ENRICHMENT PROGRAMS FOR GIFTED, CREATIVE, AND TALENTED YOUTH

Summer Camps

Programs for students who have just completed grades 5-12

2020

IN ASSOCIATION WITH

College of Education

Purdue University

Gifted Education Research & Resource Institute

IN ASSOCIATION WITH

Purdue Honors College

www.purdue.edu/geri
The Gifted Education Research and Resource Institute (GER2I) at Purdue University is an innovative center dedicated to the discovery, study, and development of human potential. Founded by John Feldhusen in 1974, GER2I’s mission is holistic development of giftedness, creativity, and talents among individuals throughout their lifespan. This is accomplished through enrichment programs for gifted, creative, and talented youth; graduate programs for future scholars and leaders; professional development and coursework for educators of gifted, creative, and talented students; and cutting-edge research in psychology and education related to giftedness, creativity, and talent development. GER2I’s work encompasses:

- Researching gifted education and the psychology of talent development
- Educating professionals from around the world to promote the development of gifted, creative, and talented individuals
- Providing services and special programs for gifted and talented individuals and their families

Contact Information:

geri@purdue.edu
(765) 494-7243
www.purdue.edu/geri

Purdue Gifted Education Research and Resource Institute

GER2I STAFF
Dr. Marcia Gentry, Executive Director
Dr. Kristen Seward, Associate Director
Aakash Chowkase, Program Coordinator
Abdullah Tuzgen, Residential Life Coordinator
GER²I has been serving gifted, creative, and talented students since its founding in 1974 and hosting summer residential enrichment programs since 1977. Every summer, students like you come to Purdue University and experience programs designed to stimulate their imaginations and expand their abilities. We also offer a variety 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 GER²I Summer Camp:

**Intellectual Challenge** - GER²I classes are small, challenging, fast-paced, and interactive.

**Talented and Caring Staff** - Our teachers thrive on sharing their knowledge and experience with students.

**Outstanding Facilities** - Purdue is a world-class research university, and GER²I students have the use of state-of-the-art laboratories, computing facilities, and a variety of libraries.

**Friendships** - GER²I attracts a diverse group of gifted, talented, and creative people from all over the world! You will find friends who share your interests and love of learning.

**Personal Growth** - With supervision, guidance, and support from the GER²I staff to help you adapt and thrive, you will live in residence halls, learn in university classrooms and labs, and take advantage of Purdue’s cultural and recreational facilities, just like college students.

**Fun** - GER²I camp counselors make time outside of class exciting through activities like a night at the movies, basketball, bowling, scavenger hunts, games and tournaments, trivia, and field trips.

“The people all around the camp with different experiences and life views made it easy to interact with our peers and make good friends.”

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COMET
June 28-July 4 and July 5-11

For students who have completed grade 5 or 6
Comet students may commute daily or stay in the residence hall.

COST PER ONE-WEEK SESSION:
Commuter - $900, Residential - $1200

See the Financial Information section on page 15 for multiple session, sibling, Purdue employee, and refer-a-friend discounts.

Early Bird Discount! Register by March 1st and receive a 5% discount!

Please select a class for the session(s) you would like to attend.

course descriptions

COMET I: June 28-July 4

Become an Eco Superhero
Want to rescue the world from climate change and limited resources? Even small, individual actions can add up to big results. Become an eco-hero of tomorrow and develop simple methods of making a difference right in your own backyard, from rain harvesting and beekeeping to eco-shopping and waste reduction. Turn your own space into a pollinator-friendly landscape using recycled materials.

Crime Scene Investigation (C.S.I.)
Explore the skills used by criminal investigators to solve crimes through hands-on activities in observation, fingerprint analysis, DNA, “blood” spatter, and handwriting analysis. Build a set of skills that will enable you to use critical thinking and problem solving to investigate crimes and determine the appropriate methods needed to crack the case.

Electromagnetic Claw Game: Diggin’ For Fools’ Gold
Claw games are rigged! Discover how claw games found at arcades or shopping malls are often rigged so that players are very unlikely to win. Galactic Games Inc. needs you to help redesign the game to increase players’ chances of winning while keeping the game challenging and fun! Join this engineering problem-solving course and sharpen your physics, magnet science, robotics, and geometry skills!

Stop-Motion Filmmaking
How are stop-motion films like Coraline, The Nightmare Before Christmas, and Kubo and the Two Strings produced? Create your own stop-motion cartoon using narrative storyboards, sound effects, music, and animation techniques. Experience filmmaking with the same editing equipment used by professional filmmakers. You might even learn some math and science through set design and lighting effects.

3D Geometric Design in Math
Set sail on a mathematical journey through exciting, interactive activities. Design intricate mosaics with a compass and straight edge, make mathematical models with paper, solve hands-on puzzles, create Escher-style artwork, and participate in number-sense math games.
course descriptions

COMET II: July 5-11

Become an Eco Superhero
Want to rescue the world from climate change and limited resources? Even small, individual actions can add up to big results. Become an eco-hero of tomorrow and develop simple methods of making a difference right in your own backyard, from rain harvesting and beekeeping to eco-shopping and waste reduction. Turn your own space into a pollinator-friendly landscape using recycled materials.

Crime Scene Investigation (C.S.I.)
Explore the skills used by criminal investigators to solve crimes through hands-on activities in observation, fingerprint analysis, DNA, “blood” spatter, and handwriting analysis. Build a set of skills that will enable you to use critical thinking and problem solving to investigate crimes and determine the appropriate methods needed to crack the case.

