

# GAFIB LIFE

October 2013



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# OCTOBER 2013

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|--------|---------|-----------|----------|--------|----------|--------|
|        | 1       | 2         | 3        | 4      | 5        | 6      |
| 7      | 8       | 9         | 10       | 11     | 12       | 13     |
| 14     | 15      | 16        | 17       | 18     | 19       | 20     |
| 21     | 22      | 23        | 24       | 25     | 26       | 27     |
| 28     | 29      | 30        | 31       |        |          |        |

## Oct. 2<sup>nd</sup>

Event for Hangul  
Proclamation Day  
(Korean contest, Poetry  
translation contest,  
Emphasize Korean)

## Oct. 3<sup>rd</sup>

National Fountain Day

## Oct 4<sup>th</sup>

Eng B oral activities  
Film Project Portfolio (IA)

## Oct 2<sup>nd</sup> week

Math Test

## Oct. 7<sup>th</sup>

Assembly  
Eng Lit Mock paper 1  
IB End of Semester Exams  
Eng Lit, Eng L&L (Paper 1)  
Economics (Paper 1)

## Oct. 8<sup>th</sup>

IB End of Semester Exams  
Eng Lit, Eng L&L (Paper 2),  
Eng B HL (Paper 1,2)  
Math HL Unit Test

## Oct. 9<sup>th</sup>

Hangul Proclamation Day

## Oct. 10<sup>th</sup>

IB End of Semester Exams  
Korean (Paper 1)  
History (Paper 1,2)

## Oct 11<sup>th</sup>

History Test  
Eng B mock paper 1  
IB End of Semester Exams  
History HL (Paper 3)  
Math (Paper 1)

## Oct 14<sup>th</sup>-17<sup>th</sup>

1<sup>st</sup> Written Test  
(14<sup>th</sup>) IB End of Semester  
Exams  
Math (Paper 2)  
Japanese B SL (Paper 1,2)  
Eng L&L FoA  
(15<sup>th</sup>) IB End of Semester  
Exams  
Korean (Paper 2)  
Bio (Paper 1,2)  
Chem (Paper 1,2)  
(16<sup>th</sup>) Chem. Unit test  
IB End of Semester Exams  
Bio (Paper 2)  
Chem (Paper 3)  
ITGS (Paper 1)  
B&M HL (Paper 1)  
(17<sup>th</sup>) Students go home  
IB End of Semester Exams  
ITGS HL (Paper 2,3), ITGS

SL (Paper 2)  
Math HL (Paper 3)  
English Option

## Oct 18<sup>th</sup>

School Holiday  
Self-introduction letters for  
major university  
Job experience

## Oct 21<sup>st</sup>

Chapel, Grades check

## Oct 22<sup>nd</sup>

Final grades check  
Film Script

## Oct 23<sup>rd</sup>

History Paper 1 mock test  
Eng B Mock Paper1  
TOK Presentation (Group1)

## Oct 24<sup>th</sup>

Discussion contest  
(preliminary)  
Essay Contest  
TOK Presentation (Group2)

## Oct 25<sup>th</sup>

Major languages  
composition contest

## Oct 28<sup>th</sup>

Class meeting  
Class evaluation survey  
Theatre Performance task

## Oct 29<sup>th</sup>

Theater RI final

## Oct 30<sup>th</sup>

TOK Presentation – Group 2

## Oct 31<sup>th</sup>

TOK Presentation – Group 1  
Halloween Festival (Spelling  
B, Tongue Twister)

## COLOR CODES

Purple = Pre DP  
Blue = DP1  
Red = DP2  
Green = All Grades  
Sky Blue = All Grades  
(outside activity)

Jiwoo Jung

[jj2ooh@naver.com](mailto:jj2ooh@naver.com)

# BIRTHDAYS

## BIRTHDAYS

Oct 20<sup>th</sup> Pre DP Jason Song  
 Oct 23<sup>rd</sup> Pre DP Teddy Son  
 Oct 24<sup>th</sup> Pre DP Jiyoung Yoon  
 Oct 30<sup>th</sup> Pre DP Phil Sang  
 Oct 13<sup>th</sup> DP1 Robert Kim



## Birthday Wishes from Friends :)

Jiyoung you always make me fun in the dorm! Happy birthday so much and wish you have a great time - Ashley Hyun

Jiyoung!! Hahahahahaha happy happy birthday and I'll make sure it becomes a happy happy one :) mwahahaha - Hye-Min Yi

