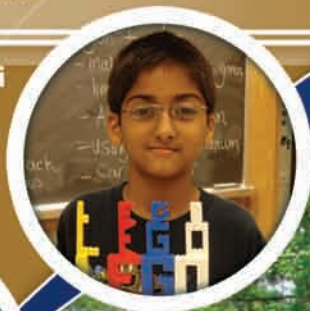
Gifted Education
Resource Institute

2010

SUMMER CAMPS

PROGRAMS FOR STUDENTS WHO HAVE
JUST COMPLETED GRADES 5-12

www.purdue.edu/geri



PURDUE UNIVERSITY
FOUNDED 1869



About

the Gifted Education Resource Institute

The mission of the Gifted Education Resource Institute, GERI, is to further the development of gifted and talented individuals throughout their lives. GERI's work encompasses:

- **Research on gifted education and the psychology of talent development.**
- **Training of professionals from around the world to promote the development of gifted and talented individuals.**
- **Services and special programs for gifted and talented individuals and their families.**

The Gifted Education Resource Institute, housed within Purdue University's College of Education, was founded by Professor John Feldhusen in 1974, with support from Purdue vice president Don Brown. GERI's first

projects involved working with public schools to improve programs for gifted children, training public school teachers and administrators in gifted education, and developing the Shared Information Services (SIS) libraries. In addition, GERI developed several programs for talented youth. Super Saturday, a six-week enrichment program, was created in the spring of 1976. GERI began offering summer camps in 1977.

Today, GERI continues to offer innovative programs for talented youth. Under the direction of Professor Marcia Gentry, GERI staff work diligently to ensure the success of our students. Our caring instructors and counselors bring vast knowledge and diverse perspectives to our programs. The result is a history of unforgettable learning experiences at Purdue University.

What Programs Does GERI Offer for Younger Students?

Are you interested in attending GERI Summer Camps but are not quite old enough for the Comet program? Then join us for GERI's Super Summer program! Super Summer is a series of week-long day camps based on GERI's popular Super Saturday programs. Super Summer offers exciting classes in science, computers, art, languages, and more, to gifted students completing grades preK-4. For information about the Super Summer program, or to request a program brochure, visit GERI's Web site at www.purdue.edu/geri, call (765) 494-7243, or e-mail geri@purdue.edu.

CONTACT INFORMATION:

Gifted Education Resource Institute
Beerling Hall, Room 4133
Purdue University
West Lafayette, IN 47907-2098
Phone: (765) 494-7243
Fax: (765) 496-2706
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geri@purdue.edu

GERI STAFF

PROFESSOR MARCIA GENTRY *is the executive director of GERI.*

PROFESSOR REBECCA MANN *is the co-director of GERI.*

NIELSEN PEREIRA *is the Summer Residential coordinator.*

BOYD GILBERT *is the GERI Enrichment Education Specialist.*

*"I loved the people,
loved the counselors,
loved the teachers,
and loved the classes!"*



What makes **GERI** Summer Camps so great?

GERI, the Gifted Education Resource Institute, has been serving gifted and talented students since 1974. Every summer we invite gifted and talented students like you to come to Purdue University and experience programs designed to stimulate your imagination and expand your abilities. Our program also offers a wide range of recreational activities and a chance for you to get a taste of college life as you live on campus in Purdue's residence halls.

Here's what you'll experience at GERI Summer Camps:

INTELLECTUAL CHALLENGE

GERI classes offer mind-bending challenges. Classes are fast-paced, interactive, and fun. Our classes are small and are led by enthusiastic teachers who enjoy working with gifted students.

TALENTED AND CARING STAFF

GERI teachers and counselors really care. Teachers thrive on sharing their passion for knowledge with students. Our counselors are gifted adults who can relate to students.

OUTSTANDING FACILITIES

Purdue is a world-class research university, and GERI students have the use of state-of-the-art laboratories, computing facilities, and a variety of libraries.

FRIENDSHIPS

At GERI Summer Camps, you will find friends who share your interests and love of learning. GERI attracts a diverse group of gifted and creative people. With the friendly atmosphere of GERI Summer Camps, many students make friends they keep in touch with year-round.

INDEPENDENCE

Learning to live away from home and balancing opportunities for fun with academic demands are important skills for college success. GERI students live in residence, learn in university classrooms and labs, and take advantage of Purdue's cultural and recreational facilities, just like college students — with supervision, guidance, and support from the GERI staff to help you adapt and thrive.

FUN

GERI counselors strive to make your time outside of class just as rewarding as your time in class. You will be able to participate in a vast array of activities, including swimming, basketball, bowling, scavenger hunts, game tournaments and field trips to Chicago or Indianapolis.

BACK FOR 2010

GERI is pleased to continue the Comet commuter program. Comet students can choose between commuting each day or staying in the residence hall.

Looking for a challenge this summer?

Ready to have fun in a supercharged intellectual atmosphere?

Then GERI Summer Camps at Purdue University are for you. Come and discover what the world of knowledge has to offer!

Develop your thinking skills by debating current issues and solving problems.

Investigate the mysteries of the mind and the intricacies of the human body.

Search for the secrets of chemistry, physics, and technology.

Create videos, paintings, models, and Web sites.

Open your mind to new people and ideas.

Venture into new subjects like forensic science, ecology, and robotics.

Experience historical events and international cultures.

Renew old friendships and build new ones.

