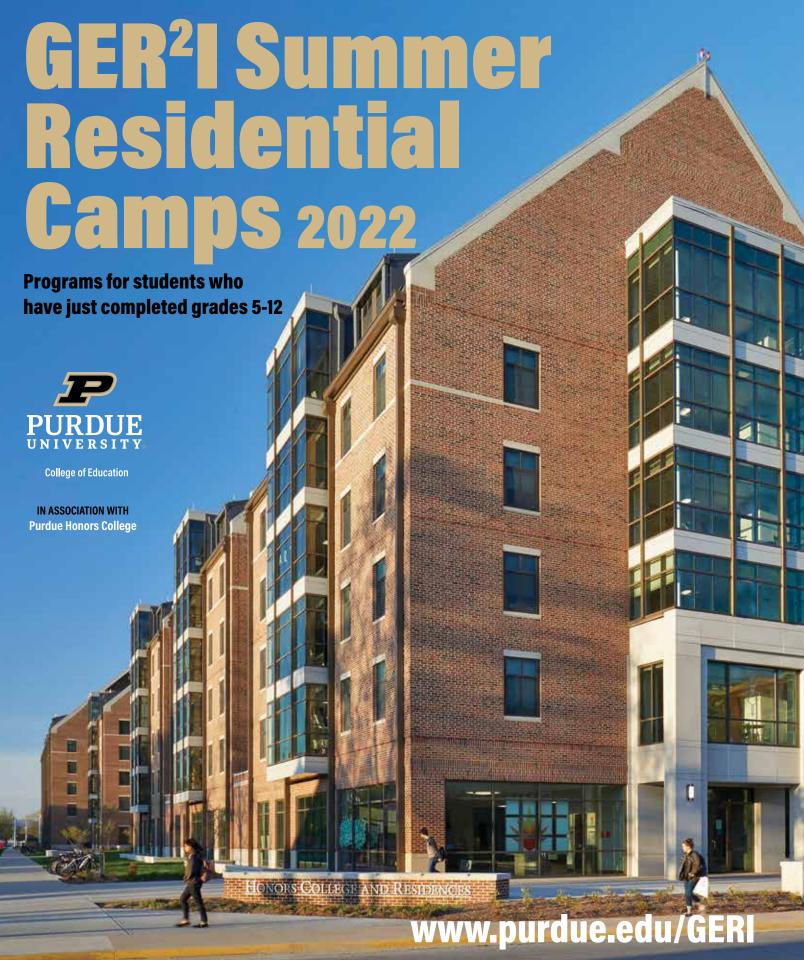
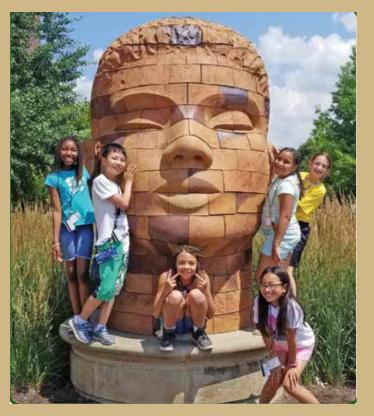


Gifted Education Research and Resource Institute (GER²I)





About

The Gifted Education Research and Resource Institute

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



@PurdueGERI



Purdue GER²I



PURDUE GER²I

Gifted Education Research and Resource Institute 100 N. University St., BRNG 3159 Purdue University West Lafayette, IN 47907-2098 Phone: (765) 494-7243 www.purdue.edu/geri geri@purdue.edu

GER²I STAFF

Dr. Marcia Gentry, Executive Director Dr. Kristen Seward, Associate Director Tugce Karatas, Program Coordinator Bekir Olcay Akce, Residential Life Coordinator

What makes

GER²I

Summer Residential Camps so great!

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."



COMET

July 3-9 and July 10-16

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 4th and receive a 5% discount!