Jason, Jiyoung, Teddy, Phil, Happy B-day for all of you guys♥ - Joann Lee

To IB mascot Jason! Happy birthday and I wish you always be bright just like now. Phil, I already feel very close to you, though you've got in IB class just few weeks ago. Cheer up and Happy birthday! - Richard Seo

どうどんさん, happy birthday. Please keep being what you are. Happy birthday Jiyoung, and you are the best leader of our class ever. Just do not hurt your body during the sports time. Happy birthday, Teddy and do not get hurt anymore. It looks nice that you keep up your work these days. - Gayoung Lee

Happy birthday with my all my heart and hope we spend two and half more years very joyfully~ Happy B-day! - Sophia Jung

To my dear Pals, you guys are just Fantastic! - Anonymous

Cutie どうどんさん, happy birthday^^! Teddy, I hope we become closer in this semester, happy birthday~ - Anonymous

Jason, thank you for being such a great vice president of IB government! Jiyoung, you too. Thank you for always being a trustful leader♥

Teddy, hope you spend your birthday happily and Phil, I already very familiar with you. Happy B'day, mate! - Anonymous

Happy Birthday Robby - Anonymous

Love you Robert♥ - Anonymous

Happy birthday! Now you become 18⇒ Hope you spend your last teenage birthday worthy! - Anonymous

Happy Birthday! Best wishes - Anonymous

Happy  
 Birthday to  
 Everybody :)



# HOW TO SURVIVE IN THE IB



Student at the  
University of  
Hong Kong  
Science and  
Technology  
(receiver of 45  
points for the  
IB program)

Since I have done the IB program, I know how hard it is. Because the IB curriculum is so difficult, tips and advice from seniors and post-IB students are very important. First of all, in group 1, most, if not all, GAFL students choose either English or Korean. Group 1 comprises of papers and the IA.

For the case of paper 1, many students have hard time because it deals with literatures that students may not be familiar with. Something you do not learn in class and may never have heard of. On the other hand there are advantages to it. Since it does not require a specific formulation or structure there is less pressure. Even if your interpretation and analysis is different from the general/typical one, as long as it is well-supported by evident reasoning, it will turn out as a good commentary. I recommend that students choose three main points for the topic given to write your ideas and opinion. For example: "this poem effectively shows the authors perception on the society by the use of imagery, symbols and self-deprecating tone. After that use the evidences from the literature to analyze and support your claim. Be sure to include what you have learnt from the literature or the message that author has intended to give to the readers.

In paper 2, students must choose 2 literatures out of 4 that they have learnt in part 3, to compare and analyze. This would be what you learn in school so stay awake in class and listen to the teachers' lectures and comments of the literatures. It is very helpful if you read the book a couple of times and if you write your personal analysis or thinking on important

parts of the book. (example: this part shows the cultural background of the 1960s in England etc.) You don't have to write very specifically, it is better to look at the big picture. Usually questions in paper 2 deals with characters, backgrounds, events, conflicts, structures, and thematic developments. Thus, it would help a lot if you organize the notes on characters and have a clear idea about those.

In Written Assessment, you will need to have a debate on 1 of the 3 world literatures. You must listen carefully to what others say and choose one of the topics mentioned in debate to analyze. For the topic, students must have clear purpose and goal.

The Internal Assessment is composed of the IOP (presentation without moderation) and the IOC&D. To be honest, the IOP requires less effort as there is no moderation, and teachers are usually more lenient on it. For IOC&D, there is 10 minutes of oral commentary followed by 10 minutes of discussion. This is recorded and also has moderation. Thus, students must be well-prepared to receive a good mark. When the pieces of literatures you are going to make a commentary on have been decided, you should practice writing a commentary before hand. 10 minutes is shorter than it seems, so it would be good to have 2 or 3 main points just like the paper 1. Right after your commentary. there is discussion which involves questions, so you should think about possible questions and be prepared to answer them.

This is a website that has analysis on a few pieces of Korean literature that may help:

<http://www.seelotus.com/>

Next is group two, which is your second language subject. The tests in group two show several changes from previous ones. The writing section in paper 1 has been completely eliminated, and the amount of HL questions have increased to 60 and SL to 45. Also, in paper 2, SL has one section while HL has two sections. Thus, students need to write an essay on each section. In reading questions, most students won't get points off, but it helps to memorize some vocabulary and learn to read with vigilance. For writing sections, there are several different text types with different structures and requirements. There are: diary, speech, blog, article, letter, letter to the editor and much more. Be sure to look over each type.

