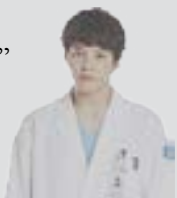


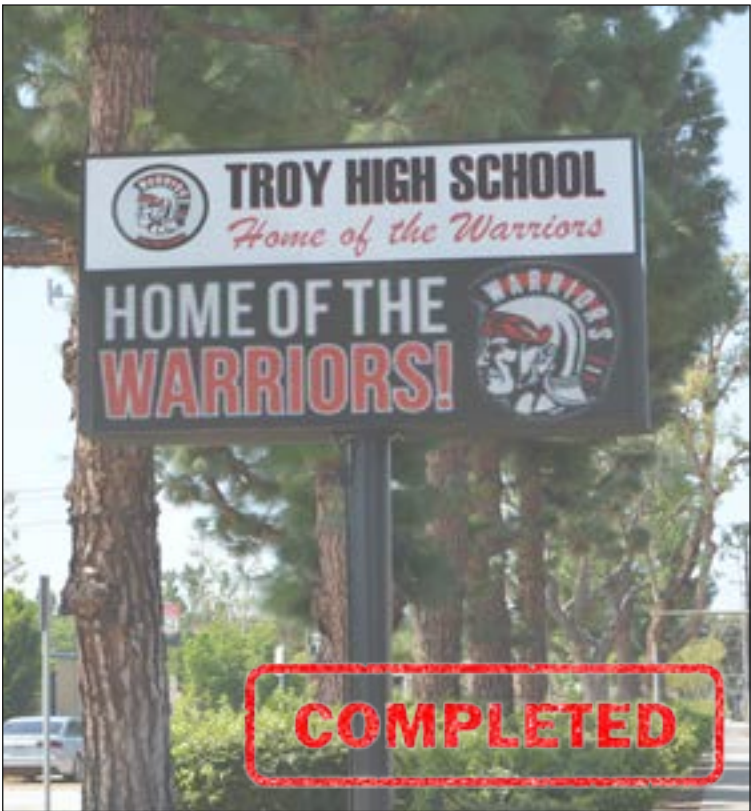


# ORACLE

2200 E. DOROTHY LANE, FULLERTON, CA 92831

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	While you're waiting for the release of "The Good Doctor," which features an autistic savant surgeon, read our take on the media's portrayal of autism.		Meet the students who flew thousands of miles to Austria, Lebanon, Japan and China for their Troy Tech internships.		Nationally ranked Warrior golfer Kamille Dimayuga claimed a championship title at an American Junior Golf Association tournament July 24-27.	



PHOTOS BY ASHLEY BRANSON  
AND IDA KAZERANI

## Campus-wide renovation projects enter final phases

Construction projects that began two years ago now approach completion, revitalizing the Warrior campus with better infrastructure and new amenities.

By Alina Choi  
STAFF WRITER

In an effort to improve student facilities, the Fullerton Joint Union High School District has completed several construction projects over the past few months. More are underway or slated for the future.

Following two-and-a-half years of construction, the new aquatic center went into operation after the grand opening ceremony Sept. 6. Renovations to modernize the pool and increase its dimensions and capacity commenced March 2015. The pool will accommodate multiple practices at once and even host tournaments for the California Interscholastic Federation. With a new digital display scoreboard and timing equipment, the upgraded pool allows Warrior athletes to play home games on campus, which has not been possible since construction began.

According to water polo coach Jason Wilson, the pool will help attract more athletes to the teams.

"Over the last two-and-a-half years, we've had a lot of kids not join our sport because we didn't practice on campus," Wilson said. "In the future, we hope [to] get

some kids into the school because of the pool."

Over the summer, a new digital marquee that can display colored texts and videos was added at the entrance of the school to replace the previous marquee, Assistant Principal Laura Rubio said.

Outside the Warrior campus, Fullerton Stadium will reopen Sept. 20, with an artificial turf field replacing the grass, just in time to host the Fullerton Union High School football game Sept. 22. The construction of the track which runs around the stadium will not conclude until late win-

Advanced Placement (AP) tests.

"We are able to move [some activities] outside. For example, lower level basketball will practice [on the outside courts]," Mynster said. "The main issue is during AP testing. We [need] to figure out another location to handle [testing]."

Once the North Gym is back in service, the Thomas Moore Auditorium will undergo remodeling to include dressing rooms and new walls to improve sound quality. Construction is estimated to take place in November 2018, the same time the North Gym construction is scheduled to end.

As the current set of construction projects ends in 2018, administrators are considering placing additional structures on campus, Mynster said.

"[Our] long-term vision for a future project would be a dance building large enough for teams our size,"

Mynster said. "That's down the road [and] hasn't been funded yet."

Ultimately, Rubio says these projects will showcase the excellence of the school's programs.