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Storytelling, Game Design, and Animation with Scratch™
Scratch™ is an intuitive software program that transforms ideas into challenging games using storytelling and animation. Think like a computer as you develop and analyze algorithms to bring stories to life. Develop your creative, analytical, and critical thinking as you work collaboratively to animate characters, tell a story, make music, and create interactive games.

World of Spies: Keeping Secrets
How safe is your personal information? Has Siri or Alexa ever talked to you without prompting? Government and corporate espionage and data collection on everyday people are hot topics in our world today! Learn about code-making and breaking, encryption, logical thinking and more as you uncover the secrets of high-profile crimes using your own detection skills.
For students who have completed grade 7 or 8

COST PER TWO-WEEK SESSION:
Residential - $2400

See the Financial Information section on page 15 for multiple session, sibling, Purdue employee, and refer-a-friend discounts.

Early Bird Discount! Register by March 1st and receive a 5% discount!

Please select one morning class and one afternoon class for the two-week session(s) you would like to attend.

course descriptions

STAR I AM: June 28–July 11

Building Mechanical Mechanisms
What do gears and escapements have in common? Have you ever used a kinematic chain to move objects? Use common objects such as paper, cardboard, and wooden dowels to create working models of mechanical mechanisms. Experiment with the fundamentals of physics and combine well-known mechanisms to create multipart machines that enhance human efficiency.

Find Yourself in Yoga and Art
Look inward in search of your true self and then express yourself through art. Learn the foundations of yogic practice, meditation, and contemplation to connect your inner self to your outward identity. Enhance your artistic and creative skills as you design an artistic self-portrait that reflects your self-discovery. Develop 21st-century success skills, such as self-awareness, coping skills, and social awareness.

Serious Gaming for the 21st Century
Did you know that “serious games” refer to any games that do more than simply entertain? Exercise your teamwork, problem-solving, and goal-directed muscles as you engage in competitive and collaborative electronic or tabletop games with a greater purpose. Consider how serious gaming can enhance skills and future career possibilities in computer game technology, media and communications, and education.

STEAM Labs™
Students, engineers, artists, and hobbyists around the world now design and build Rube Goldberg-style machines to satisfy society’s fascination with the creative contraptions. Apply the engineering design process to construct STEAM Machines (i.e., chain reaction machines that run on STEM and Art concepts) using everyday objects and technology such as motors, sensors, and micro-controllers. Gain experience with systems thinking and multi-team collaboration as you learn real-world engineering skills and start exploring pathways to careers in engineering.

The World According to Harry Potter
Explore the intricacies of Harry Potter and the factors that helped create the Harry Potter phenomenon. Study the creative process behind the fantasy genre and consider how fantasy can effectively address real-world topics and universal themes. Play games, make a wand, and design your own wizarding school as you examine how society influenced and has been influenced by the series.

Pre-requisite: Must have read/watched the Harry Potter series.

STAR I PM: June 28–July 11

Lights! Curtain! Action!
Attending live theatre productions can be magical. Yet, before a show is audience-ready, much preparation and effort are spent taking the script from the page to the stage. Join our cast and experience theatrical directing as we explore the creativity and organization involved in putting on a show.

Psychobabble: Let’s Talk Neuroscience!
Step into the world of a neuroscientist with interactive demonstrations that test the power and limitations of the brain. This class will collaborate with a Purdue research lab and record brain activity in real time. Get up close and personal with a real brain and gain an understanding of how it functions. Use technology to create your own optical illusion and simulate brain responses.

The Wonders of Light
Did you know that fiber optics use light to transfer information at rates much faster than electricity? Have you ever wondered how different camera lenses work together to recreate stunning images? Join us as we conduct hands-on experiments in a high-tech physics lab to explore optics and cutting-edge applications that enhance the performance of devices we use every day.

Toy Design and Prototyping
Ever wonder how fun, play, and basic physics are combined in toy design? Discover how simple toys work and with fellow toy designers, engage your imagination as you create sketches of potential toys and engage in engineering competitions. Learn how to use computer-aided design tools to create one of your toys using laser cutting and 3D printing. Showcase your new funology knowledge, design thinking, and maker skills as your group demonstrates your toy in our 6th Annual GER! Toy Fair!

Spaceflights and Space Stations
Long before humans explored outer space, they dreamed of one day living there. A solid understanding of the laws of motion in space and the physics principles of space flight, such as rocket propulsion, thrust, and drag are key to survival. Conduct your own exploration of the history of space stations and scientists’ plans for space inhabitation. Design your own extraterrestrial society that addresses important questions like how to eat, breathe, live, and work in outer space.
Acting Out!
Come experience the magic of the theater. Explore the fundamentals of stage acting and enhance your communication, creativity, and collaboration skills. Engage in theatrical exercises used by professionals and learn specific techniques that bring life to characters, scenes, and scripts.

Blast off! An Exploration into Astronomy
Explore science, engineering, and space with us. Learn about planet mapping, the existence of “aliens,” the solar system, spacecraft design, and more. Develop research skills, including experimentation and data collection, while completing a variety of hands-on activities as we take a telescopic look at space, space exploration, and the science behind them.

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Did you know that “serious games” refer to any games that do more than simply entertain? Exercise your teamwork, problem-solving, and goal-directed muscles as you engage in competitive and collaborative electronic or tabletop games with a greater purpose. Consider how serious gaming can enhance 21st-century skills and future career possibilities in computer game technology, media and communications, and education.

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Building Mechanical Mechanisms
What do gears and escapements have in common? Have you ever used a kinematic chain to move objects? Use common objects such as paper, cardboard, and wooden dowels to create working models of mechanical mechanisms. Experiment with the fundamentals of physics and combine well-known mechanisms to create multipart machines that enhance human efficiency.

