A Summer Experience for Academically Gifted Students Currently in Grades Five Through Eight

June 24 through August 3, 2007
As we begin launching our Summer programs, I want to extend a warm welcome to students and parents. I am very excited to be here at this point in the University of California, Irvine’s evolution, and my second year as chancellor.

For several years, UCI has offered a summer program of specialized curriculum for gifted middle school students, such as you. We welcome your participation in this exciting program which has been developed to assist you in beginning to direct your life toward a scholarly collegiate path. We provide you with an environment that will enable you to experience and appreciate life on a university campus.

With all the activities in your life as a productive middle school student, there isn’t always time for you to think seriously about where you want to be in a few years from now. If higher education is anywhere in your plans, spending time at a major university, such as UCI, will help you to clarify your goals. Most importantly, the Gifted Students Academy will help prepare you for the competitive university admission procedure.

I strongly encourage you to participate fully in the challenges and fun of the UCI Gifted Students Academy. Please join us on the UCI campus this summer. I look forward to meeting you.

Michael Drake
Chancellor, UCI

“I just wanted to let you know that both my children had a terrific time with the program this summer. We really appreciated the approach and enthusiasm of your instructors, and especially of the staff ratio. I think their memory of your weeks are of excitement, and well balanced mind and body work. We look forward to next year.”

—GSA Parent
It's never too early to think about your academic future, especially how you may achieve your career goals and pursue your special interests. One of the best ways to begin to formulate your action plan is to spend extended periods of time on a University campus. I invite you to join students of high ability, such as yourself, in participating in this summer's Gifted Students Academy. Consider participating as a resident. Residential participation will enable you to experience the University to its fullest.

Our courses are uniquely developed for gifted middle school students. Courses are designed and taught by instructors who will lead you in expanding your thinking. Don't miss this opportunity. Join us on the UCI campus this summer for a truly exciting experience.

Juan Francisco Lara, Ph.D.,
Assistant Vice Chancellor
Director, Center For Educational Partnerships

As Director of UCI's Gifted Students Academy, I am pleased to invite you to participate in our summer program. I welcome your participation in this exciting experience. It has been designed to assist you in beginning to direct your life toward a scholarly university experience.

Regardless of the courses you select, I assure you that you will find yourself thinking in new ways. You will be exposed to great new ideas. You will learn new exciting problem solving strategies and you will become a part of a community of learners with interests like yourself. Within this community of fellow students from all parts of California and the world, you will build special friendships that will last well beyond your stay at UCI.

Our staff is available to help you with all aspects of your UCI Gifted Students Academy experience. We can help you plan your choice of courses and guide you to your educational future. Join us for the UCI Gifted Students Academy program, 2007. I'll be looking for you. I hope to meet your parents, too.

Darlene Boyd, Ed.D.
Director, UCI Gifted Students Academy
**About UCI**

The University of California, Irvine is situated on 1500 acres of rolling coastal foothills between the cities of Irvine and Newport Beach. It offers you the opportunity to study at an academically challenging research university with faculty who are nationally and internationally known scholars, scientists, and artists.

Founded in 1965, the University of California, Irvine combines the strengths of a major research university with the bounty of an incomparable Southern California location. With a commitment to cutting-edge research, teaching, learning and creativity, UCI is a driving force of innovation and discovery that benefits our local, national and global communities in multiple ways.

With more than 25,000 students, 1,800 faculty members and 8,600 staff, UCI is among the fastest-growing campuses in the University of California system. UCI offers a variety of honors programs, which provide challenging opportunities for outstanding students like you to develop your exceptional talent and ability.

**Quality Curriculum and Instruction**

The Academy faculty adapts instruction and course content to your special abilities. Each course aims to engage your mind with critical and creative thinking skills infused across the curriculum. Many of the courses are interdisciplinary, covering more than one area of study. For example, the writing course combines thinking, argumentation and writing skills, adapting a teaching model used in UCI undergraduate courses. All courses help you to develop better test taking skills.

Most courses encourage you to collaborate with your peers, working in groups of students with similar ability. Utilizing university resources, you gain an insider's view of a major research institution. For example, if you take a science course, you will have access to some of the university's world-class laboratories, such as those used by UCI Nobel Laureates Professor F. Sherwood Rowland, chemistry, and the late Professor Frederick Reines, physics and astronomy.

Many guest lecturers are UCI affiliated researchers or staff members. Our instructors are highly qualified middle school, high school, university or community college teachers. Instructors are recruited for expertise in their subject area and experience with academically talented students.
Eligibility

You are eligible to apply for the Gifted Students Academy if you are presently in Grades 5 - 8 for the 2006-2007 school year, and if you have satisfied one of the requirements below:

- if you have successfully participated in the UCI Academic Talent Search in years 2006-2007.
- if you have scored in the 95th through 99th percentile on any subtest in math or verbal reasoning of a recent standardized achievement test. (Please enclose a copy of your most recent results along with a letter of recommendation signed by a gifted / GATE counselor or school administrator.)
- if you have been identified as gifted by an accredited school or school district (documentation of status as GATE student must be provided).
- if you are an alumnus of UCI Gifted Students Academy from 2004 - 2006, you do not need to submit any additional documentation. However, you do have to indicate on the application the year(s) you attended for record verification.

Application and Registration Procedures

Apply to the Gifted Students Academy and register for classes by completing the application and course registration forms included in this catalog (pages 12-15).

The deadline for submitting an application for admission to the UCI Gifted Students Academy is Friday, May 25, 2007. We urge you to apply early as space is limited. Eligible students are admitted on a first come, first served basis. Enrollments continue after the deadline on a space available basis.

Satisfaction of the minimum requirements for eligibility does not guarantee admission to the UCI Gifted Students Academy.