In English B, there is no need for sophisticated sentences or difficult vocabulary. Correct grammar and cogent sentence structures are most important. But I'm sure GAFL students are fluent in English, so there is no real need to worry.

In group 3, there are social science and social subjects. For students majoring in subjects like math and science, these social subjects may be their weakest group, but certainly there is still a way to succeed in such subjects. Many Korean students take economics like I did. In economics, the

definition of words are very important. Especially in paper 2, definitions of words play a great role as some of the questions just ask for the definition itself. So be sure to make a note or list of definitions. In paper 1, there are two sections and an essay question. Section A deals with microeconomics, while section B deals with macroeconomics. In paper 2, students need to analyze and break down news articles. For both paper 1 and 2, students should understand how the economic mechanism works and be able to explain using graphs instead of simply memorizing everything.

For the IA, students need to submit a total of 3 works. It is very similar to paper 2 in the way that you have to analyze a news article. When you choose the article, you must check if the problem and results are stated clearly. Articles with various results or problems may be hard to write a commentary on, and you might exceed the word count (maximum of 750 words).

Group 4 consists of science and chemistry. In biology, you need to memorize, memorize, and memorize. The "IB guide book" from Oxford is a very helpful book that contains minor parts that come out in paper 1. Again, biology is about memorization. Paper 2's section A needs nothing more than memorizing what you have learned. For paper 2's section B, students should collect previous IB questions and predicted

questions, while considering the mark scheme. It is very helpful to know what is needed to earn points, because you can still get a lot of points off for missing a small aspect.

Studying chemistry is a little bit different from biology. It is not just about memorization, but getting used to different questions and understanding the concepts. I personally recommend organizing notes on all the concepts and then memorizing the formulas. Unlike math, in which a formula sheet is provided, chemistry has no such thing, so you must memorize.

Group 5 is math. Although a lot of Western students have trouble with this group, most Koreans are very good at it. For math, there is one very simple tip that you may already know. Solve lots of questions! Instead of organizing your notes on the concepts, trying various types of questions and using different applications on the problems helps a lot. For the Math IA, things have changed a lot, but it is always good to think about your topic in advance. When you come up with a good topic, write it down because choosing the topic is the most important step.

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**Sean Lee** [gome7777@gmail.com](mailto:gome7777@gmail.com)

# INTERVIEW



Interview with  
Teacher Jay  
Bullen  
(Chemistry)



*When did you decide to do chemistry?*

*What made you want to do chemistry?*

As a 6th Form Student in the UK (same age as you guys) I had to choose just 3 or 4 subjects for A-levels – a really difficult choice. I had taken a mixture of science, humanities, and arts at GCSE level but went on with just Math, Chemistry, Biology and History. For a while I wanted to be a doctor, so I attended some hospital open days and seminars, but it seemed like such a tough course that I didn't have the passion for! Some of my friends have since become doctors, so I'm very proud of them :)

Chemistry seemed like a degree that had a lot of versatility, with the potential to work in a whole

range of career areas. Areas like academic research, patent law, pharmaceuticals, the oil industry etc. It gives you a lot of options.

*Why did you decide to come to Korea and teach at GAFL?*

I've always enjoyed studying languages, Portuguese (and some German), but had never looked outside of Europe before. I started to practice **a little** Korean about 2 years ago with online lessons and really enjoyed it. Over time I started to learn more about Korea... although it was still a very big change to London life when I arrived here!

*Are there any differences between regular chemistry and IB chemistry?*

The IB Chemistry course has a nice structure to it. Things get a little deeper though when we go to uni level, I spent many late nights trying to get my head around Quantum Mechanics and all the math it involves! At university Chemistry is typically broken into Physical, Inorganic and Organic Chemistry – so there is a whole spectrum. IB offers us an intro to organic chemistry - a complex, but definitely interesting subject - all about how we make modern medicines.

*Do you have any tips for studying IB chemistry?*

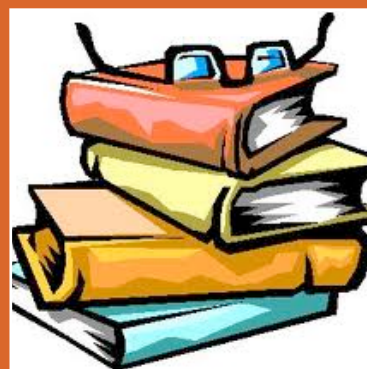
The first few chapters, most notably unit 3 (Periodicity) and unit 4 (Bonding) introduce key concepts which underpin much of the rest of the course. It's important to understand these areas well to explain the phenomena seen in later chapters.