Exploring the World with Geographic Information Systems (GIS)
Unlike early explorers who drew maps by hand, we can become master cartographers today in a matter of hours using GIS. Equipped with global positioning system (GPS) equipment, join a scavenger hunt to identify special locations around campus and employ your creativity as you construct a digital map of Purdue University. Tell your story using geographic data analyzed and displayed through cool GIS software. Discover future careers involving geospatial tools and techniques, including geomatics engineering and digital map production.

From Donkey Kong to Pikachu
From Donkey Kong to Pikachu or sushi to emoji, Japanese popular culture has completely permeated American society. As a form of soft power, these cultural products influence how other countries perceive Japan as a nation. In this class, you will explore the historical, social, and artistic origins of Japan’s popular culture.

Psychobabble: Let’s Talk Neuroscience!
Step into the world of a neuroscientist with interactive demonstrations that test the power and limitations of the brain. This class will collaborate with a Purdue research lab and record brain activity in real time. Get up close and personal with a real brain and gain an understanding of how it functions. Use technology to create your own optical illusion and simulate brain responses.

Strategy and Tactics in the Game of Go
Are you an aspiring strategist? Do you fancy yourself as a master tactician? Push your skills to the limit with one of the oldest and most complex board games in the world. In this abstract board game, two players compete to assert control over the board. Learn to play Go as we study its role in history, art, and politics. Through its rich mathematical foundations, we will examine the fierce struggle between modern Artificial Intelligence methods and professional Go players’ winning strategies.
Biomedical Instrumentation
Have you wondered how a Fritos works or how a hospital patient’s monitor can detect a heart rate and other vital systems? Let’s explore the medical terminology and designs that bring these instruments to life and develop them ourselves with hands-on, project-based learning. Learn how engineering design can improve your health!

Ecotoxicology: The Riddles of Pollution
The road to a safer and cleaner planet is at your fingertips! Step into the Ecotox Zone and apply your scientific logic and critical thinking skills to address real-world problems associated with pollution. Work collaboratively to design, implement, and execute toxicological experiments, while also learning to synthesize, analyze, and interpret data. By the end of the course, you should be able to think like an ecotoxicologist and understand how xenobiotics (pollutants) affect ecosystems at several levels of biological organization.

Find Yourself in Yoga and Art
Look inward in search of your true self and then express yourself through art. Learn the foundations of yoga practice, meditation, and contemplation to connect your inner self to your outward identity. Enhance your artistic and creative skills as you design an artistic self-portrait that reflects your self-discovery. Develop 21st-century success skills, such as self-awareness, coping skills, and social awareness.

High-Speed Global Problem Solving
Apply high-speed global problem solving to important college-ready topics, such as SAT readiness, environmentalism, celebrity culture, social media, and college essay writing. Step into the shoes of a college student and use your collaborative powers to respond to real-world situations by integrating several disciplines, including leadership, humanities, technology, management, ethics, and current events. Race against the clock to create collaborative solutions to case-based dilemmas alongside your GER®/I classmates.

Medieval Minecraft
Learn medieval European history, feudal economics, and social structure through lively lectures, games, and other immersive activities—and play Minecraft! Plague, invasion, and political upheaval were all part of life in the Middle Ages, but can a game capture all of these nuances? Build a functioning castle in Minecraft, along with the lands, dwellings, and businesses that surround it. Challenge yourself to recreate the most authentic medieval world while operating within the parameters of the game.

Subversive Stories: The Real Lessons from Children’s Literature
Children’s stories always seem so sweet and kind until you read deeper—then it’s clear children’s literature often challenges adult values and perspectives rather than reinforces them. Together we will read and analyze several books and discover for ourselves the subtle or hidden messages they send about subversion, revolution, and society’s functions.

A Planet-sized Problem: Can We Change?
The current climate crisis affects all human beings on the face of the planet. Become a citizen scientist by engaging in labs, movie screenings, community activities, and discussions with faculty experts. Use mathematical modeling software to compute carbon footprints. Join the global youth initiative in a social media campaign to fight climate change and influence international policy for our sustainable future.

Leadership 101
Do you want to make a difference in your own community, become the CEO of a multinational company, or become the president of a country one day? If so, you are going to need a toolbox of essential, well-developed skills all leaders must possess. Participate in interactive scenarios and other activities that will launch you on a journey to discover the leadership potential inside of you.

Lights! Curtain! Action!
Attending live theatre productions can be magical. Yet, before a show is audience-ready, much preparation and effort are spent taking the script from the page to the stage. Join our cast and experience theatrical directing as we explore the creativity and organization involved in putting on a show.

Python® Programming for the Future
Do you want to be a 21st-century programmer? Here is the opportunity you have been waiting for! Python® is a 21st-century, powerful, open-source programming language that is also fast, friendly, and easy to learn! Jump right in with scripting, game development, website designing, and data analysis using Python®. Solve real-world problems by mining big data in this hands-on and project-based exploration.

Spies Speak Sputnik: Russia Meets the U.S.
Have you ever wondered about Russian spies in the U.S.? Learn about Russian modern society and culture through engaging activities, and discover how cultural differences between Russia and the U.S. influence international relations and scientific development. Reflect on accounts of collaboration between the U.S. and Russia, when humanity and pursuit of space travel prevailed over political tensions. Acquire new skills by learning the Cyrillic alphabet, survival language for travel, and effective Internet research for authentic Russia-related topics.