NOTE: All of the documentation must accompany your application. Discovery of falsely reported student test data will be considered grounds for expulsion from the program. No refunds will be made to students dismissed from the program.

Applications cannot be processed until all requested information is completed. Incomplete applications will be returned which could delay your application process.

The heavy volume of Academy applications makes it difficult to give first choices to everyone. Please make sure that the session dates you have designated will conform to any personal future-planning eventuality.

Confirmation packets and student class assignments are sent 2 to 3 weeks prior to each session. It is not possible to make changes once packets have been mailed.

“My two classes were Biology and Astronomy. I liked the classes because I learned so many new things. This experience encouraged me to have fun and learn at the same time.”

—GSA Student
Registration Fees

The registration fees for the UCI Gifted Students Academy are:

- **Commuter session** is $495 (includes lunch) plus an additional non-refundable application fee of $50.

- **Residential session** is $895 plus an additional non-refundable application fee of $50. Note: Several courses have lab fees, which are outlined in the course descriptions.

To apply, please see application section beginning on page 12.

International Students

For international students, there is a non-refundable application fee of $50 plus a $100 deposit. This $100 payment will be applied to the total cost of the program when you are accepted to the UCI Gifted Students Academy. If registration is received by May 1, 2007, $150 will be applied to the total cost of the program.

(Prepare to refer to "Fees" on page 15.)

Please send the Gifted Students application form, registration form, and appropriate eligibility documents with your payment. Checks should be made payable to UC Regents. Visa and MasterCard are also accepted.

There are **NO REFUNDS EXCEPT** if serious accidents or illness prevents an accepted student from entering or completing a scheduled session. A partial refund will be made upon a request made in writing by the parent or guardian, accompanied by a doctor's written statement. The Academy Director will make such refund decisions. This is the only exception to the "no refund" policy.

Students who meet the minimum eligibility requirements, but are denied admission to the UCI Gifted Students Academy due to lack of space will receive a full refund of their registration fee. This policy does not apply to students who are admitted but placed in a course other than their first choice of major and/or elective.

Financial Aid Notice

A limited number of scholarships are available for applicants who are in need of financial aid. The number of students we can serve is contingent upon donor support. A committee of UCI instructors, UCI financial aid officers, and UCI's designees select financial aid scholarship recipients.

If you are applying for financial aid, the deadline for receipt of completed application and financial aid forms is May 1, 2007. No financial aid applications will be accepted after this date.
Student Conduct

Students may be dismissed from the Gifted Students Academy for any of the following reasons: not attending to their academic work in a satisfactory manner; not cooperating with their instructors; possession or use of alcohol, drugs, or tobacco; leaving the campus unaccompanied by a staff member or guardian; stealing; misuse of or damage to university equipment or property; or any violation of the safety or well-being of any person. Residential students are required to follow additional rules and may be dismissed for being absent from their rooms after lights-out, or not cooperating with their residential advisor (RA). No refunds will be made to students dismissed from the program.

Attendance is taken in every class. Absences are reported daily. Parents are notified of absences. If a student must be absent for any reason, it is important that the Gifted Students Academy Office be notified by parent or guardian in advance in order to maintain accurate attendance records and to notify the student’s teacher.

Commuter Daily Schedule

8:50AM Drop-Off (no students are to be dropped off and left unattended prior to 8:50 A.M.)
9:00AM - 12:30PM Morning Class
12:30 - 1:15PM Lunch
1:15 - 3:45PM Afternoon Class
4:00 - 4:15PM Pick-Up

NOTE: All commuter students must be picked up by 4:15 p.m. If an emergency occurs, the Gifted Students Academy Office must be notified at (949) 824-5069. Students not picked up by 4:15 will be returned to the Housing Conference Service Office to await pick up.

Residential Daily Schedule

7:00 - 8:45AM Breakfast
9:00AM - 12:30PM Morning Class
12:30 - 1:15PM Lunch
1:15 - 3:45PM Afternoon Class
3:45 - 4:30PM Return to Dorm / Prepare for group activities / Make phone calls
4:30 - 5:30PM Activities
5:30 - 6:30PM Dinner
6:30 - 8:00PM Activities / Special Programs/ Dorm Meetings / Make phone calls
8:00 - 9:30PM Study Time
9:30 - 10:30PM Free Time / Dorm Gatherings
10:30PM Lights Out

Commuter Meals

The cost of commuter lunch is included in the fee. All students, residential and commuters, will have lunch in the campus Dining Hall at the residence housing complex. Meals are served cafeteria style, and the menu offers a wide selection of food with fresh fruit and an array of salads daily. The cost of commuter lunch is included in the fee. No students will be permitted to eat in any other area. Wristbands are used for admission to the Dining Hall. A fee of $10 is charged to replace a lost wristband.

“I really enjoyed my time this part summer at GSA. My teachers were really cool and the size of the class allowed us to really work one-on-one. This experience gave an idea of what it’s like to live in a dorm and allowed me to learn about the UCI campus.”

—GSA Student
More Program Information

Residential Meals
All students, residential and commuters, will have lunch in the campus residential Dining Hall. Students have pre-paid meal plans. Meals are served cafeteria style, and the menu offers a wide selection of food with fresh fruit and an array of salads daily. Meals are served three times per day.

Residence Halls
Spaces are limited in the residence hall. Requests are filled on a first come, first served basis and notification will be included in the acceptance letter and class schedule mailing in mid June.

Academy students will be housed in UCI's residential halls. These residential halls are divided into suites of four or five double rooms (single rooms are not available), with living room and bath; each residence hall also contains a lounge, recreation and study rooms. Each room has carpeting and is furnished with a bed, chair, chest of drawers, closet and bookshelves for each student. Students are assigned roommates of similar age. Students may indicate a roommate preference on your application, but the Academy administrative staff makes final roommate assignments.