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July 11–17,
and July 18–24

comet

For students who have *completed* grades 5–6

Cost Per One-Week Session:

Commuter - \$595, Residential - \$950



COMET I – July 11-17

*course
descriptions*

CHEMICAL COMMOTION

Like to make a mess, stir things up, or watch things fly? Then you're going to love this class! We'll use the science of chemistry to create a variety of messy concoctions and make things roll across the floor at the speed of light! Who knew stirring could be so interesting and that flying could be so explosive? It just takes the right stuff to make a truly chemical commotion!

ENGINEERING IN ACTION!

Have you ever wondered what makes a building stand? How can a suspension bridge be solid and move at the same time? Come and explore the engineering design process. This hands-on class will explore many of the principles that underlie structural engineering and how they relate to what you experience in daily life.

MEDICAL SCHOOL MADNESS

Thinking about a career in medicine? Take this course to learn what it's all about! We'll explore the systems of the body and the causes of disease. Learn through hands-on activities, including dissections and field trips, and hear from medical professionals what it takes to get "M.D." added to your name.

MENTAL GYMNASTICS

Are you curious about why people think or act the way they do? Are you interested in topics such as memory, learning, or creativity? Join us in studying the basics of psychology. Through class research and discussion, you will investigate the mysteries of the mind.



PSI: PLANT SCIENCE INVESTIGATION

What makes a fruit a fruit? Do you know where your veggies come from? How can you clone a plant? How do they grow plants in space? Discover the answers to these questions and more in this class! We will look at flowers, fruits, propagate some houseplants, visit a greenhouse, make our own landscape plan, and more fun activities.

THE COMMON SOLDIER IN THE CIVIL WAR

Join the army, march, drill, and cook your food over an open fire. Drill with a real Civil War cannon, join the Signal Corps. to pass messages in code, join the Medical Corps. to perform an amputation, and work as an engineer to perfect entrenchments. This class will include field trips to Indianapolis, Indiana and Springfield, Illinois.

WONDERS OF THE WEB

Work with multiple forms of media to learn about designing and creating Web pages. You will learn to incorporate text, photos, and graphics into your own original Web pages. Use technology to express your ideas and creativity in this fun computer course.

YOUNG ADULT LITERATURE

Does literature accurately represent your real-life experiences? Come and read various stories by adult authors that try to represent what it means to be an adolescent. Use your critical thinking skills to analyze these stories and discuss how well (or poorly) they represent experiences of young people in the modern world.

COMET II – July 18-24

ART OF THE AMERICAS

Enjoy exploring the art and culture of the Incan, Mayan, and Aztec empires, Latin Americans, and other cultures of North America, like the Navajo and Inuit Indians. Discover the artistic mysteries of the Brazilian rainforests and arctic tundra. In this class you will be introduced to the diversity of Indigenous Americans and produce artwork that reflects their cultures.

CRIME FIGHTER SCIENCE

Committing a crime is easy. Figuring out how it was done, much harder! Dig up bones, dust for prints, map out blood spatter patterns, collect mystery fibers, measure bullet trajectory, and test for blood. Learn how to do all this and you WILL be a crime-fighting scientist!

ELECTRONIC ENGINEERING

Have you ever been tempted to take apart the toaster or the telephone? Come explore the internal workings of many of your common electronic gadgets. In this electrifying class, you'll learn basic electronic circuitry and common components that make them work. Look for similarities and differences among all electronic devices on how they work to do what they do.

MIND BENDERS

Are you interested in solving problems and figuring out puzzles or brain teasers? Join us as we learn the fundamentals of logic and problem solving. We will stretch your mind and expand your imagination. By the end of this class, you will be able to create your own mind benders and outwit your friends.

MULTIMEDIA MANIPULATION

Are you a James Bond of technological gadgets? Are you interested in how things like digital cameras, global positioning systems, and television projectors work? Come explore how everyday objects function, in addition to looking at more complex items such as communication satellites. We will also explore different types of computer software and how they do what they do.

MYSTERIES ALL AROUND US

Discover brains in bottles, 150-year-old runes, and walk through cemeteries. Sit in the playroom of the man who ordered the execution of Billy the Kid and John Wilkes Booth. Stand in a forest that has never been logged, pass down city streets, look at twisted metal and fractured glass, and find yourself in jail. Explore these things and more when you learn about Mysteries All Around Us.

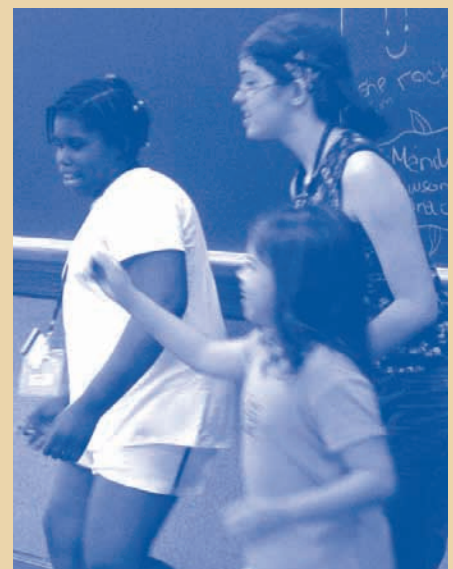
ROLLER COASTER PHYSICS

Whee! Throw up your arms and get ready for roller coaster physics fun! Learn how gravity, torque, and inertia affect the designs of some of the most popular theme park rides, and explore ways to make roller coasters faster, smoother, and unique. Design and build your own mini-roller coaster!