The Craft of Fiction: Storytelling in the 21st Century
What makes a compelling story? How do writers make their characters come to life? We will explore these questions and more as we investigate the methods of contemporary writers and try our hands at their techniques. We will write using both tried-and-true approaches and innovative multimedia platforms. Present your creations to your fellow campers and take home a book of your own work.
### PULSAR II AM: July 12-25

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<tr>
<th>Course Description</th>
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<tr>
<td>All About Air</td>
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<td>Studies in air permeate the boundaries of physics, chemistry, and biology. Through exciting activities and demonstrations, learn about a wide variety of topics revolving around air such as gas behavior, aerodynamics, atmospheric composition, cellular respiration, rain cycle, carbon cycle, greenhouse gases, rainbows, and more. Show off your new knowledge as you compete with your peers to build drones.</td>
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| Acting Out!                                                                       |
| Come experience the magic of the theater. Explore the fundamentals of stage acting and enhance your communication, creativity, and collaboration skills. Engage in theatrical exercises used by professionals and learn specific techniques that bring life to characters, scenes, and scripts. |

| Hack the Planet! An Ethical Adventure in Information Security                     |
| Everyone knows the scene in movies where someone starts furiously typing and suddenly yells, “I’m in!” Outside of Hollywood, the worlds of hacking, cryptography, and information security are booming careers today. Join us as we explore ways to practice safe and ethical hacking, including wifi hunting, Kali Linux, and practical applications of security auditing. These skills will be foundational to security work but with a fun twist. |

| West Africa: The Gateway of a Rising Continent                                    |
| Let’s travel to the land of the first human settlers and the current cradle of the world’s politicking. You will learn about the diverse, colorful, and musical cultures of West African countries. What’s more, learn about the political interconnections of the intriguing land through hands-on activities and a simulation of the General Assembly meetings of the Economic Community of West African States (ECOWAS). |

### PULSAR II PM: July 12-25

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<tr>
<td>Creative Writing Workshop</td>
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<td>Writing is an ancient art that has transformed societies throughout the ages. Draw inspiration from photos, music, and other sources to write your own stories, poetry, and essays. Share your work with others as you focus on honing the shape, detail, and ambition of language. Analyze samples of published writing and provide constructive feedback to your classmates’ work. By the end of the course, we will publish a class literary journal and invite fellow campers to readings of selected pieces. Pre-requisite: Prepare for an intense writing experience!</td>
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| Design & Prototyping of Smart Toys and Robots                                   |
| Build upon your knowledge of electronics, programming, sensors, and design to create smart toys and robots from scratch. We will explore the Internet of Things (IoT), the ever-growing network of physical objects for internet connectivity. Create technologies you control from your cell phone using everyday recyclables, circuits, and more and work in collaborative teams to design and build a creative final project. If you’re serious about a future in engineering and/or technology, this course is perfect for you. |

| From Donkey Kong to Pikachu                                                       |
| From Donkey Kong to Pikachu or sushi to emoji, Japanese popular culture has completely permeated American society. As a form of soft power, these cultural products influence how other countries perceive Japan as a nation. In this class, you will explore the historical, social, and artistic origins of Japan’s popular culture. |

| Strategy and Tactics in the Game of Go                                           |
| Are you an aspiring strategist? Do you fancy yourself as a master tactician? Push your skills to the limit with one of the oldest and most complex board games in the world. Learn to play Go as we study its role in history, art, and politics. Through its rich mathematical foundations, we will examine the fierce struggle between modern Artificial Intelligence methods and professional Go players’ winning strategies. |

| The Ultimate Deviants: Forensic Psychology and Serial Killers                   |
| Many Americans are familiar with names like The Zodiac Killer, Jack the Ripper, or The Golden State Killer. Generations have been fascinated and haunted by these criminals. Join us as we delve into the psychology of these ultimate deviants. Discover the motives, criminal characteristics, and behaviors of serial murderers. Special focus will be placed on case studies, criminal profiling, crime scene investigation, and this phenomenon in pop-culture and the media. |

| Understanding Diplomacy through Game Theory                                     |
| We need gifted leaders like you to promote world peace and international cooperation. Learn and use theories such as Nations as Actor, Resource Wars, and Hard Power vs. Soft Power to understand how and why nations make decisions on foreign policy. Apply these principles to current events and to your own international policy strategy while playing a version of the classic board game Risk®. |
Students say:

“I loved my Leadership 101 class. This class has helped me develop my natural leadership skills. You never know who is going to help you in life and take you far, and GER²I is a program that can help you get there!” – Ajada W., Memphis, TN

“I love seeing all of my friends, making new friends, and meeting people from other countries. I look up to all the counselors. They make each year fun…they bring new things every year, and they’re kind of like my family. They seem like my family!”

– Bella N., Onamia, MN, HOPE+ Scholar

Parents say:

“My son’s experience as a student and Counselor-In-Training at GER²I Summer Residential Program seems to have been more than we ever could have expected. He’s come home a more focused yet outgoing young man. He’s learned leadership, empathy, and perseverance in ways I’d never have imagined, and his outlook on his education has taken on a new enthusiasm. In six summers, GER²I helped sculpt a very promising future for a pretty deserving kid.”

– Cathie A., Lowell, IN

Teachers say:

“I have worked now for eight years with GER²I. What keeps me coming back are the incredible student campers, fellow teachers, and one of the best-run organizations that I have been fortunate to work with. GER²I summer camps allow me to take my regular classroom lessons to farther, deeper, and more meaningful levels, which allows a richer understanding and real-time application to the world around us.”

– John L., Winner, GER²I’s Sidney Marsh Moon Teacher Award 2019

“The challenge of developing creative activities to depict complex engineering topics has been nothing short of exhilarating! Working with GER²I has definitely been one of the highlights of my time here at Purdue, and I look forward to it every single year.”