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

course descriptions COMET I: July 3-9

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 critical thinking and problem-solving skills that will enable you to investigate crimes and determine the appropriate methods needed to crack the case.

Curious and Creative Thinking

Spark your creative and divergent thinking and rekindle your ability to be a deeply curious thinker by learning strategies that stretch these capacities of your brain. We will learn why curiosity and creativity are not fixed abilities and how *everyone* can become more curious and more creative.





Fun Filmmaking

Have you ever wanted to produce your own film? This course will explore the fundamentals of filmmaking and how to use recording and editing equipment to tell stories and wow your audience! The course will cover basic film production and equipment, editing, and story development.

Math Games Around the World

They say math is a universal language, but do kids around the world learn math the same way? Let's take a math journey around the world to play math games from four different continents! Develop your winning strategy for each game as we analyze the math involved. Then, use what you've learned about these challenging games to design a math game of your own!

What's Your Impact on the Environment?

Have you ever wondered what natural environments need to function properly or how humans impact these environments? Let's explore basic environmental components using terrarium simulations to measure human's impact on different environments and to develop our own solutions to reverse these effects.

course descriptions COMET II: July 10-16

All About Air

Did you know that the average person breathes two gallons of air every minute? That's 3,400 gallons of air each day! The study of air touches every branch of science, and scientists continue to learn more about air, from breathing clean air to climate change to renewable energy. Join us as we explore a wide variety of topics revolving around air, such as gas behavior, aerodynamics, atmospheric composition, cellular respiration, rain cycle, carbon cycle, greenhouse gases, rainbows, drones, and more through exciting activities and demonstrations!

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 critical thinking and problem-solving skills that will enable you to investigate crimes and determine the appropriate methods needed to crack the case.

Neurons that Fire Together, Wire Together

Activate your neurons to learn about what they are, how they function in the body, and how they communicate with other cells. You'll construct your own 3-D model of a neuron to demonstrate how it functions in the body, including what happens when it misfires.





The Artistic Engineering

Let's turn STEM into STEAM with art! Be inspired by famous artists to create amazing 2D designs and transform them into 3D masterpieces of artistically engineered structures. Challenge and expand your art and design skills through projects such as 0p Art, Pop Art, Still Life, and structurally sound Skyscraper Cities. Don't just STEM! Let's get STEAMed!

Virtual World Tour

Let's travel the world in five days! Using advanced technology, we will virtually explore the most amazing destinations across the globe, including the people, wildlife, and plants that live in these incredible places! Share your discoveries by creating a product to share our travels with friends and family.



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 4th 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: July 3-16**

Brain Games: Messing with Your Mind

Can your brain grow through gaming? Using concepts in cognitive psychology, interaction design, and artificial intelligence, let's explore how our brains work and create unique strategies for getting the most out of our brains. Through playing and making games, we'll build game-like interactions at the same time!

High-Speed Global Problem Solving

Race against the clock to solve real-world dilemmas with a STEM spin! Step into a company employee's shoes and use collaboration and problem-solving skills to address case-based problems. Integrate several disciplines, including leadership, humanities, technology, management, economics, resource availability, globalization, and current events to plan and pitch your solutions to your company's CEO.

Phantastic Physics

Newton, Bernoulli, Archimedes, and Einstein—these are just a few of the physicists we will learn about as we apply their ideas in the creation of hot air balloons, cellulose coasters, elastic racers, hollow rockets and gliders, automated sorting robots, power boats, and a whole lot more. Use your imagination, creativity, and construction skills to build your physics expertise!

The Art of Costume Design and Hat Making

Let's go center stage into the world of costume design and hat making! You'll use the elements of design, costume history, research, and drawing techniques to design costumes for a fairytale. Once designed, we will dive into the art of millinery and make hats to correlate with your previous design. Let's get artzy!