VETERINARY MEDICINE

Veterinary Medicine is one of GERI and Purdue's most popular and competitive programs. Explore the complex world of animal anatomy through extensive dissection, study of animal systems, and ecosystem field work. Come find out what makes animals tick! Register early – this class fills quickly!

"I really enjoyed the dissection and the breast cancer tumor we saw at the Home Hospital, I also thought Rachael was an awesomely awesome teacher. She really taught me how fun the medical field was."



**June 27–July 10
and July 11–24**

star

For students who have **completed** grades 7–8

Cost Per Two-Week Session: \$1,750

Star students choose one morning and one afternoon class.

Star I and II: We offer two, two-week sessions. Enroll in one session, or both. Contact us if you are interested in attending both sessions and will need to stay over in the residence hall between sessions.

*course
descriptions*

STAR I, June 27–July 10 *Morning Classes*

ALL ABOUT ENGINEERING

You will be introduced to the world of engineering in this course, and will learn what aerospace, mechanical, civil, and computer engineers do. Learn about the fundamentals of engineering concepts, methods, and theory through case studies and real-world applications. This course strongly emphasizes engineering design, and concludes with team projects that apply some of the concepts learned in class.

GENETIC GENIUS

Explore the human genome, cloning, DNA, pedigree, and more. Activities and experiments will include creating imaginary clones, mapping our genes, and running a DNA gel. Take this class and find out what makes us who we are and why it is an absolute miracle that we all don't have six arms and one eye in the middle of our heads!

PHYSICAL CHEMISTRY

Explore the world of physical chemistry, including the kinetic theory of gases, statistical thermodynamics, quantum mechanics, atomic and molecular structure, and the properties of ionic phases.

THE U. S. IN THE 20TH CENTURY 1900–1945

Experience the turn of the century, full of promise. Learn about World War I, the roaring 1920s, the Great Depression, and end in World War II. Use simulation to meet progressive politicians, use drama to play out Wilson's 14 Points, reenact the Nuremberg Trials, and role-play the decision to drop the atomic bomb. Find out how the events of the twentieth century foreshadowed events of today.

WHAT DOES SOFTWARE REALLY DO?

You may be familiar with designing Web pages and writing programs with fast development tools, but what does software really do? This course will teach you how computers think and communicate using the language of only 1s and 0s and how they interact with you by human and program languages.

Afternoon Classes

BIOCHEMISTRY

Come explore essential topics important to the study and understanding of biochemistry. This course uses chemical experiments to illustrate the general theories and unifying concepts of biochemistry. Study the chemistry, function, and metabolism of compounds found in living organisms in this hands-on class.

FABULOUS PHYSICS!

Plastic bottles, pipe insulation, old CDs, toothpicks, fishing line, rubber bands, and mousetraps! What do they have to do with Newton and his laws of physics? Everything—as long as you cut, glue, tape, bend, and hold your mouth just right! Come along for the ride and help us use these materials and more to make rockets, cars, bridges, roller coasters, and who knows what else. Why? To learn about Newton and all he discovered in the fabulous world of physics.

LOGIC

From lawyers to computer programmers, philosophers to mathematicians, everyone needs logic. We go from the basics of deductive and inductive arguments to predicate logic, truth trees, and formal proofs. We will also look at basics of philosophical logic and attempt to determine the truth of the universe.



POP ART

This creative class will explore contemporary art and artists. Explore art as an aspect of modern-day culture, and analyze and discuss the works of recognized artists as well as the art of everyday life, from CD covers to movie posters to the Internet. Debate issues of aesthetics and creative expression while creating your own works that explore multiple techniques and media.

THE U.S. IN THE 20TH CENTURY 1945-1999

The Cold War casts its shadow across the international landscape with conflicts in Korea and Vietnam. On the domestic scene the 1960s and 1970s boil with controversy over the issues of civil rights and the Women's Movement. Use simulation to desegregate a lunch counter, drama to explore Vietnam, reenactment to examine the fear of Communists, and role play the changing role of women. Find out how the events of the twentieth century foreshadowed events of today.

STAR II, July 11-24

Morning Classes

2D ILLUSTRATION AND VECTOR ART

Learn how to use computers to create two-dimensional drawings and line art in comic-book style. Discover how to breakdown images into simpler shapes and lines and recreate these basic forms while adding your own styles of weight, color, and blending to the forms. Course projects will include creating a realistic representation of a product and recreating a real comic book page with added embellishments, including color, blending, and 3D effects.

CHEMICAL ENGINEERING

Explore how chemistry and engineering work together. Chemical engineering examines the processes that turn raw materials into valuable products. Experience the skills used by chemical engineers, including design, testing, scale-up, operation, control, and optimization. Is this the field for you?

GNN HEADLINE NEWS

Do you aspire to be a journalist or news anchor? In this course, you will debate journalistic ethics, discuss the effect of media on society, and improve your writing skills. The class culminates in a news show production.

MINGLING WITH THE MASTERS

Have you ever wondered who great artists like Renoir, Van Gogh, and Picasso really were? What forces drove them to create their masterpieces? Learn about the worlds they lived in and the cultures that influenced them. Have your own hands-on quest into the history of art, investigate the aesthetic ideas behind art, and create your own masterpiece based on the Masters' works.

PRE-MED

Get a jump-start on medical school this summer. Study anatomy, physiology, and the causes of disease. Learn about innovative techniques for treating and preventing illness, and explore careers in the rapidly advancing world of medicine.