"I love the construction," Rubio said. "It's going to be beautiful for Troy. Hopefully [we can] even update our school murals. [The buildings] will be state-of-the-art. [The campus] is going to look better [than when] the school [was built in] 1964. I can't wait for [construction] to conclude in the next year and a half."

"[The construction] is going to be beautiful for Troy. [The new buildings] will be state-of-the-art."

Laura Rubio  
Assistant Principal

ter, before track season begins.

Following the completion of the stadium, the South Gym will undergo a floor resurfacing mid-October through February or March. After the South Gym reopens, the North Gym will close for air-conditioning installation and foyer expansion, a project that is slated to conclude late fall 2018.

According to Principal William Mynster, the renovation schedules for the two gyms have displaced some regular activities, including sports practices and





# Alexander Tsao places second at International Biology Olympiad

Tsao is the first student in Warrior history to advance to the international level of the rigorous competition.

By Tiffany Kim  
STAFF WRITER

In a demonstration of his comprehensive understanding of biology, senior Alexander Tsao placed second at the International Biology Olympiad (IBO) competition at the University of Warwick in Coventry, England, United Kingdom, July 23-30.

IBO, the final stage of the Biology Olympiad competition, evaluates students on biological topics such as botany, animal physiology and biochemistry. This year's 246 participants from 68 countries had already ranked highest on their respective national Biology Olympiad tests.

To qualify for the event, United States competitors took a local written exam, the results of which determined the top 500 scorers who were eligible to compete in the semi-final exam. The top 20 students from these exams then continued to the national Biology Olympiad competition, sponsored by the Center for Excellence in Education and hosted by Marymount University in Reston, Va.

In this two-week long event, competitors attended a series of training sessions taught by professors and former finalists to strengthen their understanding of a diverse slate of topics in preparation for IBO. At the end of the competition, following a series of practical exams and labs, Tsao and three other students were selected to represent the country at the international event.

IBO was a week-long set of written and experimental assess-

ments, each of which took up to seven hours to complete. On the last day of the event, competitors from the United States and Commonwealth nations participated in an excursion to Birmingham, the third largest city in the United Kingdom, where the international competitors bonded over cultural diversity.

"[IBO] was a really great way to experience other cultures and meet other new people from around the world," Tsao said. "I learned about all of the international cultures [of the people who] attended IBO."

Tsao, a member of the nationally recognized Warrior Science Olympiad team, prepared for Biology Olympiad with the aid of science teacher Kurt Wahl's Advanced Placement (AP) Biology lectures as well as various textbooks. In fact, content covered in Wahl's rigorous AP Biology curriculum appeared on exams at the national and international levels of Biology Olympiad.

Tsao considers his extensive preparation and success at IBO as his first steps in pursuing a career in biological research.

"I had never been to IBO, [but] I was with past competitors who had done amazingly well [in] previous years' [competitions]," Tsao said. "[After placing second], I was elated. Everyone was congratulating me. It was exciting, and I felt like I had achieved something really special. IBO was a really great chance to meet all of the other people and their aspirations, and I began to form what my own goals are."

As the Warrior Biology Club president and IBO medalist, Tsao hopes to mentor other Warriors for future Biology Olympiad competitions.



COURTESY OF ALEXANDER TSAO

**STAR-SPANGLED SCIENTISTS:** Team USA members pose with the American flag after the competition's award ceremony.



IDA KAZERANI

**BOOK SMART:** Sitting with the books that helped propel him to success, senior Alexander Tsao displays his gold medal.

"I feel more prepared to educate [students] about the process of testing, the knowledge and the little nuances about biology in general that would be helpful [in developing] their laboratory

skills and future careers," Tsao said.

The next Biology Olympiad open local exam will be administered in February 2018 on the Warrior campus.

# Results of new AP Computer Science Principles exam exceed expectations

Statistics reflect Warriors' strong understanding of computer science in the inaugural exam of the class.

By Malika Pandey  
STAFF WRITER

Exercising their technological finesse, Warriors excelled on the first-ever Advanced Placement Computer Science Principles (APCSP) exam last May.

Troy's APCSP course replaces two semester-long introductory courses, Fundamentals of Programming (FOP) and Computer Logic and Algorithms (CLA). As a requirement for all Troy Tech (TT) freshmen, the class serves as a springboard for all TT program pathways.

The exam was open to all students in the TT computer science pathway. Over 300 Warriors took the APCSP test, 91 percent of whom passed.

Compared to the national pass rate of 74.6 percent, Troy's statistics for a freshman-level course is impressive, computer science teacher Michael Reid said.

Unlike its predecessors, FOP and CLA, the class is designed to introduce students to a more diverse computer science curriculum that includes programming, cybersecurity, internet structure, algorithms, big data and global impact. According to computer science teacher and Department Chair Stephen Grack, the course is a survey class that exposes students to many computer science concepts to promote interest in a

specific area.

