

Summer Institutes 2007 Education Program for Gifted Youth Stanford University



Application Packet for students resident in Hong Kong

This packet contains the following:

1. Important information for EPGY Summer Institutes Applicants
2. EPGY Summer Institutes Program Description
3. EPGY Summer Institutes Application Form
4. Teacher Recommendation Form
5. Guidelines for submitting samples of your work

If you have not already done so, please fill out your email address below so that we can maintain proper communication with you:

email:

A complete application consists of the following:

1. Application Form Parts 1- 6 . Please write legibly in dark ink or type the information you enter on the Application Form. Please put the parts of the application in order before mailing them.
2. Payment of the non-refundable HK\$350 application fee by cheque made payable to InfoKids.
3. Copies of standardized test results; any standardized test score is acceptable. Please see the EPGY web site for examples of acceptable standardized tests: go to <http://www.infokids.com.hk/summer2007/department/admissions.html> and click on the "Materials" link.
4. A sample of your work. Most courses require a work sample (see guidelines on the last page of the application packet). For typed writing samples *only*, please send an electronic copy in addition to the hard copy that you mail in. You can send us the electronic copy by e-mail or on a disk.
5. A copy of your school transcript (*unofficial transcripts are acceptable*).
6. Teacher Recommendation Form (mailed or faxed by your teacher). Please have this form sent from a teacher who is qualified to comment on your performance and ability in the Summer Institute subject area(s) to which you are applying. You may submit more than one recommendation form. Please make sure you write your name and student number on this form.

Mailing address: EPGY Hong Kong Administrative Center 6/F Catic Plaza 8 Causeway Road
Causeway Bay Hong Kong Attn: EPGY Summer Institutes 07;
Fax: 2504 2669, Email: epgy@infokids.com.hk Phone: 2504 2228

EPGY Summer Institutes 2007

Important Information for EPGY Summer Institutes Applicants

- Tuition for the EPGY Summer Institutes: Tuition for Sessions 1 and 2 is \$3950. Tuition for Session 2E is \$5100. This cost covers room and board in university housing, course materials, field trips and transportation to and from the San Francisco Airport. EPGY does not offer an installment plan for tuition payments.
- You may attend multiple sessions but may only take one course per session.
- Admission to the EPGY Summer Institutes is based on review of the materials submitted as part of this application packet. Applications are reviewed according to the subject areas to which you are applying. Please submit materials that show your academic ability and level of interest in those subject areas.
- The Summer 2007 courses, grouped by subject area, are as follows:

Session 1: June 24-July 13 • Session 2: July 16-August 4 • Session 2E: July 16-August 11			
Course	Session	Age on first day of session	Current Grade
Business			
Introduction to Business	1	14—16	9—10
Investigations in Business	2E	15—17	10—11
Computer Science			
Introduction to Computer Programming: Java and Robotics	1,2	13—15	8—9
Humanities			
Investigations in the Humanities: Classical Era	1	13—16	8—10
Investigations in the Humanities: Renaissance Era	1	13—16	8—10
Investigations in the Humanities: Art in America	2	14—17	9—11
Investigations in the Humanities: 20th Century	2	14—17	9—11
Mathematics			
Mathematical Logic and Problem Solving	1	13—15	8—9
Mathematical Investigations: Number Theory	1	14—17	9—11
Math Olympiad Problem Solving	2	13—15	8—9
Mathematical Investigations: Geometries	2E	14—17	9—11
Music			
Music Theory	1	13—16	8—10
Science and Engineering			
Introduction to Cosmology	1	14—17	9—11
Theory of Relativity	1	15—17	10—11
Introduction to Engineering	1	15—17	10—11
Introduction to Bioscience and Biotechnology	1	15—17	10—11
Introduction to Geology	2	13—16	8—10
Investigations in Physics: Particle Physics	2	14—17	9—11
Investigations in Bioscience and Biotechnology	2E	15—17	10—11
Quantum Mechanics	2E	15—17	10—11
Investigations in Engineering	2E	15—17	10—11
Writing			
Expository Writing	1,2	13—15	8—9
Creative Writing	1,2	13—15	8—9
Expository Writing	1,2E	15—17	10—11
Creative Writing	1,2E	15—17	10—11

Summer Institutes 2007

Education Program for Gifted Youth

Stanford University



EPGY Summer Institutes 2007 Program Description

The EPGY Summer Institutes are three and four week residential summer programs on the Stanford University campus. The programs are designed for highly-motivated students who want to enrich and accelerate their academic pursuits and share this experience with others who have similar interests and abilities. Past EPGY Summer Institutes participants have come from 44 countries and 49 states, and students leave with a sense of academic accomplishment, new friends, and fond memories of a wonderful time spent at Stanford University. Summer Institutes participants live in supervised Stanford housing and are taught by Stanford instructors. Students engage in intensive study in a single subject and are introduced to topics not typically presented at the high-school level. The Summer Institutes provide a taste of college life in the beautiful surroundings of the Stanford campus.