TOURNAMENT CHESS

Love chess? Why not do competitions as a player, tournament director, or sports writer? In this class, you will learn about different tournament formats, how to direct all types of chess competitions, how to report on chess champions, and about chess photography for Internet publications.

Afternoon Classes

APPLIED CHEMISTRY

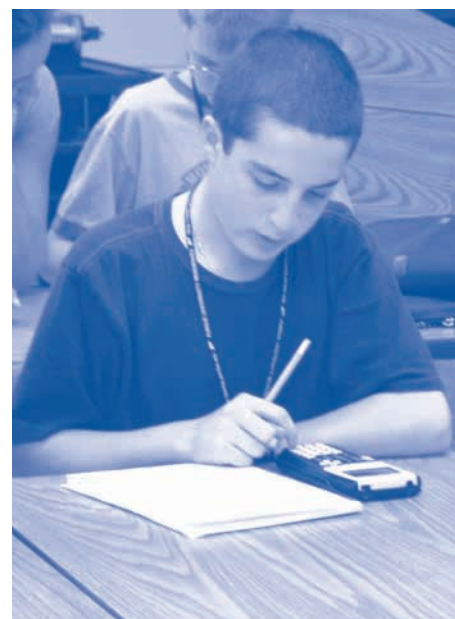
Investigate common experiences by conducting hands-on experiments and applying the principles of chemistry in an interdisciplinary way. Topics will include experimental techniques, spectroscopy, and industrial applications, among others.

ARCHITECTURE AND DESIGN

Learn how architects design and construct buildings using the fundamentals of geometry. In this exciting class, you will develop your creative abilities, teamwork, and problem solving skills as you create architectural blueprints and construct models.

DEBATE: ARGUING WITH STYLE

Debate is a Summer Residential favorite for those who love to argue, want to be a lawyer, or just likes to discuss vital topics in our world. Tackle controversial and important issues, while learning and applying research, argumentation, and problem solving skills. Bring your opinions and be ready to defend and even change them. All thoughts and thinkers welcome!



FLIGHT OF THE SPIRIT

Examine the history of the airplane. Build a variety of early aircraft to demonstrate how the pioneers of aviation tested their aircraft. As a final project, you will work in groups to create a flying model of an airplane. This model will be constructed of various materials similar to what the early designers used.

RELIGION AND CULTURE

This course delves into the unique world of religion and its effects on culture. Investigate different and unique religions, their beliefs, and how each religion perceives the world. This course will provide you with an advanced understanding of different cultures and beliefs and the ways religion impacts world views.

INTRODUCTION TO VETERINARY SCHOOL

Explore the field of veterinary medicine today and in the future. This course provides the student with an opportunity to understand the nature of professional activities, veterinary medical organization, career opportunities, and current issues.

June 27–July 10
and July 11–24

pulsar

For students who have *completed* grades 9–12

Cost Per Two-Week Session: \$1,750

Pulsar students choose one morning and one afternoon class.

Pulsar I and II: We offer two, two-week sessions. Enroll in one session, or both. Contact us if you are interested in attending both sessions and will need to stay over in the residence hall between sessions.

course descriptions

PULSAR I, June 27-July 10 *Morning Classes*

21ST CENTURY JOURNALISM

Explore the world of journalism in a technological age. Use investigative procedures to conduct field research and interviews and turn your data into hard-hitting news stories. This class will interest you if you enjoy digital technologies, writing, and interpersonal communication.

APPLIED MICROBIOLOGY

Explore pathogenic organisms from throughout the human body. Investigate microbial characteristics, pathogenesis, oncogenesis, and ways diseases are transmitted and treated. If you see medical school, nursing, pharmacy, or medical technology in your future, this course is for you!

FINANCIAL MATHEMATICS

Who ever said math couldn't be useful!? Learn about compound interest, budgeting, taxes, and the stock market. From personal finance to stock evaluation, trading, and even options, you will learn the financial math everyone needs to know! Prior knowledge of algebra is required.

INORGANIC CHEMISTRY

Learn about the world of chemistry beyond carbon chemistry and pharmaceuticals. Explore advanced bonding concepts, metallic properties, and transition metal chemistry. Activities will include experimentation with metallic solutions, complexes, and introduction to inorganic synthetic pathways and career options.

PHYSICS OF MACHINES

Investigate the multitude of machines that inhabit our planet. From the simple to the complex, including the automobile, the airplane, the train, bridges, mechanical toys, industrial equipment, and the list goes on and on. Design your own machine and test its function using a variety of construction materials.

Afternoon Classes

ARTISTIC EXPLORATION

Explore all that the arts have to offer in this exciting and fast-paced course! Hone your drawing skills and use them to your advantage as you sail through art forms such as sculpture, print making, painting, and more! Get creative with cartooning, laugh with improv comedy, and become a fashion designer!

CONTROVERSIAL ISSUES

Examine and debate controversial issues related to different fields. Critically evaluate hot issues, and express and defend your opinions.

DIGITAL DESIGN

Make posters that pop and magazine layouts that sizzle using professional digital design tools like Adobe Photoshop and InDesign. Learn to think like a graphic designer and communicate with color, images, font, and text.

HUMAN ANATOMY

Have a strong interest in biology? Think medical school might be on your horizon? Come focus exclusively on learning human anatomy through hands-on work with prosected human cadavers. Taught in conjunction with the Indiana University School of Medicine, you will cover material similar to that of first-year medical students in actual med school labs and classrooms. If you are considering this course, you should be comfortable with dissection.