Hours of Operation
The residence halls are closed to students on weekends. Parents or guardians must agree to make their own living arrangements for their children each Friday from 5:00 P.M. to Sunday at 4:00 P.M.

Parents should note that UCI assumes no responsibility for lost, stolen, or damaged articles during the program.

Residential Advisors
Residential students are supervised throughout their stay on campus by Gifted Students Academy staff. Resident Advisors (RAs) supervise students outside the classroom. Residential advisors (RAs) are UCI undergraduate and graduate young adults who have received special training in working with gifted youth prior to the program.

Residency Fees
The registration fee for residential students includes courses, room and meals, and activities. Applicants applying to live in a residential hall must include full payment of the residence hall fee in advance. The residency fee will be refunded in full if UCI is unable to accommodate the student. NOTE: You will receive a meal wristband upon arrival along with a room key card. If either one, or both of these items are misplaced, damaged or not returned at the time of check out, you will be billed with the following charges: $25 for the key card and $10 for the meal wristband.

Medical Services
Emergency medical services are available for students at the UCI Student Health Center. Facilities include a complete out patient clinic staffed by physicians and nurses, supported by an X-ray and clinical laboratory. All parents must complete and sign the “Emergency Information Release” section of the application as a condition of admission to the UCI Gifted Students Academy.

NOTE: It is the parent’s responsibility to have primary party health insurance.
SESSION B ONLY: Law, Ethics / Mock Trial, Part I & II
Instructor: Holly Zebari, Esquire

In this one-week course, students develop their own prosecutorial and defense strategies for a given criminal fact pattern. While doing so, you will get an overview of the judicial system in America, including the difference between civil and criminal law, why “not guilty” does not equal “innocent”, and how “ethics” differs by law for the Prosecution and Defense. The class will culminate in a one-day mock trial.
(Session B – July 9 – July 13)

Why I Teach This Class
I have enjoyed and appreciated the privilege and special access to courts and ultimately to justice given to me by virtue of my legal education. I realize that most citizens and visitors of the United States do not know the rights and privileges afforded them under the Federal and State Constitutions.

Today, it is more important than ever that our citizens, beginning with our youth, understand both their rights, and their responsibilities under the laws. The purpose of this course is to give students a rudimentary understanding of their lawful rights, access to courts, and procedural rules — as well as their responsibilities as citizens of the United States. Hopefully they will gain confidence in learning and asserting these important constitution rights in this course.

What Students Get Out of the Class
Students develop a sense of self-confidence, teamwork, individual autonomy, and public speaking skills in this class. It’s gratifying to see how they soar in legal skills development in a period of only one week. They learn logic and strategies that are applicable to all facets of life. Communication with parents is greatly improved as well when students learn to make dispassionate objections that involve reason rather than emotion.

SESSION B AND C ONLY: Game Analysis and Dissection
Instructor: Katie Fisher

Games today are sophisticated and varied in style and execution. What defines a successful game? Learn to identify the formulas and conventions used in the various genres of modern games by analytically playing and deconstructing a variety of games on various game consoles. Analyze new and old games for such elements as gameplay mechanics, incorporation of themes, pacing, and player immersion. You will examine a variety of games and create a game prototype on paper that can be played in class for an original game concept demonstrating understanding and incorporation of these lessons.
(Session B: July 9 - July 13 and Session C: July 16-20 Only!!)
This is an afternoon class only.
Anatomy
Explore the structure and function of the human body in this overview course. Topics of study include cells, tissues, organs, and organ systems. Dissection is a major part of the anatomy laboratory work. You will also perform a variety of physiology experiments as part of the study of each system. On campus field trips and speakers may be used to supplement the course content.

Biology
Survey some of the important principles, philosophies, and phenomena of biology. Animal and plant groupings are investigated through laboratory activities. We will have daily hands-on dissections and labs. On-campus visitations of working labs are included.

Building Your Character While Being Gifted
The Inspiration 52 - 12 Principles of Success will add Purpose, Destiny and Focus to your giftedness. As you impact the world with your gift, your character will allow you to impact others with your life! This session will help you learn how the universal principles of Integrity, Respect, Honesty, Courage, Perseverance, Effort, etc. will enhance your giftedness and impact your life, home, school, community and ultimately the world!

Chemistry
Experiment daily with laboratory learning activities and demonstrate basic types of chemical reactions including exothermic, endothermic, single replacement, double replacement, decomposition and synthesis. The periodic table and factors involving rates of reactions are also emphasized in the learning environment of a university research laboratory. Note: The UCI campus has safety regulations for the protection of students conducting experiments in laboratories. Students are required to wear long pants at all times. UCI Laboratories are air conditioned and well ventilated.

Critical and Creative Productive Thinking
All of us, whether we know it or not, are quite logical and creative. If you do not believe this statement, just think of the manner in which you make hundreds of decisions each and every day. This course focuses on the study of logic and critical thinking. It is designed to assist you in developing skills for reasoning effectively and independently in real-life, practical situations. These skills are essential for our day-to-day functioning. Critical thinking is an actual process, and we learn to do it better by becoming aware of and practicing thought processes. You will discover that your thinking abilities will become sharper by becoming an active participant in the class lectures, discussions, and the numerous interactive class activities, and by applying these ideas to your own experiences. This class culminates in student-developed problem solving team projects, which focus on the freedom to explore.