– Orlando H., Winner, GER²I’s Sidney Marsh Moon Teacher Award 2019

Counselors say:

“I have worked with Summer Residential for the last four summers. I appreciate all of the opportunities our campers have to learn, grow, and ‘get out of their comfort zone’ at Purdue University. My favorite part of GER²I is watching our small groups move from strangers to friends. I look forward to meeting new faces and reconnecting with familiar ones! Let’s make GER²I 2020 the best one yet! P.S. - Bring comfortable shoes because we walk a bunch.”

– Wyatt S., Head Counselor

“GER²I’s Summer Residential camp means a lot to me because it has given me the opportunity to participate in a program that values diversity, education, and the creation of lasting friendships. GER²I has positively shaped my professional career as an educator and has taught me how to best support gifted students.”

– Paula B., Winner, GER²I’s Douglas Sprenkle Counselor Award 2019

Program Coordinators say:

“At our Summer Residential camp, teachers, counselors, and staff members have the expertise to give personalized instruction and care to our campers. We meet our students where they are and challenge them to push their thinking to the next level. Participating in Summer Residential camp gives students a foundation to achieve their goals and dreams. WARNING: Side effects of participation may include global friendships, a willingness to push boundaries, and a stronger sense-of-self!”

– Corinne Green, Former Program Coordinator

“What I like of GER²I is a synonym of diversity and inclusion. At Summer Residential camp, I have met wonderful people with different perspectives and backgrounds who have helped me develop leadership skills. Counselors and I learned together, and together we created a welcoming atmosphere for every one of our unique and diverse campers.”

– Andrés Parra-Martínez, Former Residential Life Coordinator
The Purdue Honors College opened its doors for GER²I campers in July 2018. Its outstanding facilities bring campers closer to a hub of experts and researchers who partner with GER²I to drive their futures forward!

Classrooms, Labs, and Technology
The Purdue Honors College features large classrooms designed for active learning. These spaces will be used for large-scale projects and special classes featured at GER²I Summer Residential.

Dormitories
Students will stay in the brand new Honors College and Residences, giving them fast access to their classrooms and the world of Purdue. The Honors College Residence Hall houses two, three, or four campers per room, with student lounges on every floor for small group activities and GER²I games!

Honors Hall
Honors Hall will function as the center of GER²I activity. Students will meet here for check-in, evening activities, and special events such as Global Gala!

The Honors Community
The Purdue Honors College has an international reach and welcomes students from all backgrounds. Campers will get a taste for college life in a close-knit community of scholars and researchers while having a blast at GER²I Summer Residential!

Join us this summer!
**How do I apply online?**
Applying online is our preferred method of registration unless applying with a group. Students will register through [www.purdue.edu/conferences/sres2020](http://www.purdue.edu/conferences/sres2020), which will lead to a separate website for payment of the tuition deposit. We recommend you complete your online application in one sitting to ensure your progress is saved and submitted.

Although browser cookies may save your incomplete application for up to one week, we recommend completing the application in one sitting to ensure your submission is received. Contact Purdue Conferences at 1-866-515-0023 or ekingery@purdue.edu for registration questions. You must submit your application and non-refundable application fee for your place to be reserved in class.

**How do I make a payment over the phone?**
Payment is always processed through the Purdue Extended Campus department. Their phone number for credit card payment is (1-866-515-0023). Please mention that you are a GER2I camper, and they will look up your account information. Allow two business days after submitting your application before calling this number to allow for registration processing.

**How English proficient do I need to be to attend GER2I Summer Residential?**
English Language Learners will benefit the most from Summer Residential when they can understand a spoken conversation, as many of our classes are discussion and team-based. We judge English proficiency through the application essay, and our teachers have a basic understanding of how to accommodate. Access to a translator is not guaranteed. We ask that campers with limited English proficiency make a proactive effort to engage in class, with their peers, and with faculty and staff in English. Those campers will find that they can form great friendships as long as they are willing to give their best effort.

**My child has mental, physical, or dietary challenges, can they still participate?**
We are committed to making our programs accessible to twice-exceptional youth (campers with gifts and talents as well as a diagnosed disability). Although our camp counselors are caring and proactive professionals serving gifted and talented learners, they may not have expertise in your child’s special needs. Campers walk to class and dining daily, and we estimate that our campers walk 6 – 8 miles daily. Please consider these factors if your child requires extensive medications, behavioral intervention, or has physical limitations. GER2I reserves the right to determine whether we are able to provide needed accommodations and/or supports on a case-by-case basis.

**If I am an international student, what class visa do I need?**
You will need a non-immigrant B-2 visa. If your country is under the approved visa waiver program for the United States, you will need an Electronic System for Travel Authorization (ESTA) on file. As soon as possible after your successful registration, email geri@purdue.edu to request an official invitation letter from us to show to the visa office and border services.

**Will I need clothes to go swimming?**
As of July 2018, we now include swimming as an activity for STAR and PULSAR students. Below-knee trunks for boys and one-piece swimsuits for girls are required by the Purdue CoRec for swimming attire.

**Will I need special clothes for classes with labs?**
Long pants and closed-toe shoes are required for science lab classes. We recommend closed-toed shoes, long pants, and long hair to be secured for science and engineering classes. Any special instances will be noted to those students before camp begins.