ROBOTICS

Want to design a robot? Get hands-on experience in the design and fabrication of robotics in this course. Through this process you will have experiences in basic design, systems of manufacturing, mechanics of electronics, and problem solving. Robotic software programming and design will also be explored.

PULSAR II, July 11-24 *Morning Classes*

ALIENS: FACT OR FANTASY?

Venture into the realm of the extraterrestrial as you study the biology of science fiction through genetics, cellular chemistry, ecology, and change over time. Is it possible for life to exist on other planets and how would their biology differ from the biology of life on Earth? Design and model your own ideas of alien life forms and create a scenario of their existence on a distant planet.

GAME DEVELOPMENT

What does it take to create a great video game? Explore the world of game developers in this intensive, interdisciplinary class. Working in your own development “company,” use your creativity to develop compelling characters, settings, and involving story lines. Learn graphics and animation software to create images for your games, and develop an advertising campaign to bring your game to market.

ORGANIC CHEMISTRY

Study the reaction and synthesis of organic compounds. Investigate experimental techniques in organic chemistry: separation, purification, preparation of organic compounds and identification (spectroscopy), and reactions of nonaromatic hydrocarbons and alkyl halides.

POLITICS AND PERSUASION

Learn how responsible citizens can use research to make informed decisions on policy in our country. Investigate the political process and how candidates try to influence the vote through persuasion. Try your hand at politics by participating in a political debate and election.

ROCKETRY AND SPACE EXPLORATION

What does it take to send a vehicle on an interplanetary voyage? In this class, you will build your own sub-orbital rocket using principles of impulse, gravity, drag, and aerodynamics, and develop a fundamental understanding of the concepts involved in planning a mission beyond Earth.

THE PHYSICS AND MATH OF MUSIC

What is sound? What makes a series of notes music instead of noise? Combine mathematics and physics with music theory to understand how instruments and vocalists create music. Look at overtones, scales and chordal structures, and musical techniques. A “must have” course for any musicians. Prior musical knowledge recommended.

TOURNAMENT CHESS

Love chess? Why not do competitions as a player, tournament director, or sports writer? In this class you will learn about different tournament formats, how to direct all types of chess competitions, how to report on chess champions, and about chess photography for Internet publications.

Afternoon Classes

ABNORMAL PSYCHOLOGY

Interested in unusual or deviant behavior? Abnormal Psychology will provide you with an overview of the field of mental disorders and their treatments, along with a history of how these disorders have been conceptualized and treated in the past. Topics include characteristics of mental disorders, causes of mental disorders, and an overview of the treatments available for the disorders.

ARGUING BEFORE THE SUPREMES

Explore the history and practice of America’s highest court of law, the Supreme Court. Study landmark Supreme Court cases that have shaped the nature of American jurisprudence. Examine the legal implications of current cases before the Court as well as the journey these cases took to get to the court. Learn how lawyers prepare to argue before the Supreme Court and test your ability to make legal arguments in mock Supreme Court trial scenarios.

BIOENGINEERING

Explore the rapidly-evolving science of genetics. Topics in this course will include genetic therapy, the debate over genetically-modified foods, ethics and issues in research, and career options in bioengineering and genetic science. Applications for health care, agriculture, and technology will be discussed and utilized for a final project.

INVESTIGATING CHEMISTRY

The role of science in criminal investigations has inspired hit television shows and is captivating millions of people. Study forensic chemistry concepts: evidence collection and preservation, chemical evidence, drug chemistry, the chemistry of explosions, and dirty bombs and nuclear terrorism.



MATHEMATICS AND CRYPTOGRAPHY

Examine the algorithms used to protect data: secret key, public key, and hash functions. Using number theory (modular arithmetic, primes and factorization, powers, etc.), as well as an introduction to linear algebra and basic graphical encoding, we will look at the mathematics behind codes.

RUBE GOLDBERGINEERING

Do you enjoy building machines and inventing new solutions to problems? Come join a design team to brainstorm and build creative contraptions to solve everyday problems in complex ways. This course will use hands-on learning to emphasize science, technology, and engineering concepts.

TO CLONE OR NOT TO CLONE

Explore the science of cloning and how it has impacted our foods and medicines. Investigate the genetic engineering of animals, genetically modified foods, and the human genome. Design an organism and describe its function and place in the environment.



"The counselors were great and I had a lot of fun with them."

Program

details

No-Show Policy

Students who register for the program but do not attend will still be charged the full tuition amount unless we receive a cancellation request in writing two weeks before the start of the camp.

Social Life

The residence hall is the social hub of GERI Summer Camps for residential students. Lounges and common areas located in the halls give students places to play music and games, watch movies, share a snack, read a book, collaborate on projects, or even do their laundry. Computer labs in the residence hall help students with their coursework and provide a place to send e-mail to family and friends back home.

Supervision

Key-card building access and 24-hour residence hall staff help summer students feel comfortable and secure. Comet students never leave the residence hall without staff supervision. Staff members supervise activities and field trips away from the residence hall, and staff members are always available to students who choose to stay in the residence hall during afternoon activities.

Star and Pulsar students can leave the residence hall only in pairs, after signing out with their counselor. Unless they are with a staff member, students may not go beyond the academic campus and the small shopping area near the residence hall.