Course offerings are for students currently in grades 8 through 11. Summer Institutes subject areas include mathematics, science, writing, humanities, computer science, engineering, business, and music. The instructors are assisted by undergraduate and graduate student mentors who have expertise in the course subject areas. These mentors serve a dual role of Residential Counselor and Teaching Assistant so that the academic and social aspects of the program are tightly integrated. Summer Institutes courses may be supplemented with guest lectures and special projects involving Stanford faculty.

Approximately 40 students and 6 residential counselors will occupy each residence, with the students in the residence attending the same course. Rooms for boys and girls are on separate floors, or in separate parts of the residence. Students spend the morning in a classroom setting with their instructor, and then from lunch through mid-afternoon they work individually and in small groups with the teaching assistants. Following this study time, the students break from the academic side of the program and select from a wide selection of activities, ranging from sports and games to art and music. On weekends there are off-campus excursions to local points of cultural, historic, and scenic interest in the San Francisco Bay Area.

Enrollment in all sessions is limited. Students are selected based on grades, performance on standardized exams, teacher recommendations, work samples, and reasons for wanting to come to the Summer Institutes which are expressed in the free-response questions on the application form. Application deadlines and more information about the program are available on the EPGY Summer Institutes web site (<http://infokids.com.hk/summer2007/institutes.html>).

Name: _____
Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 1 Personal Information (Page 1 of 2)

Last name: _____ **First name:** _____

Preferred First name (if other than listed): _____

Gender: male female

Current Grade in School: _____

First language (if other than English): _____

Language(s) spoken at home: _____

School Name: _____

Type of School: Public Private
If private, check one: home-based independent religious

School Address:

Street address: _____

City: _____ State: _____ Zip Code: _____

Country: _____

Please list all schools and summer programs you have attended, beginning with 6th grade.

Name of School/Program	Location	Dates attended	Reason for leaving

Name: _____
Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 1 Personal Information (Page 2 of 2)

Test Scores

Please include original or photocopy of standardized test score results. A list of common standardized tests is available on our web site at:

<http://www.infokids.com.hk/summer2007/department/admissions.html> and click on the "Materials" link

Please indicate below the test(s) that you are submitting:

Name of Test	Date Taken	Score

The standardized test requirement may be waived for International students. If you are an International student you may check the box below:

I am an International student AND I have not taken any of the standardized tests listed on <http://www.infokids.com.hk/summer2007/department/admissions.html> and click on the "Materials" link, nor have I taken any similar tests.

Teacher Recommendation Form:

At least one teacher recommendation form is required in order for your application to be complete. Please list below at least one teacher who will be providing a recommendation for your application.

Teacher Name	Teacher Phone/ E-mail

Name: _____

Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 2

Session Preferences

This form is for you to indicate your session and course preferences. The information you provide on this form will be used in place of the information you entered in the on-line preliminary application form.

Session Preference (please check only one box)

I prefer Session 1 (June 24- July 13) *If you check this box your application will be reviewed for Session 1 first, and it will not be reviewed for Session 2 unless we are unable to place you in one of your Session 1 choices.*

I prefer Session 2 (July 16- August 4 or July 16- August 11 for the four week courses). *If you check this box your application will be reviewed for Session 2 first, and it will not be reviewed for Session 1 unless we are unable to place you in one of your Session 2 choices.*

I have equal preference for Session 1 and Session 2, but I want to attend just one session. *If you check this box your first choices for Session 1 will be considered equally with your first choices for Session 2, and similarly for your second choices and third choices; however, you can take only one course per session.*

I would like to attend both Session 1 and Session 2. *If you check this box, your application will be reviewed for both your Session 1 preferences and your Session 2 preferences. Note that admission to a course in one session does not guarantee admission into a course in the other session.*

Name: _____

Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 3

Course Preferences

Mark the check boxes below according to whether the course is your first (1st), second (2nd), or third (3rd) choice. Do not check any courses that you are not interested in attending.