Critical Reading and Literary Analysis
The focus of this course will be to help you better understand inductive and deductive thinking as it relates to reading comprehension. The class will not only help you to improve your reading comprehension and analytical thinking skills, but also enhance your enjoyment of the works of Shakespeare. This course will demystify the works of William Shakespeare through the study of vocabulary, motif, characterization, and universal truths. Students will learn about the form and structure of verse passages and how to use the ‘action’ works to discover the meaning and intentions of the text. By reading A Midsummer Nights Dream aloud in class, students will sharpen reading comprehension skills while discovering the humor, poetry, and contemporary relevance of this most influential playwright through Socratic discussions and independent research. This course is a valuable preparation for high school English classes.

Digital Studio and Web Mastery Part I
The first part of this course will introduce digital graphic software such as Photoshop and Illustrator. We will use digital cameras, the Internet and graphic applications to create images and content for web design projects. You will learn scanning and digital imaging for use in web design projects.

In the second part of the course, you will use your artwork, text and found imagery to create web pages and individual web sites using the latest authoring software and create videos and animations in multimedia software such as Premiere and Final Cut Pro. Class time will be split between demonstrations, exercises and studio time. Emphasis will be placed on conceptual thinking and creativity.

Acceptance will be based on a one-page essay submitted with your application describing your computer competence, interest, and intent. To enroll you must attend the morning and afternoon sessions, selecting this class as a major and an elective. Note: A $75 Lab Fee is
required for this class. ($75 is total fee for parts I & II and will be collected first day of class.)

Digital Video Production Part I

Have you ever thought about working with video? Creating your own short films, music videos, documentaries, ads, training or infomercials? Then we have the class for you! The Digital Video Production Class will teach you how to create, capture, edit with cutting edge special effects, and output professional quality video for educational, business and personal needs. Using Intel based computers, such as you would find in the home, with Windows XP and off-the-shelf digital camcorders, capture devices and state of the art software such as Adobe Premiere Pro, After Effects and PhotoShop, you will create a variety of dazzling individual and team projects utilizing video and special effects you will then combine with music and sound effects to produce professional quality projects and create output such as Streaming Video, sophisticated DVD’s, Video CDs and more. You can do it!

Acceptance will be based on a one-page essay submitted with your application describing your computer competence, interest, and intent. To enroll you must attend the morning and afternoon sessions, selecting this class as a “Morning” and “Afternoon” class. Note: A $75 Lab Fee is required for this class. ($75 is total fee for parts I & II and will be collected first day of class.)

Genetics

Provides a current understanding of the gene based upon recent discoveries in genetics. The course begins with the fundamentals of cell division. It then traces the development of genetics from the pea plants of Mendel, through Watson and Crick’s double-helix model of DNA. We will also explore DNA replication, transcription and translation, as well as current topics in DNA technology and gene cloning. Laboratory exercises include techniques of microscopy, probability, and biochemical genetics. Guest speakers may be used to supplement the course material.

Law, Ethics / Mock Trial Part I & II

(Session B Only, July 9 - July 13)

In this one-week course, students develop their own prosecutorial and defense strategies for a given criminal fact pattern. While doing so, you will get an overview of the judicial system in America, including the difference between civil and criminal law why “not guilty” does not equal “innocent”, and how “ethics” differs by law for the Prosecution and Defense. The class will culminate in a one-day mock trial. To enroll you must attend the morning and afternoon sessions, selecting this class as a “Morning” and “Afternoon” class. This course is offered in Session B only.

Mathematics and Problem Solving

You will develop and apply a variety of problem solving strategies. You will work individually and as a team to solve interesting mathematical problems. Classic mathematical theorems, open questions and games will be explored. Basic techniques for proving mathematical theorems will be introduced.

Musical Theater

Students learn how to audition and how to perform selected scenes from recent Broadway musicals. Students prepare scenes requiring them to act, dance and sing. Some beginning dance skills desirable but not required.

Physics

From cars traveling on the freeway to planets flying through space, motion is a central feature of the world around us. In this class, you will study motion using a single, simple picture: the laws of physics. You will learn how to carefully describe the wide range of motions you encounter everyday in activities as diverse as sports, travel and observations of the natural world. The course will explain why the motion of the planets is no different than that of a thrown baseball. Students learn the techniques of laboratory investigation, qualitative reasoning and quantitative analysis in physics. Emphasis is also given to how physics relates to everyday life and to the historical, cultural and philosophical basis on which physics is constructed. No advanced math skills are required.

Thinking and Writing

Develop reading, critical thinking and creative strategies necessary for academic success. Emphasis is on writing as a tool for learning that fosters critical thinking. Writing and thinking exercises will help sharpen your skills in observations, comprehension, application, analysis, synthesis and evaluation.

Understanding Poetry

This course will provide you with the opportunity to explore a wide range of poetry. We will not only cover contemporary poets, but also read and discuss poetry dating back several hundred years. Since poetry began as an oral art form, many poems will be read aloud by participants. This allows for a much greater understanding of rhythms and cadences within the text. Upon completing this course, you will have found a broader, more compelling voice within yourself and also have fewer inhibitions when in front of a class or general audience.
Astronomy: Solar System and Stars
This class will cover the major elements of the Solar System from meteorites to gas giant planets. The course will also give an introduction to the current and major solar system exploratory missions. The section on Stars will focus on the night sky’s major constellations. We will learn about the electromagnetic spectrum, the life cycle of stars from birth to super nova, and the nature of black holes. Each class will be interactive, and will include on-campus field trips to some of UCI’s renowned science labs, lab demonstrations, group projects, and solar observations.

Beginning Art
Beginning art will explore many aspects of art. We will use a variety of media, including paint, colored pencil, paper mache and oil pastels. The materials will be used in a variety of projects inspired by artistic movements from the past and present. Participants are encouraged to express their personal interests and skills through the various projects. This class is designed to encourage you to explore your creative qualities. Novices to advanced level students are welcome to attend this fun and challenging one-week course.