Tuition

The program fee covers room and board, tuition, textbooks and course materials, limited medical insurance, and a program T-shirt. The fee does not cover incidental expenses, optional afternoon or weekend activities,

or transportation to and from Purdue University.

A nonrefundable tuition deposit of \$100 per program is due with the application.

Tuition (per session)			
COMMUTER COMET	RESIDENTIAL COMET	STAR	PULSAR
\$595	\$950	\$1,750	\$1,750

A refund will be made only if the student is not accepted into the program. A late fee of \$50 will be added to your bill if the application is received after May 21, 2010. Acceptance into the program is contingent upon eligibility and class availability.

Payment in full, including any late fees, is due one month before the program begins. Payments can be made via check, money order, VISA, MasterCard, and Discover. No cash will be accepted.



Refunds

Students who withdraw prior to two weeks before the program begins will receive a refund equal to any paid tuition less the \$100 deposit. Students who withdraw within the two-week period prior to the beginning of the program will receive a refund of any paid tuition less \$325 for Comet and less \$625 for Star/Pulsar. Once a program begins, no refunds will be made.

If a class is canceled by GERI, and the student chooses not to enroll in another class or program, any tuition paid (including deposit) will be refunded. Purdue University will not be responsible for any incidental expenses or transportation charges incurred by applicants whose program or class is canceled.

Financial Aid

GERI provides a limited number of partial scholarships to students from low-income families. These scholarships are distributed according to financial need and cover only part of the program cost.

To be considered for financial aid, a student must submit a complete application, including the financial aid section, and meet program eligibility criteria. Students who meet the criteria are eligible to receive awards on a first-come, first-served basis. Applications for financial aid will not be considered before a complete application is submitted and program eligibility is established.

Because funds are limited and the demand for financial assistance exceeds our resources, we strongly recommend submitting an application as early as possible.

Qualifying for financial aid in a previous program does not guarantee aid in subsequent programs.

Daily Schedule	
7:30-8	Breakfast
8:30-11	Morning class
11:30-12:30	Lunch
1-3:30	Afternoon class
3:30-5	Recreational activities/free time/study time
5-6	Dinner
6-7	Personal time
7:00-9:15	Evening class/activity sessions
9:15-11	Free/study time, group activities
11	Lights out/bed check (midnight on weekend)

Program Schedule

Comet, Star, and Pulsar students should check in between noon and 2:30 p.m. Eastern time on the Sunday their program begins, and check out by 11:30 a.m. on their final Saturday. This year, July 4 falls on the first Sunday of Star I and Pulsar I. Students will have the opportunity to see the local fireworks display and participate in an evening social activity.

Medical Care

Medical information and permission for treatment will be collected from participants. Parents will be notified of any medical emergency or illness as soon as possible. Limited program medical insurance covers most basic costs, including emergency hospitalization, but any additional medical expenses or expenses related to existing or self-inflicted conditions are the responsibility of the parents. An adequate supply of prescription medication should be brought in the original container.

Travel to Purdue

By Car: West Lafayette is just off I-65 between Indianapolis and Chicago. See our Web site for more detailed directions.

By Plane: Fly into the Indianapolis International Airport. Check with your airline for their policy regarding unaccompanied minors. Shuttle service to Purdue University is offered by Lafayette Limo (www.lafayettelimo.com, 765-497-3828) for \$50, roundtrip. GERI offers airport transportation for a fee of \$60, roundtrip, payable when the application and deposit are submitted. E-mail geri@purdue.edu at least one month prior to your program's start date to confirm arrangements.

By Train: Amtrak has a train station located approximately 10 minutes from campus (www.amtrak.com). GERI will provide transportation from the train station to camp free of charge. E-mail geri@purdue.edu at least one month prior to your program's start date to confirm arrangements.

Living at Purdue

A fun social experience is just as important as the academic side of GERI Summer Camps. Our friendly, experienced counseling staff works hard to create an environment in which all students feel safe, comfortable, and right at home.

Accommodations

Students live in residence halls on the safe, friendly West Lafayette campus of Purdue University. Located just a short walk from students' classes, libraries, computing centers, and recreational facilities, the residence halls are fully air-conditioned and easily accessible to students with physical disabilities. All student rooms have phones with individual, direct phone numbers.

Roommates

Each participant will be paired with a roommate. Male and female students are housed on separate floors of the building, and no visits to opposite-gender floors are allowed. **Roommate requests must be mutual and the names must be e-mailed to GERI@purdue.edu by both individuals no later than June 4.**

Counselor Support

All students are assigned to small counseling groups. With a student to staff ratio of ten to one, or less, students have



constant access to friendly counselors. Counselor rooms are interspersed with student rooms, so that they are always just a few steps away.

Dining

Students enjoy eating and socializing in the award-winning Purdue dining courts, which offer something for everyone. The cafeteria serves a varied menu of hot meals, a salad bar stocked with fresh fruits and vegetables, juices and soft drinks, cereals, and sandwiches. Even picky eaters or those with special dietary needs will have an appetizing variety of healthy foods from which to choose.

Program Overview				
PROGRAM	GRADE	JUNE 27 – JULY 10	JULY 11–17	JULY 18–24
Comet I	5–6		★★★★★	
Comet II	5–6			★★★★★
Star I	7–8	★★★★★★★★★★		
Star II	7–8		★★★★★★★★★★	
Pulsar I	9–12	★★★★★★★★★★		
Pulsar II	9–12		★★★★★★★★★★	

Admission

requirements

GERI Summer Camps are designed for talented students who have demonstrated an ability to succeed academically or artistically and are motivated to strive for additional challenges.