Altogether, the diversity of concepts within the class lays the foundation for specialization in different Troy Tech pathways, Grack said.

According to Reid, the exam results have alleviated teachers' concerns about students' readiness for AP and International Baccalaureate computer science classes. This new course develops a foundation for higher level computer science curricula while honing fundamental skill sets, training freshmen to be more innovative and creative.

"[APCSP students] have to do more thinking on their own. They're more willing to reach out and experiment a little bit."

**Michael Reid**  
computer science teacher

## NEW STAFF



**Richere Breault**  
French teacher

A self-professed terrible cook, Breault has taught people of all ages and hopes to strengthen her students' comprehension and love of the French language.



**Kyle Devlin**  
science teacher

An instructor who has taught at high schools throughout Southern California, Devlin looks forward to seeing his students grow in their appreciation for chemistry.



**Brian Eager**  
computer science teacher

A Warrior alumnus who has taught in Nairobi, Kenya, Eager enjoys maintaining an aquaponic farm that gives him fresh fish and produce.



**Mike Echaves**  
English teacher and football coach

Married to his elementary school sweetheart, Echaves aims to improve the Warrior football program while strengthening his students' language skills in the classroom.



**Caroline Llewellyn**  
assistant principal

A former special education teacher, Llewellyn is looking forward to see Warriors at events such as College Night and Prom.

PHOTOS BY ASHLEY BRANSON AND MICHAEL ZHANG



# Sarahah provides accessible platform for cyberbullying

By Sophie Byerly  
STAFF WRITER



What do others truly think of you? The app Sarahah may have an answer.

On July 17, Sarahah reached first place on the Apple App Store in the United States, surpassing social media staples Instagram and Facebook. The app, named after the Arabic word for honesty, allows individuals to create forums where their peers can anonymously submit messages. Users can advertise their Sarahah page on social media so others can leave a comment about what they think of that user. However, contrary to its advertisement as a tool for self-development, Sarahah provides an all-too-easy platform for cyberbullying. In light of this risk, teens should think twice before entering an environment in which bullying may go unaddressed.

“The app may be a means for users to bully from a comfortable distance—they cannot be reported and can easily escape the consequences of their actions.”

age honest responses, Sarahah’s anonymity feature removes accountability. Messages are not visible to anyone but the recipient, so people can post without the concern of public scrutiny. Moreover, users cannot respond to specific messages because the commenters are unregistered. These measures enable peers to express feelings they would otherwise be reluctant to share, which can be as harmless as admitting a crush or as brutal as leveling racial slurs at the user from a comfortable distance—bullies cannot be reported and can easily escape the consequences of their actions.

Interestingly, Sarahah is not the first app encouraging anonymous judgment of peers. The popularity of similar services such as Yik Yak, Ask.fm and Ogle shows a continuing trend: a dangerous obsession with anonymous message boards. Unfortunately, many of these Internet sensations have devolved into breeding grounds for hate. For example, Yik Yak was banned from several schools before it was finally shut down in April due to complaints of harassment. Additionally, an Ogle user from Orange County was arrested last year after posting a school shooting threat. Due to its similarity to these applications, Sarahah is also likely to facilitate bullying, harassment and

### Sarahah Statistics:

- # of users: 15 million
- # of monthly visitors: 130 million
- Most popular in: USA

App Description:  
“Get honest feedback from your coworkers and friends.”



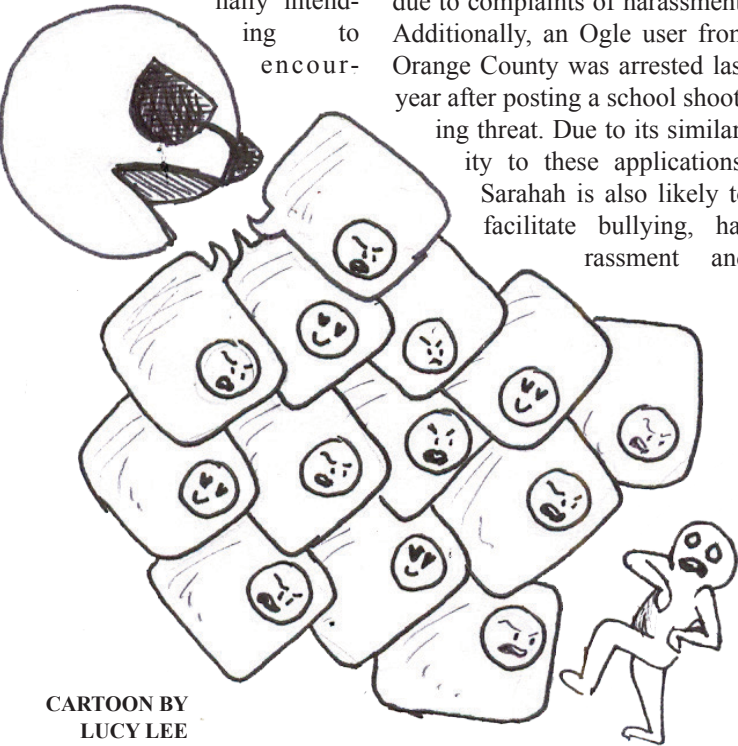
COURTESY OF  
EXPANDED RAMBLINGS.COM

threats.