Digital Studio and Web Mastery Part I
In this course, you will author web pages and individual web sites using the latest authoring software and create videos and animations in multimedia software such as Premiere and Final Cut Pro. Class time will be split between demonstrations, exercises and studio time. Emphasis will be placed on conceptual thinking and creativity.

Digital Video Production Part II
Have you ever thought about working with video? Creating your own short films, music videos, documentaries, ads, training or infomercials? Then we have the class for you! The Digital Video Production Class will teach you how to create, capture, edit with cutting edge special effects, and output professional quality video for educational, business and personal needs. Using Intel based computers, such as you would find in the home, with Windows XP and off-the-shelf digital camcorders, capture devices and state of the art software such as Adobe Premiere Pro, After Effects and Photoshop, you will create a variety of dazzling individual and team projects utilizing video and special effects you will then combine with music and sound effects to produce professional quality projects and create output such as Streaming Video, sophisticated DVDs, Video CDs and more. You can do it!

Digital Studio and Web Mastery Part II
The first part of this course will introduce digital graphic software such as Photoshop and Illustrator. We will use digital cameras, the Internet and graphic applications to create images and content for web sites. You will learn scanning and digital imaging for use in web design projects. In the second part of the course, you will use your artwork, text and found imagery to create web pages and individual web sites using the latest authoring software and create videos and animations in multimedia software such as Premiere and Final Cut Pro. Class time will be split between demonstrations, exercises and studio time. Emphasis will be placed on conceptual thinking and creativity.

Being Competitive in Mathematics Competitions
Learn techniques that help you compete in local and national mathematics contests. From the American High School Mathematics Examination (the first qualifying round leading to the U.S. and International Mathematics Olympiad) to MathCounts, we will take and dissect real exams to increase your chances of coming out on top.

Drama and Theatre Study: Simply Shakespeare
In this course, you will act out the words of Shakespeare. By playing multiple roles, you will become the characters in many scenes. Characters and scenes will be analyzed line by line so that participants
afternoon investigation.
a case study of a simulated crime scene
reasoning will be used in working through
collect and preserve evidence related to a
develop observational skills to locate,
are presented to enable students to
play in solving criminal acts. Activities
and biological sciences and the role they
concepts and techniques from the physical
This class is designed to illustrate
you in preparing for the SAT.
or Latin is required. This course assists
final project. No prior knowledge of Greek
incorporation of these lessons. This course
demonstrating understanding and
prototype on paper that can be played
a variety of games and create a game
player immersion. You will examine
incorporation of themes, pacing, and
analytically playing and deconstructing
the various genres of modern games by
Games today are sophisticated and varied
in style and execution. What defines
successful drama and theatre audition.
will provide you with key strategies for
preparing for the SAT.

Etymologies
Etymologies is the study of Latin and Greek elements that form a large part
of the English language vocabulary. Knowledge of these basic elements enables
you to expand your vocabulary and reading comprehension in all academic
disciplines. Course work involves whole-
group instruction as well as opportunities for independent study based upon
individual student interests. The class culminates in an exciting library-based
final project. No prior knowledge of Greek or Latin is required. This course assists
you in preparing for the SAT.

Forensic Science
This class is designed to illustrate concepts and techniques from the physical
and biological sciences and the role they play in solving criminal acts. Activities
are presented to enable students to
develop observational skills to locate,
collect and preserve evidence related to a
simulated crime. Inductive and deductive
reasoning will be used in working through
a case study of a simulated crime scene
investigation.

Game Analysis and Dissection
(Session B July 9 - July 13 and
Session C July 16-20 Only)
Games today are sophisticated and varied
in style and execution. What defines
a successful game? Learn to identify
the formulas and conventions used in
the various genres of modern games by
analytically playing and deconstructing
a variety of games on various game
consoles. Analyze new and old games for
such elements as gameplay mechanics,
incorporation of themes, pacing, and
player immersion. You will examine
a variety of games and create a game
prototype on paper that can be played
in class for an original game concept
demonstrating understanding and
incorporation of these lessons. This course
is offered Sessions B and C only.

Investigating Reading: Reading Like a
University Student
Reading at the university level is a
complex and involved process. To be a
truly excellent reader, students must go
beyond the texts that are examined and
take a look at factors extraneous to the
text. In this class students will utilize the
UC Irvine library to research the fascinating
history of the fairy tale and examine the
ways in which the fairy tale has changed
from its original oral tradition, to the
recorded versions of the Grimms, Perrault,
and up through the Disney versions of
the classic tale. Students will research
biographical information about the
author, the historical context of the work,
reactions to the work throughout history,
changes in specific tales and tale types
over time, and create their own version of
a fairy tale.

Law, Ethics / Mock Trial Part I & II
(Session B Only, July 9 - July 13)
In this one-week course, students develop
their own prosecutorial and defense
strategies for a given criminal fact pattern.
While doing so, you will get an overview of
the judicial system in America, including
the difference between civil and criminal
law why “not guilty” does not equal
“innocent”, and how “ethics” differs by law
for the Prosecution and Defense. The class
will culminate in a one-day mock trial. To
enroll you must attend the morning and
afternoon sessions, selecting this class as a
“Morning” and “Afternoon” class. This course
is offered in Session B only.

Marine Biology
Focus on the earth’s hydrosphere with
emphasis on ocean and estuary systems.
You will examine both the physical and
biological aspects of aquatic systems.
Topics include ocean geography, waves, tides,
El Nino, food webs and ocean life
featuring marine mammals.