*What are your goals as a chemistry teacher?*

I am learning new things every day, both in dealing with people including students and my coworkers, and in terms of my own science. Chemistry is great for some critical thinking and problem solving. So I hope that I can work together with my students, developing the appropriate skill sets to tackle big problems in the wider world.

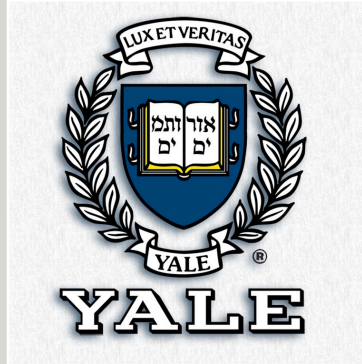
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**Hye-Min Yi** [hyi03plumpkin@gmail.com](mailto:hyi03plumpkin@gmail.com)

# DREAM ON





# The College Times



## UCLA

### Introduction:

Located in the 419 acres wide Westwood Village in the city of Los Angeles, 8 miles off the beautiful Pacific coast, UCLA boasts the highest real estate value. The school, with over 4,000 faculty members and 25,000 students, is filled with a bustling and lively air. UCLA is one of the universities in the University of California system, and is ranked as one of the highest amongst America's state universities.

UCLA placed 25th in the 2012 University Ranking in the United States by the US News and 13th in the Top 400 Universities Worldwide by THE Ranking. In 2012, 10% of the freshmen were international students.

### University of California at Los Angeles (UCLA)

405 Hilgard Avenue, Box 951405  
Los Angeles, CA 90095  
(310) 825-4321

### College Admissions Office

1147 Murphy Hall  
Box 951436  
Los Angeles, CA 90095-1436  
Phone: (310) 825-3101  
Fax: (310) 206-1206  
E-mail: [ugadm@saonet.ucla.edu](mailto:ugadm@saonet.ucla.edu)

### UCLA International Education Office

Phone: (310) 825-4995  
Fax: (310) 794-4428  
E-mail: [leo@international.ucla.edu](mailto:leo@international.ucla.edu)

### Required documents for college admission

- Application ([www.universityofcalifornia.edu/admissions/international/index.html](http://www.universityofcalifornia.edu/admissions/international/index.html))
- High school academic record
- SAT/ACT with Writing

- (2 SAT Subject Tests) (not required, but those who apply to the School of Engineering and Applied Science should submit Math Level 2 and major-related subject test scores)
- TOEFL(at least 83)/IELTS(at least 7)
- Essay (1,000 words total on both topics, each essay should be at least 250 words)
  - (a) Describe the world you come from-for example, your family, community or school-and tell us how your world has shaped your dreams and aspirations.
  - (b) Tell us about a personal quality, talent, accomplishment, contribution or experience that is important to you. What about this quality or accomplishment makes you proud and how does it relate to the person you are?
- Proof of Financial Funding
  - NIF(non-immigrant information form)

### Requirements for college admission

#### Required High School Courses

- History/social science: 2 years
- English: 4 years
- Mathematics: 3 years
- Laboratory science: 2 years
- Language other than English: 2 years
- Visual and performing arts: 1 year
- College-preparatory elective: 1 year

\*A grade of C or below is not accepted. Students studying abroad must have a GPA of over 3.4.

\*UCLA does not require SAT Subject Tests, but specific programs or majors may require them.

\*SAT Subject Tests may replace a-g subjects.

### Honors Program

UCLA only offers an honors program in its Colleges of Letters & Science. In 2012, its School of Arts and Architecture, School of Theatre, Film and Television, School of Engineering and Applied Sciences, School of Nursing did not offer an honors program. Students who wish to take the honors program can submit their MyUCLA application at [www.ugeducation.ucla.edu/honors/default.htm](http://www.ugeducation.ucla.edu/honors/default.htm).

### Scholarships

UCLA does not provide financial aid to international students. International students must prove that they can

afford approximately 60,000 dollars for one year living expenses.