Yet, what distinguishes Sarahah from its predecessors is that users voluntarily open themselves up to the possibility of unfiltered negative feedback by publicizing their profiles. This phenomenon is not necessarily the result of healthy open-mindedness to criticism, which the app originally intended to foster, but instead the appeal of social validation. Sarahah’s popularity proves that even the risk of receiving hurtful comments may not subdue a desire for attention.

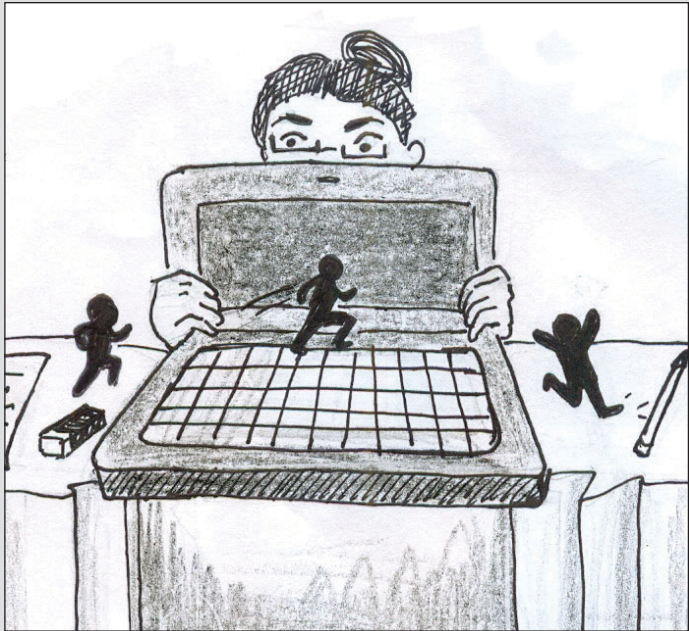
Although it is tempting to get feedback on one’s character, one should not restrict oneself to what others think. A person’s flaws and strengths are too complex to be simplified to a few messages, so students should always take their Sarahah results with a grain of salt.

Sarahah may be an alluring way to seek social validation. Nonetheless, everyone who chooses to use the app should be aware that bullying could be right around the corner. Warriors should consider this risk before hopping on the Sarahah bandwagon.



CARTOON BY  
LUCY LEE

### STAFF EDITORIAL



LUCY LEE & IRENE YOO

## Chromebook program has a promising start

The highly anticipated Chromebooks have finally been distributed to all Warriors. Though the Chromebooks still have complications, students and teachers alike seem to agree the Chromebooks are an ultimately promising addition to our campus.

First, the Chromebooks give students consistent access to Google applications such as Google Classroom, Google Drive and Google Docs. Accessibility alone has made it easier for students to view, complete and turn in assignments. Notably, students in Mr. Gower’s and Mr. Kirkpatrick’s classrooms report the Chromebooks allow them to focus more on learning because the lecture slides can be viewed online. The Chromebooks’ unique combination of touchscreens and traditional keyboards allows students to effortlessly switch between different tasks such as note-taking and watching videos.

Furthermore, many teachers have fully embraced the convenient functions made available by the Chromebooks. Some teachers upload and collect assignments entirely on Google Classroom. Moreover, instructors such as Mr. Platt and Mrs. Snipes now administer quizzes through Google Forms, which helps the grading process. GoGuardian also reassures teachers that students stay on task while using Chromebooks.

However, as with any new program, there are a few kinks that must be addressed in the coming months. For example, International Protocol addresses are blocked on Chromebooks, making it difficult for students to connect to and use printers at home. Some videos on EDPuzzle do not play properly on Chromebooks while they work fine on other devices. Questionably, Facebook can be accessed through the Chromebooks although certain educational sources, such as Crash Course, are blocked. Though these issues may seem minor, they sway students from wholly depending on Chromebooks for their school needs.