Modern Frontiers in Chemistry
This course offers a study of contemporary
problems related in chemistry. The
topics covered include the atmosphere,
atmospheric environmental issues,
water, water pollution issues, household
chemicals, energy, polymers, waste
management, pharmaceuticals, and
food activities. Students interested in
environmental law or environmental
science, biology, chemistry, biochemistry
and the health sciences are encouraged to
take this course. This course provides an
excellent foundation for biology, chemistry
and environmental science in high school.
Note: The UCI campus has safety regulations
for the protection of students conducting
experiments in laboratories. Students are
required to wear long pants at all times. UCI
Laboratories are air conditioned and well
ventilated.

Writing and the Creative Self
This course will explore the art of
writing as a path to deeper self-
understanding. Through journaling and
the study of memoir, creative non-fiction,
autobiography, and personal archetypes,
students will expand their use of writing to
include self-reflection, creative expression,
communication, and negotiation. With
words as their tools, these scholars will
dig through material in order to excavate
a unique voice and vision. Students will
learn to view their memories and personal
histories as their own best resources, and
gain a comprehensive understanding of the
power and magic of words.
Application
Please complete 4-page application, remove from brochure and mail to address on page 15 or fax to number listed on page 15.

Application Deadline: Applications must be postmarked or faxed no later than Friday, May 25. Late applications will be processed only if space is available.

Student's Full Name ___________________________________________________________
FIRST / LAST / MIDDLE INITIAL

Address _____________________________________________________________
STREET

Address _____________________________________________________________
CITY / STATE / ZIP / COUNTRY IF OUTSIDE U.S.

Date of Birth _________________________ Age ______________________ Gender: □ M □ F
MONTH / DATE / YEAR

Email Address___________________________________________________ Home Phone (_________) ____________________

Student is: □ Previous Attendant □ New Applicant

New applicants are requested to include documentation of program eligibility. Check the item(s) that are enclosed to verify your eligibility:

❑ Standardized Test Results  ❑ GATE identification by accredited school or district  ❑ Other: ____________________________

Did applicant participate in UCI Academic Talent Search? □ Yes □ No If yes, which year _______________________

Has applicant participated in previous summer programs for gifted students? □ Yes □ No

Name of Program(s) ____________________________ Location _____________________________ Dates Attended _______

T-shirt Size Preferred: □ Small □ Medium □ Large □ Extra Large

School Name _______________________________________________________________________________________________

School Address _____________________________________________________________________________________________
CITY / STATE / ZIP

Type of School: □ Public □ Private/Independent □ Parochial □ Other: ____________________________

Principal ________________________ GATE Coordinator _____________________________

Grade in 2006-2007: □ 5th □ 6th □ 7th □ 8th

Parent/Guardian #1 Information _____________________________________________________________ RELATIONSHIP

FIRST AND LAST NAMES

Employer _____________________________________________________________ Business Phone (_________) ____________________

Cell Phone (_________) ______________________ E-mail _____________________________________________________________

Parent/Guardian #2 Information _____________________________________________________________ RELATIONSHIP

FIRST AND LAST NAMES

Employer _____________________________________________________________ Business Phone (_________) ____________________

Cell Phone (_________) ______________________ E-mail _____________________________________________________________

Student resides with: □ Parent/Guardian #1 □ Parent/Guardian #2 □ Both

❑ I plan to attend Parent/Student Orientation Preview – Saturday, April 21, 2007, 2:00 P.M. Location: UCI Engineering Lecture Hall 100
**MEDICAL/EMERGENCY INFORMATION**

Please complete carefully. This form will be used as the student’s emergency card and must be completely filled out and returned at the time you register.

<table>
<thead>
<tr>
<th>Student’s Name</th>
<th>_____________________________________________________________________________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Contact Name</td>
<td>_______________________________________________________________________________________</td>
</tr>
<tr>
<td>Emergency Contact Phone</td>
<td>(______) _____________________ Relationship to Camper ______________________________</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Doctor’s Name</th>
<th>________________________________ Phone (_____) ______________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insurance Name</td>
<td>___________________________ Policy/Group No. ___________________________</td>
</tr>
</tbody>
</table>

Does your child have any physical handicaps or illnesses?  ❑ Yes  ❑ No

If yes, please identify ______________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

Is your child currently taking any medications or under a physician’s care?  ❑ Yes  ❑ No

If yes, please describe _____________________________________________________________________________________

Has your child ever had a reaction to medications under a physician’s care?  ❑ Yes  ❑ No

If yes, describe symptoms and list the medications/foods to which your child is allergic.

Allergies: _________________________________________ Symptoms: ____________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

_________________________________________________________________________________________________________

PARENT RELEASE WAIVER

Your signature is required to allow treatment of your child at the UCI Student Health Center, or other emergency care centers in case of emergency.

UCI staff members are authorized to use their discretion to secure emergency medical aid, including paramedics. Further, I hereby release the University of California, Irvine and its employees from any liability while my child/children attends/attend classes, class activities, or reside in dormitories.

______________________________________________________________
SIGNATURE AUTHORIZATION OF PARENT OR LEGAL GUARDIAN  DATE
Please indicate below your choice of courses for the session(s) you will be attending. Second and Third choices **must** be indicated.