World of Spies: Keeping Secrets

Privacy and information protection is a major concern. Explore the reasons why by examining various ways information is collected and used and how to protect your own information. Test your spy skills by creating and deciphering secret messages, solving puzzles, and exploring techniques used by hackers to steal your information.

course descriptions **STAR I PM: July 3-16**

Acting with Wonder and Insight

Are you dreaming about the bright lights of Broadway? What does it take to make it there? This course is a great first step! Join the 2022 GER²I cast destined for the stage as we engage in theatre exercises that involve movement, improvisation, and beginning acting techniques. Combine these techniques and add your imagination to create and perform your own monologue!

Boiler Bug Encounter

Studying insects is a great way to learn about the natural world! Join this hands-on course to learn about insect biology (entomology), collect and examine bugs safely, conduct mini-experiments, and present your findings in a fun Bug Symposia. By the end of the course, you'll be a budding entomologist! *Campers with insect and/or pollen allergies of any kind should not enroll in this course.*

STEAM LABS™

Students, engineers, artists, and hobbyists around the world design and build Rube Goldberg-style machines to satisfy society's fascination with these 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 explore pathways to engineering careers.

The Evolution of Fairytales

We all know fairytales, but have you ever wondered where and why the popular stories began? Many tales have some relation to real historical figures and events! From Grimm and Disney to popular Young Adult novels, let's explore how fairytales have evolved over time.

The World of Creative Media Production

Sharpen your innovation skills and talent by creating and manipulating properties of media including audio, video, and graphics to tell (or enhance) a story. Learn more about how creative media production has the power to influence public opinion and consumer behavior in both helpful and harmful ways. Create your own content and projects using and combining the basic elements of creative media and learn how to use and combine those elements for creative projects and content creation.

course descriptions **STAR II AM: July 17-30**

Art and Science of Color and Design

Did you know that science has uncovered the ways in which color affects daily decision-making and moods? What does it mean to choose a "favorite" color, and what does that color say about you? After learning about the science of color, we'll analyze the function of color in design and art.

Boiler Bug Encounter

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Brain Games: Messing with Your Mind

Can your brain grow through gaming? Using concepts in cognitive psychology, interaction design, and artificial intelligence, let's explore how our brains work and create unique strategies for getting the most out of our brains. Through playing and making games, we'll build gamelike interactions at the same time!

Science Fiction or Reality?

Sci-fi movies are fascinating, aren't they? Ever wondered if you could be an engineer who turns sci-fi into reality? Take the first step into decoding and applying hands on engineering skills for the future. Through hands-on activities, we will explore artificial intelligence, computer aided design and automation, and sustainability that are changing the core of engineering. Let's start now for a better tomorrow!

World of Spies: Keeping Secrets

Privacy and information protection is a major concern. Explore the reasons why by examining various ways information is collected and used and how to protect your own information. Test your spy skills by creating and deciphering secret messages, solving puzzles, and exploring techniques used by hackers to steal your information.



course descriptions **STAR II PM: July 17-30**

Acting Up and Acting Out: Constructing Cultures of Peace

Bring your unlimited imagination to this active, spontaneous, unscripted course featuring theatre games, pantomime, role plays, simulations, storytelling, and improvisation to challenge your thinking about freedom, justice, and peace. Together, we'll construct a vision of a better world where peace is not just an idea, but courageous action.

Good Vibrations: Engineering for Your Ears

Have you ever muted the soundtrack watching a scary movie? Amazingly, it doesn't seem as scary! Sound effects and music play central roles in productions involving elements of audio. Apply your musical and technical creativity to core audio concepts and practices in audio production and engineering. Learn about real-world studio projects that involve acoustics, audio signal flow, recording, mixing, microphone technique, and more.

If You Give a Scientist a Cookie...

Why do apples turn brown? Why does swiss cheese have holes? Why is sourdough bread sour? Food science can answer all these questions and more with chemistry, microbiology, and many other disciplines. Let's think like food scientists as we cook, test, and of course, EAT our science experiments!