**How much additional cash will my child need?**
Please bring as few valuables as possible. We recommend $25 per week for additional snacks and souvenirs. All activities and classes are paid for in advance by tuition. We discourage students from bringing tablets and laptops as computers are provided. Students who would like to bring valuable musical instruments for Global Gala may choose to store their instrument in their counselor’s room, so that they are locked away while not in use.
WHAT TO BRING

**Clothing**
- Casual clothes
- Sportswear
- Dress clothes (optional)
- Comfortable sneakers
- Quality socks (7-14 pair)
- Shower shoes or flip flops (if desired)
- A sweatshirt or light jacket
- Umbrella/rain gear
- Long pants and closed-toe shoes are required for science classes
- Long swim trunks for males or one-piece swimsuits for females (STAR and PULSAR only)
- Semi-formal attire for GER³ dance

**Other Items**
- Personal toiletries (soap, shampoo, toothbrush, toothpaste, deodorant, hair comb or brush, hair dryer, etc.)
- Necessary medications in their original labeled containers
- Sunscreen and sunglasses
- Alarm clock or device with alarm function
- A camera or device with camera function
- Notebook paper, pencils, pens
- **Global Gala:** We encourage you to share your culture in authentic ways, such as dancing, singing, quoting poetry, crafting, or sharing a special talent/skill or cultural artifacts.
- If you choose to bring a valuable musical instrument for Global Gala, we advise you to leave it with your counselor for safe keeping while not in use.

**Do NOT Bring**
- Bed linens, blanket, towels and washcloths (provided)
- Electronics (drones, CD players/stereos, video game consoles)
- Water guns
- Motorized bikes, cars, skateboards or longboards, or bicycles
- Valuables (e.g. jewelry, portable video games, etc.)
- Computers (provided for class)
- Students may bring cell phones (may be confiscated if used during class or in an inappropriate manner)

*GER³ and Purdue University are not responsible for any lost, damaged, or stolen items brought by students.*

DIRECTIONS

*If you are 16 or older and choose to drive yourself, please alert GER³ staff upon arrival so we can direct you to the proper parking area.*

Directions to the Honors College

Purdue Honors College, North Building (HCRN)
1101 Third Street
West Lafayette, IN 47906

From East State Street
- Drive on State Street until you reach University Street
- Turn right onto University Street
- Turn left on First Street
- Turn right on North Russell Street. The Honors College will be on the immediate left. Follow signs for unloading and parking.

From Old US Hwy 231
- Turn onto Martin Jischke Drive
- Follow the road, take the second exit (go straight) at the traffic circle
- Turn right on First Street
- Turn left on North Russell Street. The Honors College will be on the immediate left. Follow signs for unloading and parking.

From Northwestern
- Turn right onto Stadium Avenue
- Turn left onto North Russell Street
- The Honors College will be past Third Street on the right-hand side. Follow signs for unloading and parking.
played in your country or tell a story. Bring an item from home that represents your culture. Through food, music, dancing, and other cultural activities, promote your culture and heritage and give others a glimpse at what life is like in your community.

Dining –
The award-winning Purdue dining courts offer something for everyone. The dining court serves a varied menu of hot meals, a salad bar stocked with fresh fruits and vegetables, juices and 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. If your child has special dietary needs, please call GER2I at (765) 494-7243.

Supervision
• Safety – Key card building access and 24-hour residence hall staff help summer campers feel comfortable and secure. Per Purdue University policy, students will be escorted to and from classes daily. Staff members supervise activities and field trips away from the residence hall and are always available to students who choose to stay at the residence hall during afternoon activities. Students never leave the residence hall without staff supervision. Unless they are with a staff member, students may not go beyond the academic campus and the small shopping areas near the residence hall.

• Social and Emotional Development - A special feature of our program that sets us apart from other camps is our social-emotional curriculum. Our camp counselors understand the social and emotional needs of the GER2I campers and are trained on student development, cultural sensitivity, and characteristics of children with gifts and talents. Camp counselors facilitate an affective curriculum in a small group format during the program. Helping to build a sense of community, these discussion sessions are an integral component of our camp.

• Medical Care – Medical information and permission for treatment will be collected from participants prior to registration. Parents will be notified of any medical emergency or illness as soon as possible. Limited program medical insurance covers most basic costs, but any additional medical expenses or expenses related to existing conditions are the responsibility of the parents or guardians. Campers should bring an adequate supply of prescription medication in the original container to camp.

Accommodations
• Facilities - Students live in residence halls on the safe, friendly West Lafayette campus of Purdue University. Centrally located between students’ classes, libraries, computing centers, and recreational facilities, the Honors College residence halls are fully air-conditioned and easily accessible to students with physical disabilities. Male and female students are housed on separate floors of the building, and no visits to opposite-gender floors are allowed.

• Roommates – Each participant will be paired with 1-2 roommates as available. We believe that campers enjoy a richer experience and make new friends more easily when they lodge with someone they have not met before; therefore, roommate requests are NOT accepted unless your child has specific health or emotional needs. Please email ger2i@purdue.edu if you believe you fit this category.

• Check In/Check Out – Campers will check in at the Honors College, 1101 3rd Street, West Lafayette, IN 47906, between 11:30 AM and 2:30 PM, Eastern Standard Time, on the Sunday their program begins. Comet campers who commute daily should attend registration and their first class meeting on Sunday evening from 7:00-9:00 PM. On the final Saturday of camp, Parent-Teacher Conferences will be held at the Honors College from 9:00-10:00 AM followed by a closing ceremony. Check out is no later than 11:30 AM on the final Saturday.

• Social Life – An enjoyable social experience is just as important as the academic learning, and the Honors College residence hall will be the social hub of GER2I Summer Camp. Lounges and common areas give students places to play music and games, watch movies, share a snack, read a book, collaborate on projects, or even do their laundry. Our friendly, experienced counseling staff works hard to create an environment in which all students feel safe, comfortable, and right at home. Students attending over Independence Day, July 4, will have the opportunity to see the local fireworks display.