### What factors are important in admissions:

- The applicant's full record of achievement in college preparatory work in high school
- Personal qualities of the applicant
- Likely contributions to the intellectual and cultural vitality of the campus
- Performance on standardized tests
- Achievement in academic enrichment programs
- Other evidence of achievement
- Opportunities and challenges

| GENERAL FACTS (2012)                                  |  | ENTRANCE INFORMATION (2012-3)           |                         |
|---|--|---|-------------------------|
| Website   | <a href="http://www.ucla.edu">www.ucla.edu</a> | Admissions Rate                         | Very Selective          |
| University of California at Los Angeles               | Large 4-year state university                  | Average SAT Scores of Accepted Students | 1760 ~ 2140             |
| Students : Professors                                 | 16:1   | Average ACT Scores of Accepted Students | Com: 33/Eng:33/ Math:33 |
| Percentage of students that make it up sophomore year | 97%  | Early Action Deadline                   | -                       |
| Percentage of students who graduate within six years  | 90%  | Regular Decision Deadline               | November 30th           |
| Number of undergraduates                              | 27,199   | GPA                                     | 4.25                    |
| Number of freshmen                                    | 5,825  | Tuition + Residence Fees                | \$35,564 + \$13,979     |
| Number of graduate students                           | 13,125   | Candidates/Admitted/Freshmen            | 61,538/15,689/5,825     |

### College Evaluation

|                              | D | D+ | C- | C | C+ | B- | B | B+ | A- | A | A+ |
|------------------------------|---|----|----|---|----|----|---|----|----|---|----|
| Academy                      |   |    |    |   |    |    |   |    |    |   |    |
| Sports                       |   |    |    |   |    |    |   |    |    |   |    |
| Food                         |   |    |    |   |    |    |   |    |    |   |    |
| Dormitory                    |   |    |    |   |    |    |   |    |    |   |    |
| Facilities                   |   |    |    |   |    |    |   |    |    |   |    |
| Local Environment            |   |    |    |   |    |    |   |    |    |   |    |
| Outside-school Accommodation |   |    |    |   |    |    |   |    |    |   |    |
| Parking                      |   |    |    |   |    |    |   |    |    |   |    |
| Transportation               |   |    |    |   |    |    |   |    |    |   |    |
| Weather                      |   |    |    |   |    |    |   |    |    |   |    |

**Sources from & More information:** Ahn, Yong-wha. 미국대학 혼자서 가기 [How to Go to a U.S. University by Yourself]. Paju: Saengneung Publishing, 2012. p101.

"Facts & Figures." [ucla.edu](http://ucla.edu). UCLA. July 2012. Web. 1 Oct. 2013.

# Yale University

## Introduction

Yale is always in close competition with Princeton and Harvard University over first and second place in college rankings. These Ivy League universities boast over \$1.5 billion in donations and a 5:1 student to professor ratio. Yale is one of the best universities out there, hands down. Yale has a wonderful liberal arts, science, and research program that has been recognized by the Association of American Universities. It is easy to travel by train to New York or Boston.

Yale placed second in the 2014 United States University Ranking by the US News and eleventh in the Top 400 Colleges Worldwide by THE Ranking. Yale University is located in New Haven, Connecticut.

International students make up 10% of the student population. Yale University's benefits include the shopping spree period, great professors, beautiful buildings, wonderful libraries, and many amazing programs such as the Yale Summer Session and Yale in London. On the down side, the weather at Yale is mainly cold, and the transportation system to places around New Haven and the airport is inconvenient.

## Yale University

New Haven, CT 06511

(203) 432-4771

## College Admissions Office

Box 208234

New Haven, CT 06520-8234

Phone: (203) 432-9300

Fax: (203) 432-9392

E-mail: [student.questions@yale.edu](mailto:student.questions@yale.edu)

## Office of International Students & Scholars

Phone: (203) 432-2305

Fax: (203) 432-7166

E-mail: [ois@yale.edu](mailto:ois@yale.edu)

## Required documents for college admission

- Application
- High school academic record

- Yale Supplement
- Secondary School Report
- Mid-Year School Report
- Final School Report
- International Supplement
- SAT/ACT with Writing (No score choice policy; must submit ALL scores)
- 2 SAT Subject Tests
- TOEFL(at least 100)/IELTS(at least 7,70)
- Common App Essay
- 2 recommendation letters (from 11<sup>th</sup> grade teacher and 12<sup>th</sup> grade teacher, respectively)
- Interview
- (Supplementary Materials/Portfolios)

## Requirements for college admission

Yale University does not have a specific list of requirements for courses applicants must take during their high school years. For example, Yale does not even require applicants to take a second language course. However, Yale does require that applying students take challenging and rigorous courses at their high school, and that they take an equal balance of courses as well.

## Scholarships

Yale practices the need-blind financial aid system. Thus, international students who apply for financial aid do not need to worry about having that affect their application in general. International student will also receive aid covering 100% of what they cannot pay. Proof of financial aid can be provided by sending the CSS Profile and other related forms when applying for admissions.