Serious Gaming for the 21st Century

Did you know that "serious gaming" refers to any game that does 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 design and build Rube Goldberg-style machines to satisfy society's fascination with these 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 explore pathways to engineering careers.

PULSAR

July 3-16 and July 17-30

For students who have *completed* grade 9, 10, 11 or 12

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 4th 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 PULSAR I AM: July 3-16

Biomedical Engineering and Instrumentation

Have you wondered how a Fitbit 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 everyone's health!

Brainiacs Unite!

Want to be a neuroscientist? Let this be your first giant leap! Using a number of mini-experiments and interactive activities, we'll explore many aspects of neuroscience, including brain structures and functions, the nervous system, brain scans, and neurological disorders.

Game Theory and Global Politics

We need gifted leaders like you to promote world peace and international cooperation. Learn and use game theories such as Nations as Actors, 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 through playing strategic games.

High-Speed Global Problem Solving

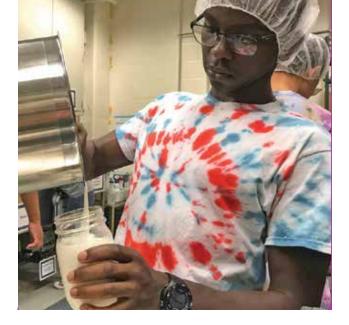
Race against the clock to solve real-world dilemmas with a STEM spin! Step into a company employee's shoes and use collaboration and problem-solving skills to address case-based problems. Integrate several disciplines, including leadership, humanities, technology, management, economics, resource availability, globalization, and current events to plan and pitch your solutions to your company's CEO.

Physics Without Math? Well, almost.

Ever wondered why water from a tap 'tapers' (pun #1) or why planets are always spherical? Let's test some laws of physics through fun-filled demonstrations and amazing experiments and have thought-provoking discussions on 'cool' scientific concepts such as heat (pun #2), buoyancy, sound, waves, and mechanics. Prerequisites: High school algebra and enthusiasm to learn physics.

The Art of Costume Design and Hat Making

Let's go center stage into the world of costume design and hat making! You'll use the elements of design, costume history, research, and drawing techniques to design costumes for a fairytale. Once designed, we will dive into the art of millinery and make hats to correlate with your previous design. Let's get artzy!



course descriptions PULSAR I PM: July 3-16

Design & Prototyping of Smart Toys and Robots

Build upon your knowledge of electronics, programming, sensors, and design to create smart toys and robots. 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. We'll also explore the Internet of Things (IoT), the ever-growing network of physical objects for internet connectivity. If you're serious about engineering and technology, the skills you learn and the products you create at GER²I will be especially useful when applying for engineering and technology-based college programs.

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.

Serious Gaming for the 21st Century

Did you know that "serious gaming" refers to any game that does 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.

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Sharpen your innovation skills and talent by creating and manipulating properties of media including audio, video, and graphics to tell (or enhance) a story. Learn more about how creative media production has the power to influence public opinion and consumer behavior in both helpful and harmful ways. Create your own content and projects using and combining the basic elements of creative media and learn how to use and combine those elements for creative projects and content creation.

course descriptions PULSAR II AM: July 17-30

Art and Science of Color and Design

Did you know that science has uncovered the ways in which color affects daily decision-making and moods? What does it mean to choose a "favorite" color, and what does that color say about you? After learning about the science of color, we'll analyze the function of color in design and art.

Biomedical Engineering and Instrumentation

Have you wondered how a Fitbit 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 everyone's health!

Brainiacs Unite!

Want to be a neuroscientist? Let this be your first giant leap! Using a number of mini experiments and interactive activities, we'll explore many aspects of neuroscience, including brain structures and functions, the nervous system, brain scans, and neurological disorders.

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.

Physics Without Math? Well, almost.

Ever wondered why water from a tap 'tapers' (pun #1) or why planets are always spherical? Let's test some laws of physics through fun-filled demonstrations and amazing experiments and have thought-provoking discussions on 'cool' scientific concepts such as heat (pun #2), buoyancy, sound, waves, and mechanics.