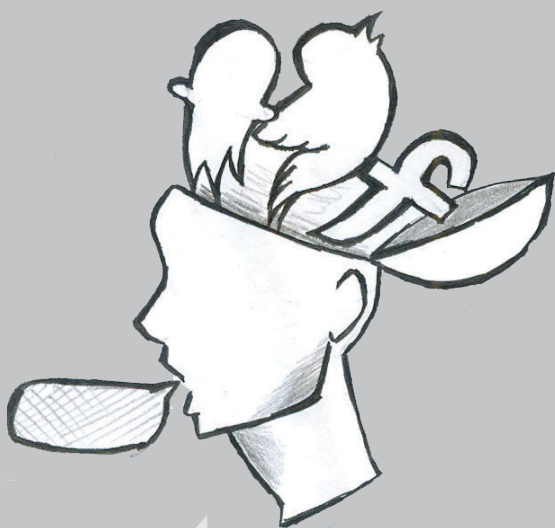
Overall, Chromebooks expedite the process of turning in, checking and grading assignments for both students and teachers, but issues with randomly blocked websites leave room for improvement. Regardless, the Chromebooks symbolize Troy’s continued commitment to integrate technology in education. Chromebooks have found a home at Troy.

### The Wizarding World of Troy: Welcome Back! by Lucy Lee





# How SOCIAL MEDIA is changing ...



CARTOON BY LUCY LEE

## NEWS

By Faith-Carmen Le  
STAFF WRITER



Following a Ku Klux Klan rally in Charlottesville, pictures of rioters rapidly circulated through social media. Immediately after they surfaced, people traced International Protocol addresses and illegally stalked profiles to expose the demonstrators. In the process, people with similar features and names were wrongly accused and verbally attacked with hateful messages.

Social media and networking sites, such as Facebook and Twitter, have impacted how we absorb and understand news. News of natural disasters and political issues propagates throughout social media before reaching traditional news outlets. Whether we realize it or not, social media platforms are undeniably influencing our perceptions of the world.

First, breaking news is commonly found on social media before being broadcasted on television or publicized by newspapers. For example, the 2013 Boston Marathon bombing occurred at 11:48 a.m. EST, and the first report of it came via Twitter at 11:50 a.m. EST. However, the Boston Globe reported the incident nearly nine minutes later.

Moreover, the news we see on Facebook, Twitter and Snapchat is tailored to our interests and opinions. Because our social media feeds are based on past likes and follows, they prevent us from having a holistic understanding of news. For instance, a social liberal is unlikely to follow Fox News on Twitter,

and a conservative would be unlikely to follow MSNBC or CNN. Because we are not exposed to a variety of sources, our perspectives are limited, leaving us either uninformed or misinformed.

Additionally, social media desensitizes people to certain news because trivial reports are often found alongside more significant ones. For example, Snapchat presents collections of videos and pictures from media companies including The New York Times, BuzzFeed and People Magazine. By placing both insignificant reports and critical events on the same social networking platform, people interpret these stories as being of equal consequence. Because we choose what to click on social media, we tend to select the more eye-catching topics such as juicy entertainment gossip. We scroll past the news articles on our feeds, or read only until we lose interest. The outcome? We are left with only the partial truth.

As a result, some people make assumptions based on the incomplete truth they see online, as seen in the Facebook altercations following the Charlottesville riot. Although social media increases transparency, the effects of such transparency can be harmful if citizens act without knowing the entire truth.

Social media platforms now have an unprecedented impact on how we personally perceive news. Overall, we must always be aware that what we see on social media is usually just one perspective of the whole picture. Most importantly, as consumers of social media platforms, we should strive to research all sides of an issue as objectively as possible before jumping to hasty conclusions.

## POLITICS

By Amy Weng  
STAFF WRITER



In 2005, only five percent of the United States population used social media. Today, that number has increased to 70 percent. This widespread use of social media has impacted how Americans view the world around them, particularly in terms of politics and social issues.

By connecting people across the nation, social media platforms such as Facebook and Twitter have woven online conversation and offline action, strengthening social movements. For example, the Black Lives Matter movement has significantly grown due to its established presence on social media. Since 2013, posts with the hashtag #BlackLivesMatter have appeared over 11 million times. Social media platforms have helped such movements proliferate at unprecedented rates.

In addition, social media can promote voting. Previously, many individuals did not know how to register to vote through the mail. However, during the last election cycle Facebook reminded users to register to vote and conveniently linked users to a voter registration website. According to Facebook's Chief Operating Officer Sheryl Sandberg, Facebook helped more than two million users register to vote in 2016. Social media's new role in encouraging participation in politics may be integral to the future of America's democracy.


Ironically, though it may encourage people to be more politically active, social media can also reinforce skewed

views. For instance, Facebook algorithms connect users with new pages based on posts they had liked. As a result, users tend to encounter pages supporting their own political inclinations, rather than a variety of sources. Dubbed "echo chambers" by social science researchers, this phenomenon causes users to congregate in polarized groups and share content with confirmation bias. If people remain sequestered in their own communities, social media cannot foster diversity in opinion and respectful, intellectual conversations.

Most importantly, from Obama's Facebook campaign in 2008 to Trump's victory in the 2016 presidential election, social media gained momentum as a powerful political tool. According to Trump's digital director Brad Parscale, much of Trump's victory can be attributed to his Twitter and Facebook campaigns. Known for his impromptu tweets on controversial matters, Trump has appealed to the general public by playing the role of an entertainer. His massive social media following is unparalleled by that of any other politician; 37.8 million people see his announcements daily. Politicians should no longer take Twitter lightly and ought to use social media to effectively maintain direct communication with the public.