## What factors are important in admissions

- Academic GPA
- Application Essay
- Character/Personal Qualities
- Class Rank
- Extracurricular Activities
- Recommendations
- Rigor of secondary school record
- Standardized Test Scores
- Talent/Ability

Erin Lee [erinlee905@gmail.com](mailto:erinlee905@gmail.com)

| GENERAL FACTS (2013)                                  |  | ENTRANCE INFORMATION (2012)             |                                   |
|---|--|---|-----------------------------------|
| Website   | <a href="http://www.yale.edu">www.yale.edu</a> | Admissions Rate                         | Most Selective                    |
| Yale University                                       | Medium-sized 4-year private university         | Average SAT Scores of Accepted Students | CR: 760/Math: 760/W: 760          |
| Students : Professors                                 | 5:1  | Average ACT Scores of Accepted Students | Com: 34/Eng:34/ Math:34           |
| Percentage of students that make it up sophomore year | 99%  | Early Action Deadline                   | November 1st (SCEA)               |
| Percentage of students who graduate within six years  | -  | Regular Decision Deadline               | December 31st                     |
| Number of undergraduates                              | 5,379  | GPA                                     | 96% are in the top 10% percentile |
| International students                                | 2,135  | Tuition + Residence Fees                | \$40,500+\$12,200                 |
| Number of graduate students                           | 6,501  | Candidates/Admitted/Freshmen            | 27,283/2,109/1,351                |

*"I have no special talents. I am only passionately curious."*

*- Albert Einstein*

### College Evaluation

|                              | D | D+ | C- | C | C+ | B- | B | B+ | A- | A | A+ |  |  |  |
|------------------------------|---|----|----|---|----|----|---|----|----|---|----|--|--|--|
| Academy                      |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Sports                       |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Food                         |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Dormitory                    |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Facilities                   |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Local Environment            |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Outside-school Accommodation |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Parking                      |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Transportation               |   |    |    |   |    |    |   |    |    |   |    |  |  |  |
| Weather                      |   |    |    |   |    |    |   |    |    |   |    |  |  |  |

**Sources from & More information:** Ahn, Yong-wha. 미국대학 혼자서 가기 [How to Go to a U.S. University by Yourself]. Paju: Saengneung Publishing, 2012[12]print.

"About Yale Facts." [yale.edu](http://yale.edu). Yale University. 2013. Web. 1 Oct. 2013.



# IB JOURNAL

## **Credits to Harbinger**

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**Editor:** Allie Park,  
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**Chief Editor:**  
Sarah Fountain



## ONE SPECIFIC GENE CAN INFLUENCE THE CULTURE OF A COUNTRY

Just by looking at culture, people can easily recognize the difference between Korea and western countries. A recent research paper about human genes provided scientific evidence that a specific gene in human body determines the characteristics of a people and also influences the culture of a nation.

According to a research mainly about the relationship between genes and behavior by Heejung Kim from the University of California, a gene called oxytocin receptor (known as OXTR) affects the behaviors and actions of human. Basically, OXTR is a protein that works as a receptor in human hormones and influences how people act and think in various situations. In Kim's study, she found an interesting relationship between this receptor and the characteristics of a Korean.

Kim looked at an OXTR gene that is more social and sensitive and linked this gene to the characteristics of people and how it varies across nations. She compared 134 Korean students with 140 American middle and high school students to see how stress in life is related to OXTR genes. From this study, she found that compared to Americans, Koreans are less likely to turn to their social circle for support, which causes them to become stressed.

In addition, OXTR gene influences human characteristics and determines how people express themselves in the society. Although the sample size for this study was quite small and based on only two countries, the correlation found between genes and culture is significant. This research can be used to support the work of past gene researches by supporting the idea that genes and characteristics are closely related. Perhaps a new idea that genes and cultures involve each other can be formed too.

Genes are not the only factor that decides the culture of a particular country, but it is still interesting to look into culture from the aspect of science and 'human DNA'. I think it helps people understand how Koreans are unique in their way of living. Not only do differences in genes bring differences in culture, it also controls the effect a virus can have on a group of people. As an example, some researches show that Koreans are more likely to be diagnosed with certain diseases, such as Parkinson's disease. More people should participate in the research of human DNA to develop the world as a better society, and people should be aware of Kim's research and know that these specific discoveries can also be made in other countries.



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**Special Thanks to: Suyun Lee**

Jiyoung Yun

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