Prerequisites: High school algebra and enthusiasm to learn physics



course descriptions PULSAR II PM: July 17-30

Dark Side of Data and Social Media

Why has social media been in the hot seat lately? Secret algorithms and shady practices have created a world where your personal information, thoughts, and actions are sold for profit. Your seemingly harmless online activities today can affect future opportunities for career, college, and more. Solve puzzles, debate ongoing social issues, and complete an escape room to test your knowledge. We will discuss current social media issues and solve puzzles to understand how social media and data collection can be used to steal information. The class will culminate in an espionage escape room focusing on data collection used for nefarious purposes.

Design & Prototyping of Smart Toys and Robots

Build upon your knowledge of electronics, programming, sensors, and design to create smart toys and robots. 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. We'll also explore the Internet of Things (IoT), the ever-growing network of physical objects for internet connectivity. If you're serious about engineering and technology, the skills you learn and the products you create at GER²l will be especially useful when applying for engineering and technology-based college programs.

Future of Transportation

Did you know that the concept behind Elon Musk's hyperloop was developed in 1845 by a British engineer named Brunel, or that the technology for electric vehicles was invented in 1832? The latest developments and trends in transportation have deep roots that needed time and modern-day technology to come to fruition. We'll explore new developments in transportation such as electric vehicles, autonomous (self-driving) vehicles, and alternative modes of transportation and discuss their broader impacts on society, for better or worse, including the pace of technological advancement, equity and access, economic and environmental impacts, and social mobility.

Good Vibrations: Engineering for Your Ears

Have you ever muted the soundtrack watching a scary movie? Amazingly, it doesn't seem as scary! Sound effects and music play central roles in productions involving elements of audio. Apply your musical and technical creativity to core audio concepts and practices in audio production and engineering. Learn about real-world studio projects that involve acoustics, audio signal flow, recording, mixing, microphone technique, and more.

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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 believe learning should be challenging, but it should also be fun. GER2I gives me the opportunity to unleash my creativity in developing courses that won't be available in the regular classroom (like "World of Spies: Keeping Secrets" and "Become an 'Escape Room Master"), showing connections across a broad spectrum of topics within a specific framework. The staff and people behind the scenes are amazing, and my children can attest to their own incredible experience in this top-notch program." – Sheree B., Winner, GER2I'S Sidney Marsh Moon Teacher Award 2021

"My favorite teaching moments are those beyond the traditional classroom. Purdue's GER²I program is especially terrific because the students are all eager to learn and embrace challenges and the amount of growth we see in a short time is so rewarding!"

- Jordan W., Winner, GER21's Sidney Marsh Moon Teacher Award 2021









Camp Counselors say:

"GER²I Summer Residential is a wonderful program that allows students from diverse backgrounds to connect and learn from one another. I always look forward to seeing new friendships forming and hearing about all the great things they learn while here, and even learning some new things myself. I'm looking forward to this year's camp!" – Jesse V., Winner, GER²I's Douglas Sprenkle Counselor Award 2021

"There are many things I have loved about working with GER2I's Summer Residential Program, but most of all I appreciate the inclusivity felt at camp. Gifted students from many diverse backgrounds, experiences, and cultures come together not only to learn about their chosen topics but to learn about each other and form lasting friendships (and, of course, have a great time!). It is truly a special experience."

- Crystal T., Winner, GER21's Douglas Sprenkle Counselor Award 2021

Program Coordinators say:

"Our program is known for diversity. This diversity transcends locations and races. We take pride in the fact that our program actively promotes the inclusion of LGBTQ and twice-exceptional learners. Many of our students and staff describe GER21 as a safe space and find it their home. We believe not only in physical integration but also in psychological integration. We truly are one GER21 family!"