Session 1 Courses

For those currently in grades 8-9

- 1st 2nd 3rd Introduction to Computer Programming: Java and Robotics
 1st 2nd 3rd Mathematical Logic and Problem Solving
 1st 2nd 3rd Creative Writing
 1st 2nd 3rd Expository Writing

For those currently in grades 8-10

- 1st 2nd 3rd Music Theory
 1st 2nd 3rd Investigations in the Humanities: Classical Era
 1st 2nd 3rd Investigations in the Humanities: Renaissance Era

For those currently in grades 9-10

- 1st 2nd 3rd Introduction to Business

For those currently in grades 9-11

- 1st 2nd 3rd Introduction to Cosmology
 1st 2nd 3rd Mathematical Investigations: Number Theory

For those currently in grades 10-11

- 1st 2nd 3rd Introduction to Bioscience and Biotechnology
 1st 2nd 3rd Introduction to Engineering
 1st 2nd 3rd Theory of Relativity
 1st 2nd 3rd Creative Writing
 1st 2nd 3rd Expository Writing

Session 2 Courses

For those currently in grades 8-9

- 1st 2nd 3rd Introduction to Computer Programming: Java and Robotics
 1st 2nd 3rd Creative Writing
 1st 2nd 3rd Expository Writing
 1st 2nd 3rd Math Olympiad Problem Solving

For those currently in grades 8-10

- 1st 2nd 3rd Introduction to Geology

For those currently in grades 9-11

- 1st 2nd 3rd Investigations in the Humanities: 20th Century
 1st 2nd 3rd Investigations in the Humanities: Art in America
 1st 2nd 3rd Investigations in Physics: Particle Physics

For those currently in grades 9-11 (4 weeks – Session 2E)

- 1st 2nd 3rd Mathematical Investigations: Geometries

For those currently in grades 10-11 (4 weeks – Session 2E)

- 1st 2nd 3rd Investigations in Bioscience and Biotechnology
 1st 2nd 3rd Investigations in Engineering
 1st 2nd 3rd Quantum Mechanics
 1st 2nd 3rd Investigations in Business
 1st 2nd 3rd Creative Writing
 1st 2nd 3rd Expository Writing

Name: _____
Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 4

Supplementary Information (page 1 of 2)

1. List any academic summer camps that you have previously attended. Indicate how many weeks the program lasted, and whether it was a residential program. Use a separate page if necessary.

2. List any extra-curricular academic activities in which you have participated during the last three years, in order of their importance to you; for example, math or science clubs, literary magazines, etc. Use a separate page if necessary.

3. List all academic contests and competitions, including science fairs, in which you have participated, giving your score and/or ranking if possible. Use a separate page if necessary.

Name: _____
Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 4

Supplementary Information (page 2 of 2)

4. Some of the EPGY Summer Institutes courses have prerequisites. These prerequisites can be viewed by going to the course offerings page on the Summer Institute web site. For all courses that you are applying to that have prerequisites, please state here what courses you have taken to meet the prerequisite, and the grade received in those courses.

5. Included in the application packet are instructions for submitting samples of your work in the subject areas to which you are applying. Please list here the work that you are submitting, the dates you completed that work, and the course and assignment for which you did your work.

6. Please list all other summer programs you have applied to or plan on applying to this summer.

Name: _____

Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 5

Free Response Questions (page 1 of 2)

1. The EPGY Summer Institute courses are grouped into six subject areas: Business, Computer Programming, Humanities, Mathematics, Music, Science and Engineering, and Writing. Each course you marked as one of your preferences is in one of these six categories. Please refer to Important Information for EPGY Summer Institute Applicants in this packet if you are unsure of the subject area for a particular course. Circle the subject areas to which you are applying.

Business

Computer Science

Humanities

Mathematics

Music

Science and Engineering

Writing

2. For each of the subject areas that you circled above, please write a few sentences explaining what you like about the subject area. For example, if you listed the Mathematical Investigations: Number Theory course among your preferences, you can start with “What I like most about math is...” If you would rather comment on the particular course, rather than subject area, you are encouraged to do so. You are welcome to write about a specific experience you had in a course in that subject area, or something that you learned that made you interested to find out more. Be sure to write separately about the different subject areas. You may attach additional pages if needed.

Name: _____

Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 5

Free Response Questions (page 2 of 2)

3. Describe yourself as a student. Do you like to study? What do you like, or dislike, about school? Feel free to use examples from your personal experience to help with your description. You may write your answer on a separate sheet of paper if you need additional space.

4. What do you hope to gain by participating in the EPGY Summer Institutes? What are your main reasons for wanting to attend the EPGY Summer Institutes? You may write your answer on a separate sheet of paper if you need additional space.

5. Tell us anything else about yourself that you feel is relevant, or describe some of your non-academic interests. You may write your answer on a separate sheet of paper if you need additional space.

Name: _____
Applicant/Student Number: _____

EPGY Summer Institutes 2007 Application Form Part 6 Honor Code

To be read and signed by the applicant

I, _____, have truthfully represented myself on this application in my answers to the questions and in the work that I am submitting. I understand that any misrepresentation in my application materials is grounds for EPGY to revoke an offer of admission to Summer Institutes.

Student Signature _____ Date _____

To be read and signed by the applicant's parent or legal guardian.

I, _____, have carefully read my son or daughter's application, including work samples, and to the best of my knowledge, all information included here is correct, and the work that my son or daughter is submitting is his or her own. I understand that any misrepresentation in this application is grounds for EPGY to revoke an offer of admission into the Summer Institutes.