<table>
<thead>
<tr>
<th>COURSE REGISTRATION</th>
<th>COURSE REGISTRATION</th>
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</thead>
<tbody>
<tr>
<td>Please indicate below your choice of courses for the session(s) you will be attending. Second and Third choices <strong>must</strong> be indicated.</td>
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</tr>
<tr>
<td><strong>MORNING COURSES</strong></td>
<td><strong>AFTERNOON COURSES</strong></td>
</tr>
<tr>
<td>Refer to morning course descriptions on page 8.</td>
<td>Refer to afternoon course descriptions on page 10.</td>
</tr>
<tr>
<td>Anatomy</td>
<td>Argumentation and Debate</td>
</tr>
<tr>
<td>Biology</td>
<td>Astronomy: Solar System and Stars</td>
</tr>
<tr>
<td>Building Character while Being Gifted</td>
<td>Beginning Art</td>
</tr>
<tr>
<td>Chemistry</td>
<td>Being Competitive in Mathematics Competitions</td>
</tr>
<tr>
<td>Critical and Creative Productive Thinking</td>
<td>Digital Video Production Part II</td>
</tr>
<tr>
<td>Critical Reading and Literary Analysis</td>
<td>Digital Studio and Web Mastery Part II</td>
</tr>
<tr>
<td>Digital Studio and Web Mastery Part I</td>
<td>Drama and Theatre Study: Simply Shakespeare</td>
</tr>
<tr>
<td>Digital Video Production Part I</td>
<td>Etymology</td>
</tr>
<tr>
<td>Genetics</td>
<td>Forensics Science</td>
</tr>
<tr>
<td>Law, Ethics / Mock Trial PartI</td>
<td>Game Analysis and Dissection (Session B and C only)</td>
</tr>
<tr>
<td>Mathematics and Problem Solving</td>
<td>Investigating Reading: Reading Like a University Student</td>
</tr>
<tr>
<td>Musical Theater</td>
<td>Law, Ethics / Mock Trial Part II</td>
</tr>
<tr>
<td>Physics</td>
<td>Marine Biology</td>
</tr>
<tr>
<td>Thinking and Writing</td>
<td>Modern Frontiers in Chemistry</td>
</tr>
<tr>
<td>Understanding Poetry</td>
<td>Writing and the Creative Self</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>MORNING</th>
<th>AFTERNOON</th>
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<tbody>
<tr>
<td>Session A: June 25 - June 29 (5 Days)</td>
<td>___________________________</td>
</tr>
<tr>
<td>1st Choice</td>
<td>1st Choice</td>
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<tr>
<td>2nd Choice</td>
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<td>3rd Choice</td>
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<tr>
<th>MORNING</th>
<th>AFTERNOON</th>
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<tbody>
<tr>
<td>Session B: July 9 - July 13 (5 Days)</td>
<td>___________________________</td>
</tr>
<tr>
<td>1st Choice</td>
<td>1st Choice</td>
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<tr>
<td>2nd Choice</td>
<td>2nd Choice</td>
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<tr>
<td>3rd Choice</td>
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<table>
<thead>
<tr>
<th>MORNING</th>
<th>AFTERNOON</th>
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<tbody>
<tr>
<td>Session C: July 16 - July 20 (5 Days)</td>
<td>___________________________</td>
</tr>
<tr>
<td>1st Choice</td>
<td>1st Choice</td>
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<td>2nd Choice</td>
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<td>3rd Choice</td>
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<thead>
<tr>
<th>MORNING</th>
<th>AFTERNOON</th>
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<tbody>
<tr>
<td>Session D: July 23 - July 27 (5 Days)</td>
<td>___________________________</td>
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<tr>
<td>1st Choice</td>
<td>1st Choice</td>
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<tr>
<td>2nd Choice</td>
<td>2nd Choice</td>
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<td>3rd Choice</td>
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<thead>
<tr>
<th>MORNING</th>
<th>AFTERNOON</th>
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<tbody>
<tr>
<td>Session E: July 30 - August 3 (5 Days)</td>
<td>___________________________</td>
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<tr>
<td>1st Choice</td>
<td>1st Choice</td>
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<td>2nd Choice</td>
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<td>3rd Choice</td>
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</tbody>
</table>

**Resident Students only:** We do our best to accommodate roommate requests, but cannot guarantee placement. Both students must request each other and the request must be submitted before the deadline for enrollment for the request to be considered.

**ROOMMATE REQUEST:**

**FIRST NAME** ___________________________  **LAST NAME** ___________________________  **GRADE** ___________________________
### Commuter Student Registration Fees

<table>
<thead>
<tr>
<th>SESSION</th>
<th>SESSION DATES</th>
<th>COURSE Fee ONLY</th>
<th>AMOUNT YOU ARE PAYING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session A</td>
<td>Mon. June 25 - Fri. June 29</td>
<td>$495</td>
<td></td>
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<tr>
<td>Session B</td>
<td>Mon. July 9 - Fri. July 13</td>
<td>$495</td>
<td></td>
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<tr>
<td>Session C</td>
<td>Mon. July 16 - Fri. July 20</td>
<td>$495</td>
<td></td>
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<tr>
<td>Session D</td>
<td>Mon. July 23 - Fri. July 27</td>
<td>$495</td>
<td></td>
</tr>
<tr>
<td>Session E</td>
<td>Mon. July 30 - Fri. August 3</td>
<td>$495</td>
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</tbody>
</table>

Please Enter the Total Amount You are Paying for Commuter Sessions

### Residential Student Registration Fees

<table>
<thead>
<tr>
<th>SESSION</th>
<th>SESSION DATES</th>
<th>COURSE &amp; DORM Fee</th>
<th>AMOUNT YOU ARE PAYING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session A</td>
<td>Sun. June 24 - Fri. June 29</td>
<td>$895</td>
<td></td>
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<tr>
<td>Session B</td>
<td>Sun. July 8 - Fri. July 13</td>
<td>$895</td>
<td></td>
</tr>
<tr>
<td>Session E</td>
<td>Sun. July 29 - Fri. August 3</td>
<td>$895</td>
<td></td>
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</tbody>
</table>

Please Enter the Total Amount You are Paying for Residential Sessions

$50 Nonrefundable Application Processing Fee: $50

Application and Payment Deadline: Applications and payment must be postmarked or faxed no later than Friday, May 25, 2007. Late Applications will be processed only if space is available.