- Aakash Chowkase, Former Program Coordinator

"To me, GER²I is a place where everyone is welcomed. At GER²I Summer Residential Camp, as a previous counselor, assistant coordinator, and coordinator, I was privileged to meet and work with students from all over the world. I believe that the camp and students touched and shaped my life positively. The camp environment also showed me how this unique experience helps students reach their goals."

- Abdullah Tuzgen, Former Residential Life Coordinator





Welcome to the

PURDUE HONORS COLLEGE

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.



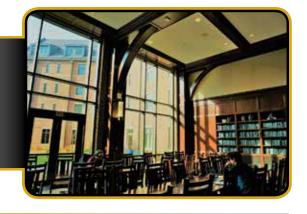


Dormitories

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 http://www.purdue.edu/conferences/GER2ISummerRes2022. Registration opens March 1st.

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 mnixonpa@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 qeri@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?

Swimming is an optional 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 Purdue science lab classes. We recommend closed-toed shoes, long pants, and long hair to be secured for science and engineering classes. Campers who have registered for lab classes will be reminded about this requirement before camp begins.

How much additional cash will my child need?

Please bring as few valuables as possible. We recommend \$30 per week for additional snacks and souvenirs. 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 Purdue science lab classes
- Long swim trunks for males or one-piece swimsuits for females (STAR and PULSAR only)
- Semi-formal attire for GER²I 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).

*GER²I 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 GER²I 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

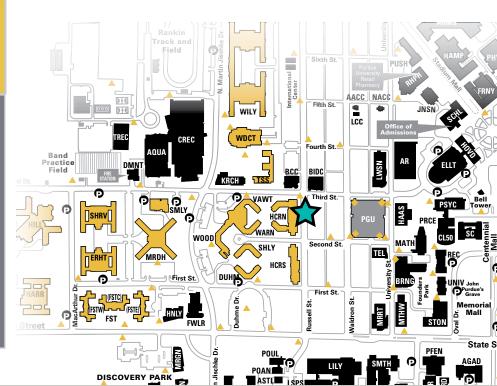
- Drive on State Street until you reach University Street
- Turn right onto University Street
- Turn left on First Street
- Turn right on North Russell Street. The Honors College will be on the immediate left. Follow signs for unloading and parking.

From Old US Hwy 231

- Turn onto Martin Jiscke 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.



PROGRAM Details

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.

Accomodations

- 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 geri@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 Residential 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.
- 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 GER21 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 GER²l 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.

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.

	Tuition (per session)		
COMMUTER COMET	RESIDENTIAL COMET	STAR	PULSAR
\$900	\$1200	\$2,400	\$2,400

- 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
 4), 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
 those on scholarship.
 - **Purdue Employee Discount** for GER²I campers whose parents or grand-parents 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: Do not send payment to GER²I. Checks must 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: Mercedes Nixon-Palmer 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 quarantee 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 (https://www.lafayettelimo.com/, 765-497-3828) for \$50, round trip. Alternatively, you may opt to travel with Reindeer Shuttle (https://www.reindeershuttle.com/, 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 https://travel.state.gov/content/travel/en/us-visas.html.

Daily Schedule		
7-8:30 AM	Breakfast	
8:30-11:30 AM	Morning class	
11:30 AM -1 PM	Lunch	
1-4 PM	Afternoon class	
4-5 PM	Meet with Small Groups	
5-6 PM	Dinner	
6-7 PM	Recreational activities/free time/study time	
7-9 PM	Activity sessions	
9-11 PM	Free/study time, group activities	
11 PM	Lights out/bed check (midnight on weekend)	

Lucky 7 Program

Bring 7 paid students and receive 1 tuition free.

Please email geri@purdue.edu to arrange your group discounts.

ADMISSION Requirements

GER²I 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:

http://www.purdue.edu/conferences/GER2ISummerRes2022

Returning students do not need to submit an essay or qualifying documentation. Simply complete the program application online.

New Students

- Register online at: http://www.purdue.edu/conferences/GER2ISummerRes2022

 Refer to pages 17-18 for information collected during registration.
- 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 quidelines:
 - 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 GER²I 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.