• GER2I Global Gala and Talent Showcase – GER2I campers come from all over the world and from many different cultures. We encourage you to share your culture with others during the Global Gala. Share a talent by performing a dance or singing a song. Teach a popular game that is played in your country or tell a story. Bring an item from home that represents your culture. Through food, music, dancing, and other cultural activities, promote your culture and heritage and give others a glimpse at what life is like in your community.

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No-Show Policy – Students who register for the program but do not attend will be charged the full tuition amount unless we receive a cancellation request in writing two weeks before the start of the camp.
Financial Information

- **Tuition** – The program fees cover room and board, tuition, textbooks and course materials, field trips, limited medical insurance, and a GER2I T-shirt. The fee does not cover incidental expenses, optional afternoon or weekend activities, or transportation to and from Purdue University. An application fee of $100 per student is due with the application and will be refunded only if the student is not accepted into the program.

<table>
<thead>
<tr>
<th></th>
<th>COMET</th>
<th>RESIDENTIAL</th>
<th>STAR</th>
<th>PULSAR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tuition (per session)</strong></td>
<td>$900</td>
<td>$1200</td>
<td>$2,400</td>
<td>$2,400</td>
</tr>
</tbody>
</table>

- **Saturday Field Trip** - STAR and PULSAR campers may choose to attend an extended field trip on the first Saturday of camp. These visits include tickets to museums or sporting events in major cities like Chicago or Indianapolis, but location and activity will change from year to year. The additional fee for this activity will be $80 payable upon registration to cover the costs of venue admission and charter bus transportation. Because reservations are made well in advance, students who wish to add this field trip later may not be accommodated. Students who do not wish to attend the extended field trip will participate in activities within the greater West Lafayette area.

- **Camp Discounts** - Four tuition discount programs are available for 5% off the price of tuition. Campers may be eligible for one of these discounts in combination with the 5% Early Bird discount (registration by March 1), for a total discount of 10%. All discounts are applied to base tuition, not additional travel or field trip fees. The following discounts do not apply to groups or to those on scholarship.
  - **Purdue Employee Discount** - for GER2I campers whose parents or grandparents are employed by Purdue University. (Employee’s Purdue email must be used upon registration.)
  - **Siblings Discount** - for siblings who attend in the same summer.
  - **Multiple Session Discount** - for campers who attend more than one session.
  - **Refer-a-Friend Discount** - for campers who recommend friends attending Summer Residential for the first time. Friend must attend for this to apply. Discount applied to both referring and referred students unless students attended with a group or on scholarship.

- **Payment** – Payment in full is due June 1. Payments can be made via check, money order, VISA, MasterCard, and Discover. No cash will be accepted. We cannot process your application until the application fee of $100 is received. If full payment is not received by June 1, the student’s placement in classes will be removed. After tuition is paid in full, student’s placement in classes will be determined based on availability; original class choices may no longer be available. If full payment is not received by June 15, the student’s full registration will be cancelled.

**NOTE:** Checks may be sent to the Purdue Conferences office. Please make checks out to “Purdue University” with “GER2I Summer Residential: Child’s Name” in the note and send to:

Purdue Conferences
Stewart Center, Room 116
128 Memorial Mall - Attn: Ethan Kingery
West Lafayette, IN 47907

**Late Registrants** – Registrations received after June 1 must be paid in full at the time of application.

**Refunds** – Students who withdraw prior to two weeks before the program begins will receive a refund equal to any paid tuition less the $100 application fee. GER2I must receive a written cancellation notice via email (geri@purdue.edu) for refunds to be processed. No refunds will be given for cancellations made in the two weeks prior to the start of camp.

**Financial Assistance** – GER2I provides a limited number of partial scholarships to students with financial need. To be considered for financial aid, a student must submit a complete application (including the financial aid section with documentation of financial need) and meet academic eligibility criteria. Scholarships are awarded 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.

**Travel to Purdue University**

- **By Car** – West Lafayette is just off I-65 between Indianapolis and Chicago. See page 13 for 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, round trip. Alternatively, you may opt to travel with Reindeer Shuttle (765-637-5124). GER2I offers airport transportation for a fee of $80, round trip, payable when the application and deposit are submitted. **Please indicate if you need picked up at the Indianapolis Airport in the “Application Fees” section of your application.** E-mail geri@purdue.edu at least one month prior to your program’s start date to confirm arrangements.

If you are flying into an airport other than the Indianapolis International Airport, you will be responsible for making your own transportation arrangements to and from Purdue University. Lafayette Limo, Reindeer Shuttle (see above), and Express Air Coach (765-743-3120) have service from O’Hare Airport in Chicago.

**International Students**

International student groups or individual students attending GER2I Summer Residential may be eligible to do so with a B status visa waiver by showing their invitation letter upon entry into the United States. To learn more about this program, or if you are not sure whether your country is eligible for participation, please visit http://travel.state.gov/content/visas/en.html.

**Daily Schedule**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Breakfast</td>
</tr>
<tr>
<td>8:30-11:30</td>
<td>Morning class</td>
</tr>
<tr>
<td>11:30-1 PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1-4 PM</td>
<td>Afternoon class</td>
</tr>
<tr>
<td>4-5 PM</td>
<td>Meet with Small Groups</td>
</tr>
<tr>
<td>5-6 PM</td>
<td>Dinner</td>
</tr>
<tr>
<td>6-7 PM</td>
<td>Recreational activities/free time/study time</td>
</tr>
<tr>
<td>7-9 PM</td>
<td>Activity sessions</td>
</tr>
<tr>
<td>9-11 PM</td>
<td>Free/study time, group activities</td>
</tr>
<tr>
<td>11 PM</td>
<td>Lights out/bed check (midnight on weekend)</td>
</tr>
</tbody>
</table>

**Lucky 7 Program**

Bring 7 paid students and receive 1 tuition free.
Please email geri@purdue.edu to arrange your group discounts.
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.