In our digital age, politics is deeply ingrained in our social media platforms. As the next voting generation, Warriors should not avoid politics on social media but rather learn to use the platforms for its benefits—as a valuable resource for political activism—while treading cautiously around the crass and prejudiced posts that pollute it.








**Donald J. Trump** ✓  
@realDonaldTrump

TODAY WE MAKE AMERICA GREAT AGAIN!

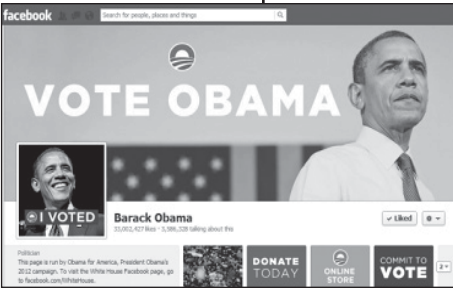
4:43 AM - Nov 8, 2016

 28,798  336,346  564,081



## Snapshots of Social Media




Take a look at these influential moments from Facebook and Twitter. Do any seem familiar?

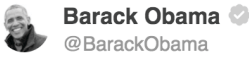





**BREAKING NEWS:** Multiple people injured near the Boston Marathon finish line after explosion

12:01 PM - Apr 15, 2013  
 217  4,124  103



Explosion at coply  
11:50 AM - Apr 15, 2013  
 209  1,882  191



"No one is born hating another person because of the color of his skin or his background or his religion..."  
5:06 PM - Aug 12, 2017  
 69,737  1,709,540  4,596,232



# the Good Doctor

Take a closer look at television and its often inaccurate representation of those with autism.

By Jois Talla, STAFF WRITER

With more than 3.5 million Americans having some form of autism spectrum disorder (ASD), it is a mystery why we cannot find more autistic characters on our favorite television shows. The new ABC series, “The Good Doctor,” (premiering on Sept. 25) aims to remedy this problem with its portrayal of an autistic protagonist.

Based on a Korean drama of the same name, “The Good Doctor” centers on Shaun Murphy, a young pediatric surgeon and autistic savant. His arrival to a prestigious hospital in San Jose inevitably elicits skepticism from his colleagues, but Murphy proves them wrong with his extraordinary medical gifts.

Murphy’s prodigious abilities are tied to his savant syndrome, a condition exhibited by those with genius-level abilities in one specific subject matter and deficiencies in others. And though the young surgeon’s gift is meant to be awe-inspiring to viewers, this aspect of the show highlights the existing stereotypes of the autism community.

Hollywood too often depicts characters with ASD in either minor supporting roles or protagonists modeled on antiquated stereotypes, such as savant syndrome. Similar to “The

Good Doctor,” the 1988 movie “Rain Man” also features an autistic savant. The movie helped audiences understand the perspective of someone with autism, but its depiction of the condition also promoted the belief that all autistic people are savants and vice versa—despite the fact that savantism occurs only in approximately one in 10 persons who have ASD.

Don’t get me wrong, “The Good Doctor” certainly seems well-made, with capable actors like Freddie Highmore (“Bates Motel”) and Richard Schiff (“The West Wing”). From the trailer, we see how Shaun perceives the world—an important point-of-view too often neglected. The show, however, still has a neurotypical actor playing the autistic lead and uses savant syndrome to prove an autistic person’s worth.

Akin to the portrayal of savantism, Asperger’s syndrome, a disorder that hinders a person’s ability to effectively socialize, is one of the most common types of ASD depicted on screen—and the most highly

clichéd. The media misuses a highly variable disorder by associating it with any character who’s nerdy and socially awkward, or worse, as someone who is devoid of all emotion. Dr. Virginia Dixon from “Grey’s Anatomy” and Sugar Motta from “Glee” represent these stereotypes precisely.

On the other hand, many creators are merely unwilling to shoulder the burden of diagnosing their characters with autism, rather than run the risk of being accused of perpetuating archaic stereotypes. Fan favorite characters such as Sheldon from “Big Bang Theory” and Abed from “Community” were never explicitly diagnosed as having ASD, despite clearly having symptoms of Obsessive Compulsive Disorder and Asperger’s syndrome, respectively. In addition, traditional media has also shown a shortage in the portrayal of other types of ASD, as well as the representation of females and people of color with autism—an issue that gives the impression that au-

tism is only notable in white males.

As Hollywood and other sources of media start to acknowledge their apparent lack of diversity, the accuracy of representation of autistic people continues to grow (“Sesame Street,” “Parenthood,” “Atypical,” etc.). These shows usually focus on not only how a person with autism navigates the world, but also how the people around them encourage and support their endeavors.