Gather your information and register at www.purdue.edu/conferences/GER2ISummerRes2022

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

- $\hfill\Box$ COMET for those who have completed grade 5 or 6
- $\ \square$ STAR for those who have completed grade 7 or 8
- $\hfill\Box$ PULSAR for those who have completed grade 9, 10, 11, or 12

Registration opens 3/1/2022.

We accept online registrations only at:

http://www.purdue.edu/conferences/GER2ISummerRes2022

Be sure to have the following items on hand before you begin:

- 1) Student's session(s) and class selection(s); 2) Payment method for payment in full or for \$100 application fee;
- 3) Payment method for \$80 GER2I transportation fee to/from Indianapolis International Airport, if applicable;
- 4) Payment method for \$80 extended field trip fee for Star and Pulsar students only, if applicable. For new GER2I Summer Residential campers, also include 1) Student essay or alternate media project and 2) Two of the academic eligibility documents.

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.

Applicant Information Apply online at www.purdue.edu/conferences/GER2ISummerRes2022 Please indicate below how you heard Date of Birth (mm/dd/yyyy) ____ (found out) about the GER2I program. Ethnicity (optional/check all that apply) ☐ Word-of-mouth ☐ American Indian or Alaska Native ☐ Asian □ Black or African American ☐ Direct Mailing □ Native Hawaiian or Pacific Islander □ White ☐ Hispanic or Latino ☐ GER²I Programs Listserv Gender _____ Grade 2021-22 _____ Home Phone (_____) ____ ☐ GER²I Website Home Mailing Address _____ ☐ Social Media ______ State ______ ZIP _____ (Facebook, Twitter, Instagram, LinkedIn) ☐ Internet Search such as Google Student Email Other Website, Publication, or Event Check all that apply: ☐ Indv's Child □ I have participated in a previous session of the Summer Residential programs at Purdue. ☐ Just Kidding ☐ I am applying for financial aid. (To be considered for aid, you must complete the Financial Aid Application online at the time ☐ State Gifted Association □ I do not give permission for my photo or image to be included in the GER²I yearbook or be used for publicity purposes. (IAG, IAGC, PAGE, TAGT) □ I am referring a friend. Name of friend _ ☐ Princeton Alumni Weekly □ I am a STAR or PULSAR student and I do NOT want to participate in a mixed-gender counseling group. ☐ Center for Talent Development. Northwestern University Parent/Legal Guardian Information ☐ Student Education Programs ☐ Other (please specify): First Parent/Legal Guardian Name Parent Home Mailing Address, if different than above Work Phone (_____) ______Cell (____) _____ First Parent E-mail Address required Second Parent/Legal Guardian Name ____ Parent Home Mailing Address, if different than above _____ ______Cell (_____) _____ Work Phone (Second Parent E-mail Address required ____

An equal access/equal opportunity/affirmative action university

I will make a tax-deductible gift in the amount below to https://connect.purdue.edu/GERI.

tion to GER2I camps, please use the following link: https://connect.purdue.edu/GERI.

- □ \$50
- □ \$100
- One half a Comet Registration (\$600.00)
- One han a confet negistration (3000.00)
- □ One Comet Registration (\$1200.00)
- One half a Star/Pulsar Registration (\$1200.00)
- □ One Star/Pulsar Registration (\$2400.00)

Not all parents have the means to send their children to GER2 summer camp. Your monetary donation will help us offer scholarships to qualified children with financial need. Please consider sponsoring another camper when you register your son or daughter. If you would like to make a tax-deductible dona-