Payment may be made by check or credit card. Make checks payable to UC REGENTS and mail to address below; if paying by credit card, enter card number at bottom of this form and fax or mail your application.

Mail Application to: Gifted Students Academy
University of California, Irvine
Center for Educational Partnerships
5171 California Ave., #150
Irvine, CA 92697-2505

Fax Application to: GSA (949) 824-1653
(for credit card payment only, please)

Check out our website: www.cfep.uci.edu/gsa/

- [ ] Check Enclosed (Payable to UC REGENTS) ...................................................................................... $ _________________
- [ ] Money Order Enclosed .......................................................................................................................... $ _________________
- [ ] Please charge my credit card: [ ] Visa [ ] MasterCard [ ] American Express [ ] Discover ...............

Card # ______________________________________________________________ Card Exp. Date: ________________________

Cardholder's Name (please print) ______________________________________________________________________________

Cardholder's Signature _______________________________________________________________________________________

Daytime Phone (______) ______________________________________________________________________________________

Confirmation letters and student class assignments are sent 2 to 3 weeks prior to each session.
INSTRUCTIONS FOR FINANCIAL AID APPLICANTS – FINANCIAL AID OPPORTUNITIES ARE SEVERELY LIMITED

If you wish to be considered for need/merit based financial aid, complete and submit the following materials, along with your complete application for admission, to the Gifted Students Academy by May 1, 2007 (postmark date).

➤ Financial Aid Application Form (see below)
➤ Signed copies of both parent's and student's 2006 federal tax returns
➤ Proof of qualification for free or reduced lunch

The Gifted Students Academy office makes financial aid decisions after the application and admissions process is complete. Please be advised that financial awards are meant to assist students who could not otherwise attend the Gifted Students Academy. The availability of aid is contingent upon corporate sponsorship, therefore awards are limited.

Send the completed 2007 Financial Aid Application Form and signed copies of 2006 tax returns to:
Program Coordinator, Gifted Students Academy
University of California, Irvine Center for Educational Partnerships
UCI Gifted Students Academy
5171 California Ave., #150
Irvine, CA 92697-2505-07

Completion of all items is highly recommended to present the best profile of need.

Student Applicant ____________________________  Social Security # ____________________________
LAST  FIRST  MIDDLE

Home Address ____________________________  Phone # ____________________________
City _________________________________________________________ State ________________  Zip ____________

Email Address _______________________________________________________________________________________

Student Information
List the student's assets (include custodial accounts, real estate, car, etc.) Current Value:

Cash and Savings $ __________________
Uniform Gifts to Minors (UGMA) $ __________________
Stocks, Bonds, CDs, Investments $ __________________

Family Information
List all those in your household dependent upon parent(s) in 2005-2006. Include Pre-College applicant, parent(s), brothers and sisters, and other relatives. Include costs for private elementary, junior high, and high schools, but list all household members whether in school or not.

<table>
<thead>
<tr>
<th>Name</th>
<th>Your relationship to student</th>
<th>Age</th>
<th>Name of anticipated school/college</th>
<th>Year in school</th>
<th>Full-time yes/no</th>
<th>Live at school? yes/no</th>
<th>Parent's contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</tbody>
</table>
Parent Information
Indicate parent’s income from any of these sources:

<table>
<thead>
<tr>
<th>Taxable Income 2006</th>
<th>Estimated 2007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total wages (from W-2, Box 1)</td>
<td></td>
</tr>
<tr>
<td>Interest income</td>
<td></td>
</tr>
<tr>
<td>Dividend income</td>
<td></td>
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<tr>
<td>Alimony</td>
<td></td>
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<tr>
<td>Net business/farm income</td>
<td></td>
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<tr>
<td>Net rental income</td>
<td></td>
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<tr>
<td>Social Security Benefits</td>
<td></td>
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<tr>
<td>(mo. amount for applicant $ _____) When will it end? _____ mo/yr</td>
<td></td>
</tr>
</tbody>
</table>

**Nontaxable Income**

| Veteran’s Benefits |   |   |
| Child support received for all children |   |   |
| (mo. amount for applicant $ _____) When will it end? _____ mo/yr |   |   |
| Deductible IRA/KEOGH payments made by parent |   |   |
| Voluntary payments made by parent to tax-deferred pension/savings (401K/403B) |   |   |
| Pension Benefits |   |   |
| Housing Allowance |   |   |
| Other non-taxable income (foreign income, tax-exempt interest, welfare benefits, etc.) |   |   |

**TOTAL INCOME**

**Own**

Rent home

Monthly mortgage/rent $ ________________

Year of home purchase __________

Purchase amount $ ________________

Current market value of home $ ________________

Own on home $ ________________

List parent’s, stocks and bonds, investments, other real estate, cash and savings

<table>
<thead>
<tr>
<th>CASH &amp; SAVINGS</th>
<th>Year Purchased</th>
<th>Purchase Price</th>
<th>Current Market Value</th>
<th>Current Debt</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ ________________</td>
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</table>

I certify that the information presented is correct at this time.

I understand that said information is confidential.

Applicant signature ___________________________________________________________ Date ____________

Applicant signature ___________________________________________________________ Date ____________
“I would like to thank the Gifted Student Academy! I’m feeling so proud and excited to see my daughter so enthusiastic about school and her school work!”

—GSA Parent

“I liked all the experiments in Chemistry and I also enjoyed Critical Reading. The residential experience taught me to be more sociable and to make friends easily.”

—GSA Student