In spite of the media’s previous blunders in portraying autism, the creators of “The Good Doctor” are still bold enough to try. Yet, without a proper understanding of how to illustrate the thought processes and characteristics of a neurodivergent person, it is clear that there is a long way to go before we can be blessed with a strong lead that accurately portrays ASD. “The Good Doctor” definitely has the potential to be a thought-provoking drama about autism. But if the creators don’t proceed with a great deal of caution, they may end up contributing to the problem they had originally set out to solve.

**THE BEST DOCTORS:**  
*The leads from both dramas take on the stereotypes that have plagued autism in the media.*

Joo Won

Freddie Highmore

COURTESY OF KBS

COURTESY OF JUST JARED

## BACK-TO-SCHOOL PLAYLISTS

### ALT.

Try shouting your school stress away with this playlist of hard guitar riffs and banging drum beats!



### Throw back

Find comfort in the memories of yesteryear with the pop hits from your childhood.



### STUDYING

Listen to this collection of gorgeous instrumentals for those late night math assignments.



### Coffeshop

Here’s the soundtrack to your cafe studying sessions, along with some feelgood vocals to keep life light.





# WARRIORS GO INTERNATIONAL

While other high school students were relaxing on sunny Californian beaches, seniors Jared Flores, Koichi Takara, Lana Kamel and Helen Wang decided to challenge geographical and language barriers for their Troy Tech Internships, creating lasting impressions on both sides of the world.

```
public static boolean outOfCountry(Comparable [] AMST)
{
    for (int j = 0; j < ared; compareTroy( arr[j + 1] ) > 0 )
```

## JARED FLORES



By Charlis Clark, STAFF WRITER

A team of expertly trained men and women, scrolling through endless lines of code. A nervous young man enters the scene, heart hammering, hands shaking. He looks down. The man sitting before him wears flip-flops. This is the scene that greeted senior Jared Flores when he first stepped into AMST, an Austrian firm specializing in aerospace and civil aviation. But over the course of four weeks, Flores would find that behind his pleasant workspace lurked a moral dilemma that would plague both his thoughts and work. It was hard not to love the freedom of the company based



COURTESY OF JARED FLORES

**ETHICAL CODE:** During his internship, senior Jared Flores learned about the moral concerns of a computer programmer.

in Ranshofen; a combined temporary layout and relaxed schedule made for a seemingly perfect environment. Until it wasn't. It was a pivotal moment in his internship when Flores received the assignment to develop code for a joystick. That in itself wasn't ground-breaking. What concerned him was the discovery that his code would be used to train pilots for battle. "I'm working for the Austrian government, so I know that this is going to be used to train pilots who aren't necessarily on our side at all times," Flores said. "I'd definitely feel guilty if lives were at risk for something I made." Of course, he was aware of the similar predicaments that organizations such as the National Security Agency faced

on a nearly everyday basis. But for the first time in his programming career, Flores was facing a moral dilemma of potentially dictating the power of life and death. Only after much contemplating did he realize that though the joystick would be used to train pilots, it could also serve beneficial purposes. One such purpose involves the human centrifuge, a tool used to prepare aviators and astronauts to experience vicariously high levels of acceleration. Flores told himself that his code, like any creation, may be used for purposes beyond his control. He just had to trust that the benefits would outweigh them. "[Coding] is a double-edged sword," Flores said. "Something can always be used for good or bad. The point is to design it in a way that would minimize this risk."

## Hands On / Koichi

ハンズオン東京 ・ TOKYO 高良 光一 ・ TAKARA

By Charlis Clark, STAFF WRITER

"We're here to put a dent in the universe. Otherwise, why even be here?" These influential words spoken by the late Steve Jobs echoed in senior Koichi Takara's mind as he made his way across the Pacific. It was there that he interned at the volunteer-based nonprofit Hands On Tokyo. What, or rather *who*, he found in Japan made him realize that he didn't always have to be the man in charge to make a difference. While Takara had been contacted by the organization originally for his robotics knowledge, over the course of four weeks, he would race solar-powered cars with institutionalized children, introduce robotics to the blind and dance with the elderly. A man on a mission, Takara became one of many volunteers driven to help others. Within every child and elder he

worked with, he saw a light that shined far brighter than anything which can be found in a machine. "I think they saw their own potential and realized what they are capable of making," Takara said. "They changed my perspective as well." Although Takara played the role of teacher, his students weren't the only ones learning valuable lessons. While introducing the basics of robotics to blind children, Takara realized he couldn't use traditional methods of teaching. He had found a way to make his dent in the universe.



COURTESY OF KOICHI TAKARA

**HANDS ON EXPERIENCE:** Senior Koichi Takara (left), his project leader and fellow senior Drake Wongtosarat (right) participate in the Motor Development Program.