Other (please specify): \$______

(completed grade 5 or 6) Comet I, July 3-9 Commuter (\$900) Comet I, July 3-9 Resident (\$1,200)Crime Scene Investigation (C.S.I.) **Curious and Creative Thinking Fun Filmmaking** Math Games Around the World What's Your Impact on the Environment? Comet II, July 10-16 Commuter (\$900)Comet II, July 10-16 Resident (\$1,200) All About Air Crime Scene Investigation (C.S.I.) Neurons that Fire Together, Wire Together The Artistic Engineering Virtual World Tour **GER²I SUMMER RESIDENTIAL CAMPS** Side 2

	STAR	Pulsar
	(completed grade 7 or 8)	(completed grade 9, 10, 11, or 12)
	□ Star I, July 3-16 (\$2,400)	□ Pulsar I, July 3-16 (\$2,400)
Morning		Morning
	Brain Games: Messing with Your Mind High-Speed Global Problem Solving Phantastic Physics The Art of Costume Design and Hat Making World of Spies: Keeping Secrets	Biomedical Engineering and Instrumentation Brainiacs Unite! Game Theory and Global Politics High-Speed Global Problem Solving Physics Without Math? Well, almost. The Art of Costume Design and Hat Making
	Afternoon	
	 Acting with Wonder and Insight Boiler Bug Encounter STEAM LABS™ The Evolution of Fairytales The World of Creative Media Production 	Afternoon Design & Protoyping of Smart Toys and Robots Python* Programming for the Future Serious Gaming for the 21st Century The Evolution of Fairytales The World of Creative Media Production
	□ Star II, July 17-30	
	(\$2,400)	□ Pulsar II, July 17-30
	Morning	(\$2,400)
	Art and Science of Color and Design Boiler Bug Encounter Brain Games: Messing with Your Mind Science Fiction or Reality? World of Spies: Keeping Secrets	Morning Art and Science of Color and Design Biomedical Engineering and Instrumentation Brainiacs Unite! Leadership 101 Physics Without Math? Well, almost.
	Afternoon	Afternoon
	Acting Up and Acting Out: Constructing Cultures of Peace Good Vibrations: Engineering for Your Ears If You Give a Scientist a Cookie Serious Gaming for the 21st Century STEAM LABS™	 Dark Side of Data and Social Media Design & Prototyping of Smart Toys and Robots Future of Transportation Good Vibrations: Engineering for Your Ears Python® Programming for the Future

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: http://www.purdue.edu/conferences/GER2ISummerRes2022

Send email to <u>mnixonpa@purdue.edu</u> or call Mercedes Nixon-Palmer at 765-494-7210 for registration-related questions.

GER2l Office: (765) 494-7243 - Fax: (765) 494-5832

Application Fees	☐ I will need to be picked up at the Indianapolis	
Tuition	\$ International Airport and have included the additional fee of \$80 with this the application and \$100	
Saturday Field Trip (STAR/PULSAR Only)	\$ application fee.	
Transportation, if applicable (check appropriate box at right)	\$ ☐ I will make my own transportation arrangements. Please see page 15 for more travel information.	
Total	\$ ☐ I am a STAR or PULSAR camper, and I will be participating in the extended field trip on the first	
Deposit	\$ Saturday of camp. I have included the additional \$80 field trip fee with this application and the \$100	
Balance Due	\$ application fee.	

Student's choice of classes will be canceled if payment is not received in full by June 1, and student's camp registration may be canceled 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 2021 calendar year.	
1. Adjusted gross income	
2. Taxable income	
3. Total Social Security benefits for 2021	
4. Total AFDC and/or ADC for 2021	
5. Child support received for all children	
6. Number of household members	
a. Yourself b. Spouse c. Dependents	
Total of a, b, and c	
l certify that the information supplied above is accurate.	
Parent/Legal Guardian Signature	
nari@n	urdue edu

<u>geri@purdue.edu</u>



GER²I SUMMER CAMPS Gifted Education Research and Resource Institute Beering Hall, Room 3159 **100 North University Street** West Lafayette, IN 47907-2098 765-494-7243 Email geri@purdue.edu

www.purdue.edu/geri

GER²I would like to thank all of our sponsors and donors for their generosity!