New Students

1. Complete program application form on pages 11 - 12.
2. A one- to two-page essay or alternative media (such as a Web site, PowerPoint presentation, or art portfolio) statement that addresses your desire and motivation to participate in the Summer Residential program. Use the following questions as guidelines:

1. Why did you select the class(es) you have chosen?
2. In what ways do you think you will benefit from the program?
3. Why do you want an academic and/or artistic challenge?
4. If accepted, what will you contribute to the success of the program you attend?

Minimum Eligibility Criteria

MATH AND READING ACHIEVEMENT TEST RESULTS	IQ TEST SCORE	GRADES
90TH PERCENTILE	120	A-, B+ GPA OR EQUIVALENT

3. Please provide **TWO** of the following documents:

- Student grade transcript showing a GPA of 3.5/4.0 (B+) in the talent area related to the applicant's choice of GERI class(es). Grades may be from the most recent year or cumulative.
- Individual or group intelligence test results with a minimum score of 120. Please submit results from the test company or school.

- National or state achievement or aptitude test results at or above the 90th percentile in a specific area of study. These tests must provide comparison scores and percentile rankings, not percentages correct. Examples include ITBS, I-STEP, CAT, MAT8, Midwest Talent Search, SAT, PSAT, ACT, or PLAN tests. Please submit test reports.
- Recommendation letter from a teacher or mentor in the talent area. This letter must address specific examples of the student's performance, experiences, and potential in the talent area of the class(es) he or she has selected.
- Documentation of involvement in the talent area. Such documentation can include awards, certificates, service, or recognition letters documenting involvement.

Returning Students

1. Complete program application form on pages 11 - 12.
2. A one- to two-page essay or alternative media (such as a Web site, PowerPoint presentation, or art portfolio) statement that addresses your desire and motivation to participate in the Summer Residential program. Use the following questions as guidelines:

1. Why did you select the class(es) you have chosen?
2. In what ways do you think you will benefit from the program?
3. Why do you want an academic and/or artistic challenge?
4. If accepted, what will you contribute to the success of the program you attend?



GERI Summer Camps

application

I am applying for the following program (choose one):

- COMET - (for those who have completed grades 5-6) 7214-10YR-KW
- STAR - (for those who have completed grades 7-8) 7216-10YR-KW
- PULSAR - (for those who have completed grades 9-12) 7215-10YR-KW

www.purdue.edu/geri

Side 1

Registration opens 2/5/2010.

In order to be considered for your chosen program, you must complete both sides of this application and return along with:

(1) Student essay or alternate media; (2) Two of the academic eligibility documents; (3) \$100 deposit; (4) \$60 transportation fee, if applicable.

International students must send all immigration documents with their application by 04/9/2010.

GERI reserves the right to cancel programs at any time. Purdue University is not responsible for costs incurred due to cancellation.

Return to:

GERI Summer Camps
Purdue University
Beering Hall, Room 4133
100 North University Street
West Lafayette, IN 47907-2098

Fax: (765) 496-2706

Applicant Information

Name _____
Last First Middle Initial

Ethnicity (optional/check one)

- Native American/Alaskan Native
- Multi-Racial
- Pacific Islander
- Caucasian, Non-Hispanic
- Hispanic
- Asian
- African-American, Non-Hispanic
- Other

Gender _____ Grade 2009–10 _____ Home Phone (_____) _____

Mailing Address _____

City _____ State _____ ZIP _____

Check all blanks that apply:

- I have participated in a previous session of the summer programs at Purdue.
- I require auxiliary aids and services due to a disability. Details are attached.
- I am applying for financial aid. (To be considered for aid, you must also return the Financial Aid Application.)

Applicant's Adult T-shirt Size included in tuition price (circle one): S M L XL XXL XXXL

Parent/Legal Guardian Information

Parent/Legal Guardian Name _____

Work Phone (_____) _____ Cell (_____) _____

Parent/Legal Guardian Name _____

Work Phone (_____) _____ Cell (_____) _____

E-mail Address *required* _____

I am willing to help students who cannot afford the tuition for the Summer Residential Program. Please contact me.

Please indicate below how you received this brochure.

- Friend
- Have you participated in the Midwest Talent Search (past 12 months)
- School Counselor
- Mailed to your home
- School Teacher
- GERI Web site
- Other (please specify): _____

An equal access/equal
opportunity/
affirmative action
university

GERI Summer Camps application

Side 2

Course Preferences

Please follow these instructions carefully:

1. Check the box next to each Summer Camp session you plan to attend.
2. Mark your 1st, 2nd, 3rd choices in the blank next to the class name (1 = first choice, 2 = second choice, etc.). If you plan to attend multiple sessions (e.g., Star I and Star II), list a first, second, and third choice for each session you plan to attend.

Late fee:

A \$50 late fee will be charged if this application is post-marked after May 21.

Before sending:

Have you included the following required items (see page 10):

1. Completed application
2. Student essay or alternate media
3. Two of the academic eligibility documents
4. \$100 deposit
5. \$60 transportation fee, if applicable.