**Returning Students**
Register online at www.purdue.edu/conferences/sres2020. Returning students do not need to submit an essay or qualifying documentation. Simply complete the program application online.

**New Students**
1. Register online at www.purdue.edu/conferences/sres2020. Refer to pages 17-18 for information collected during registration.
2. A one- to two-page essay or alternative media (such as a website, 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:
   - Why did you select the class(es) you have chosen?
   - In what ways do you think you will benefit from the program?
   - Why do you want an academic and/or artistic challenge?
   - If accepted, what will you contribute to the success of the program you attend?
3. Please provide ONLY 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 pictures or scans of awards, certificates, service, or recognition letters documenting involvement.

You will upload the two supporting documents online through the registration website.
GER²I SUMMER CAMPS

www.purdue.edu/conferences/sres2020

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

- [ ] COMET - for those who have completed grade 5 or 6
- [ ] STAR - for those who have completed grade 7 or 8
- [ ] PULSAR - for those who have completed grade 9, 10, 11, or 12

Registration opens 2/1/2020.

We accept online registrations only at www.purdue.edu/conferences/sres2020. Be sure to have the following items on hand before you begin:

1. Student essay or alternate media project;
2. Two of the academic eligibility documents;
3. $100 application fee;
4. $80 transportation fee, if applicable;
5. $80 extended field trip fee, if applicable.

If you are registering a group, please contact the GER²I office via geri@purdue.edu or (765) 494-7243 before you begin.

GER²I reserves the right to cancel programs at any time. Purdue University is not responsible for costs incurred due to cancellation.

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 or via email at geri@purdue.edu.

An equal access/equal opportunity/affirmative action university
Transportation Fee

If you are requesting GER2I transportation to and from the Indianapolis Airport, an additional fee of $80 is due with the application and $100 application fee. Please indicate if you need picked up at the airport in the “Application Fees” section of this form.

When you apply online

First-time campers should include the following items (see page 16):

1. Completed application
2. Student essay or alternate media
3. Two of the academic eligibility documents
4. $100 deposit
5. $80 transportation fee, if applicable
6. $80 extended field trip fee, if applicable.

Apply online:
Submit your materials using online registration at www.purdue.edu/conferences/sres2020. Send email to ekingery@purdue.edu or call Ethan Kingery at 765-496-3667 for registration related questions.

GER2I SUMMER CAMPS
application

Side 2

18

COMET
(completed grade 5 or 6)
□ Comet I, June 28 - July 4 Commuter ($900.00)
□ Comet I, June 28 - July 4 Resident ($1,200.00)
□ Become an Eco Superhero
□ Crime Scene Investigation (C.S.I.)
□ Electromagnetic Claw Game: Diggin’ For Fools’ Gold
□ Stop-Motion Filmmaking
□ 3D Geometric Design in Math

□ Comet II, July 5 - July 11 Commuter ($900.00)
□ Comet II, July 5 - July 11 Resident ($1,200.00)
□ Become an Eco Superhero
□ Crime Scene Investigation (C.S.I.)
□ Stop-Motion Filmmaking
□ Storytelling, Game Design, and Animation with Scratch
□ World of Spies: Keeping Secrets

STAR
(completed grade 7 or 8)
□ Star I, June 28 - July 11 ($2,400.00)
□ Building Mechanical Mechanisms
□ Find Yourself in Yoga and Art
□ Serious Gaming for the 21st Century
□ STEAM Labs
□ The World According to Harry Potter

□ Star II, July 12 - July 25 ($2,400.00)
□ Acting Out!
□ Blast Off! An Exploration into Astronomy
□ Serious Gaming for the 21st Century
□ STEAM Labs
□ World of Spies: Keeping Secrets

PULSAR
(completed grade 9, 10, 11, or 12)
□ Pulsar I, June 28 - July 11 ($2,400.00)
□ Biomedical Instrumentation
□ Ecotoxicology: The Riddles of Pollution
□ Find Yourself in Yoga and Art
□ High-Speed Global Problem Solving
□ Medieval Minecraft
□ Subversive Stories: The Real Lessons from Children’s Literature

□ Pulsar II, July 12 - July 27 ($2,400.00)
□ All About Air
□ Acting Out!
□ Hack the Planet! An Ethical Adventure in Information Security
□ Think like a Social Scientist!
□ West Africa: The Gateway of a Rising Continent

Student’s choice of classes will be cancelled if payment is not received in full by June 1, and student’s camp registration may be cancelled if full payment is not received by June 15.
GER2I provides limited funds for partial scholarships on a first-come, first-served basis based on eligibility. Apply online upon registration. This paper application is only for your reference. Your financial aid request will not be reviewed without this information. For questions about financial aid, please contact GER2I at geri@purdue.edu or (765) 494-7243.

Child’s Name ______________________________________________ Birth Date ________________________________________________

Parent/Guardian Name ________________________________________________________________________________

Home Phone (_________)___________________________        Work Phone (_________ )  _____________________________

All amounts should be the total for the 2019 calendar year.

1. Adjusted gross income ____________________________________________
2. Taxable income ____________________________________________
3. Total Social Security benefits for 2019 ____________________________________________
4. Total AFDC and/or ADC for 2019 ____________________________________________
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 __________________________________________________________________________

geri@purdue.edu
GERI would like to thank all of our friends and donors for their generosity!

www.purdue.edu/geri