Parent/Guardian Signature _____ Date _____

Applicant's Name: _____
Applicant/Student Number: _____

Summer Institutes 2007 Education Program for Gifted Youth Stanford University



Teacher Recommendation Form (Page 1 of 2)

To the student: This form is to be completed by your teacher. We encourage you to select a teacher who can comment on your performance and ability in the Summer Institutes subject area to which you are applying, as well as comment on your general suitability for an intensive residential academic program. You should provide a copy of the Summer Institutes Program Description, from the application packet, to the teacher filling out this form. Also, please indicate below which subject area you are applying to and which application deadline you are trying to meet:

Circle the subject area to which you are applying:

Business Computer Science Humanities Mathematics
Music Science and Engineering Writing

Due date: _____

To the teacher: Please fill out the form below and on the second page, please include further comments about the student. We appreciate any information that you feel is relevant to determining whether the applicant is suited for the EPGY Summer Institute. Note that this is an intensive program where the students will be living as a close group for several weeks, so your impressions of the student's emotional maturity and ability to live and work with other students are especially relevant. Note also that we seek students whose academic talent is exceptionally high. Please write in black or blue ink and write legibly.

Send this form by fax to **(852) 2504 2669** or by mail to: EPGY Hong Kong Administrative Center
6/F Catic Plaza 8 Causeway Road Causeway Bay Hong Kong Attn: EPGY Summer Institutes 07

Teacher's name:

Name and address of school:

Teacher's email address:

Teacher's telephone number:

How long have you known the applicant, and in what capacity?

Please indicate the level to which you would recommend the applicant for the EPGY Summer Institute in the listed subject area. Please check one:

Very highly recommended Highly recommended Recommended Not recommended

Please make sure to fill out page 2 of the Teacher Recommendation Form

Applicant's Name: _____
 Applicant/Student Number: _____



Education Program for Gifted Youth Stanford University

Teacher Recommendation Form (Page 2 of 2)

For each of the following indicate which rating you feel best describes the student.

Academic Characteristics:				
	Fair	Good	Very Good	Excellent
Ability in subject area				
Depth of knowledge in subject area				
Intellectual curiosity				
Analytical ability				
Learns information quickly				
Understands abstract ideas and concepts				
Prefers complex and challenging tasks				
Expresses thoughts clearly				
Is well-prepared in class				
Shows pride in academic work				
Demonstrates good study and organizational skills				

Social Characteristics:				
	Fair	Good	Very Good	Excellent
Ability to work with others				
Ability to work independently				
Perseverance				
Emotional maturity				
Leadership skills				
Sets high standards for own performance				
Displays Trustworthiness				
Maintains a positive attitude				
Expresses emotions appropriately				
Accepts feedback and criticism				

Please include additional comments (feel free to write on the back of this form or use a separate piece of paper for additional comments):

Teacher's Signature: _____ Date _____

Summer Institutes 2007

Education Program for Gifted Youth

Stanford University



Guidelines for submitting work samples

A work sample can be a project, paper, or homework assignment. Anything which demonstrates your original work in the subject area(s) for which you are applying is acceptable. All work samples should be from something completed in the last year, and the date that you produced the sample should be indicated on the supplemental information form (Application Part 4). If the sample is from a school assignment, please indicate what course it was for and what the assignment was. If you are submitting a writing sample, you should send a hardcopy with your application, and you should provide us with an electronic version on a disk or by email.

1. **Computer Science courses.** Work sample is *required*. If you have taken a computer science course in the past, you should submit a computer program (on CD or floppy disk) that you have written. If you have never taken a computer science course before, then please submit a sample of your work in mathematics (from a math course, math contest, math project, or something you have done on your own).
2. **Humanities courses.** Work sample is *required*. The humanities courses have the same requirement as the writing courses – see below.
3. **Mathematics courses.** Work sample is *required*. Please submit a sample of your work from a math course, a math contest, a math project, or other math work that you have done on your own.
4. **Music courses.** Work sample is *required*. Please submit a recording of music played by and/or composed by you.
5. **Science and Engineering courses.** Work sample is *optional*. Please submit a sample of work from a science course, a science fair, or other science work you have done.
6. **Writing courses.** Work sample is *required*. If you are applying to a creative-writing course, you should submit a short story, poem, or play that you have written. If you are applying to an expository writing course, or one of the humanities courses, your writing sample can be any of the following:
 - a. Persuasive Essay
 - b. Descriptive Essay
 - c. Research Paper
 - d. Literary Analysis Essay
 - e. Factual Report (e.g., social studies/history report)

Please include a hardcopy of the writing sample with the application, and include an electronic version on disk or by email.

7. **Business courses.** Work sample is *optional*. Feel free to submit any examples of your work pertinent to the EPGY Business course.