Return to:

GERI Summer Camps
Purdue University
Beering Hall, Room 4133
100 North University Street
West Lafayette, IN 47907-2098

Fax: (765) 496-2706

COMET–SN7214 (completed grades 5–6)

Comet I, July 11–17 Commuter (\$595)

Comet I, July 11–17 Resident (\$950)

- _____ CHEMICAL COMMOTION
- _____ ENGINEERING IN ACTION!
- _____ MEDICAL SCHOOL MADNESS
- _____ MENTAL GYMNASTICS
- _____ PSI: PLANT SCIENCE INVESTIGATION
- _____ THE COMMON SOLDIER IN THE CIVIL WAR
- _____ WONDERS OF THE WEB
- _____ YOUNG ADULT LITERATURE

Comet II, July 18–24 Commuter (\$595)

Comet II, July 18–24 Resident (\$950)

- _____ ART OF THE AMERICAS
- _____ CRIME FIGHTER SCIENCE
- _____ ELECTRONIC ENGINEERING
- _____ MIND BENDERS
- _____ MULTIMEDIA MANIPULATION
- _____ MYSTERIES ALL AROUND US
- _____ ROLLER COASTER PHYSICS
- _____ VETERINARY MEDICINE

STAR–SN7216 (completed grades 7–8)

Star I, June 27–July 10 (\$1,750)

Morning

- _____ ALL ABOUT ENGINEERING
- _____ GENETIC GENIUS
- _____ PHYSICAL CHEMISTRY
- _____ THE U. S. IN THE 20TH CENTURY 1900–1945
- _____ WHAT DOES SOFTWARE REALLY DO?

Afternoon

- _____ BIOCHEMISTRY
- _____ FABULOUS PHYSICS!
- _____ LOGIC
- _____ POP ART
- _____ THE U.S. IN THE 20TH CENTURY 1945-1999

Star II, July 11–24 (\$1,750)

Morning

- _____ 2D ILLUSTRATION AND VECTOR ART
- _____ CHEMICAL ENGINEERING
- _____ GNN HEADLINE NEWS
- _____ MINGLING WITH THE MASTERS
- _____ PRE-MED
- _____ TOURNAMENT CHESS

Afternoon

- _____ APPLIED CHEMISTRY
- _____ ARCHITECTURE AND DESIGN (STAR)
- _____ DEBATE: ARGUING WITH STYLE
- _____ FLIGHT OF THE SPIRIT
- _____ RELIGION AND CULTURE
- _____ INTRODUCTION TO VETERINARY SCHOOL

PULSAR–SN7215 (completed grades 9–12)

Pulsar I, June 27–July 10 (\$1,750)

Morning

- _____ 21ST CENTURY JOURNALISM
- _____ APPLIED MICROBIOLOGY
- _____ FINANCIAL MATHEMATICS
- _____ INORGANIC CHEMISTRY
- _____ PHYSICS OF MACHINES

Afternoon

- _____ ARTISTIC EXPLORATION
- _____ CONTROVERSIAL ISSUES
- _____ DIGITAL DESIGN
- _____ HUMAN ANATOMY
- _____ ROBOTICS

Pulsar II, July 11–24 (\$1,750)

Morning

- _____ ALIENS: FACT OR FANTASY?
- _____ GAME DEVELOPMENT
- _____ ORGANIC CHEMISTRY
- _____ POLITICS AND PERSUASION
- _____ ROCKETRY AND SPACE EXPLORATION
- _____ THE PHYSICS AND MATH OF MUSIC
- _____ TOURNAMENT CHESS

Afternoon

- _____ ABNORMAL PSYCHOLOGY
- _____ ARGUING BEFORE THE SUPREMES
- _____ BIOENGINEERING
- _____ INVESTIGATING CHEMISTRY
- _____ MATHEMATICS AND CRYPTOGRAPHY
- _____ RUBE GOLDBERGINEERING
- _____ TO CLONE OR NOT TO CLONE

Travel Information

I will need to be picked up at the Indianapolis International Airport and will e-mail GERI at geri@purdue.edu at least one month prior to my program's check-in date to make transportation arrangements (additional cost of \$60 is payable when the application and \$100 deposit are submitted).

I will make my own transportation arrangements.

Payment Method

 Payment in full is due one month before the program starts.

Total Enclosed \$ _____

Enclosed is a check made payable to Purdue University.

Please charge to my: VISA MasterCard Discover American Express

Credit Card Number _____ Expiration Date _____

Printed Name _____

Signature _____

Financial Aid

application

Child's Name _____

Parent/Guardian Name _____

Home Phone (_____) _____ Work Phone (_____) _____

All amounts should be the total for the 2009 calendar year.

- 1. Adjusted gross income _____
- 2. Taxable income _____
- 3. Total Social Security benefits for 2009 _____
- 4. Total AFDC and/or ADC for 2009 _____
- 5. Child support received for all children _____
- 6. Number of household members
a. Yourself ____ b. Spouse ____ c. Dependents ____
Total of a, b, and c _____

I certify that the information supplied above is accurate.

Parent/Legal Guardian Signature _____

Please return this completed form along with your application and eligibility documentation to:

GERI Summer Camps
Purdue University
Beering Hall, Room 4133
100 North University Street
West Lafayette, IN 47907-2098
Fax: (765) 496-2706

PURDUE

UNIVERSITY

GERI SUMMER CAMPS

Gifted Education Resource Institute
Beering Hall, Room 4133
100 North University Street
West Lafayette, IN 47907-2098
(765) 494-7243 Fax (765) 496-2706

www.purdue.edu/geri

GERI would like to thank all of our friends and donors for their generosity!