## Lana Kamel



By Jenny Tran, STAFF WRITER

Some walked away, others stood by and watched, but senior Lana Kamel was the one to lend a helping hand in a crisis. When Kamel shadowed her mentors at the Children's Cancer Center of Lebanon, rhythmic beeps from heart monitors kept pace with her echoing footsteps. Seeing patients lie helplessly on their beds, Kamel felt a surge of desire in her heart to alleviate their suffering. After one month, that yearning only increased. It was truly an eye-opening experience for Kamel to directly interact with the patients, a chance she would never get here in the United States. When she volunteered at St. Jude Medical Center here in Fullerton, Kamel was not allowed to touch the sheets, much less

the patients. Hospitals in the U.S. have strict policies dictating the actions of underage volunteers, putting liability before anything else. However, in Lebanon, the patients' needs were priority, which allowed Kamel to

openly assist those who were less fortunate. Kamel recalls in particular a speech impaired girl who looked to her for help through simple gestures such as pointing to toys or holding hands. With her actions speaking louder than words, the duo seemed to form a mutual understanding through silence. Even the doctors noticed their bonds. Though she had only spent a month at the center, Kamel left a lasting impression on the patients she had engaged with. Through small interactions, she was able to bring them one step closer to their recovery. As she stepped out of the hospital, she envisioned her future self as a hero, wearing not the extravagance of a cape, but the humility of a white lab coat. "I feel bad because people are in the situation where they can't do anything about it," Kamel said. "But knowing that I can be a part of making [a patient's] life better is important."



COURTESY OF LANA KAMEL

**UNCONVENTIONAL HERO:** Senior Lana Kamel helped save lives this summer at the Children's Cancer Center of Lebanon.

## VISION

青年视觉

## HELEN WANG

By Jenny Tran, STAFF WRITER

Captured within the computer frame, images of life-like European models and exquisite Japanese architecture constituted a mosaic of colors. Though enclosed in her workspace, senior Helen Wang had the whole world at her fingertips. Hopping off the plane and jumping onto the bus, Wang familiarized herself with the bustling streets of Beijing, China. Upon her arrival, she was greeted by bold words that read *Vision Magazine*. A visual showcase of exuberant fashion, cultural trends and art, *Vision Magazine* brings international trends right into the hands of its readers. As a design intern working on promotional posters and mobile web pages, Wang

got an inside scoop on China's evolving mindset through unconventional magazine layouts. As Wang flipped through the pages of the magazine, she was enamored by their boldness. The magazine incorporated foreign contemporary styles by embellishing its articles with big, bold, bright texts. With this eye-catching format, *Vision Magazine* strayed away from the more minimalist concept of the conventional magazine and attracted proactive youths. Besides styling purposes, the rainbow colors also reflected China's involvement in current issues such as the LGBT movement. Contrary to popular stereotypes of the China media being strongly censored,

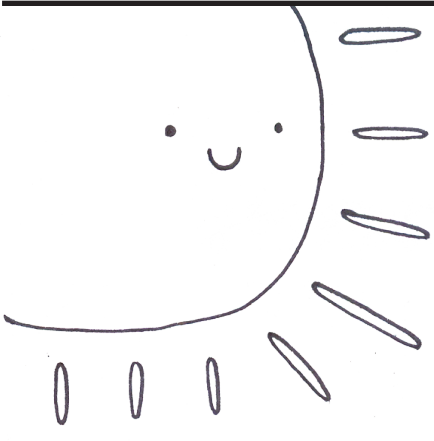
Wang found a positive outlook on the controversial issue that revealed China's adoption of the open-minded views abroad. "There is less of a cultural difference between America and China because China is growing more liberal," Wang said. Though she traveled to a foreign country, the bridge in traditional cultural differences made it feel as if she had never left home. If anything, the ambiance of the office at *Vision Magazine* reminded Wang of the Yearbook room. Wang's vision of the global village really went off the page. "[The team] didn't seem that different from American postgraduates," Wang said. "Everyone was really open, friendly and accommodating."



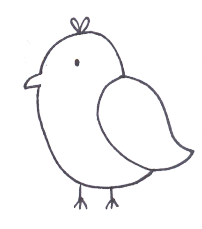
COURTESY OF HELEN WANG

**GLOBAL VISION:** Senior Helen Wang (second from left) and her design editors proudly display the newest edition of *Vision Magazine*.





# why you should be an early



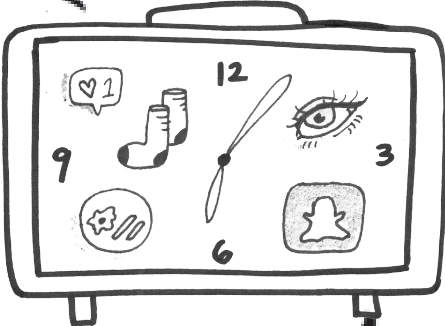
If you find yourself fighting relentless daytime drowsiness and poor daily performance, we’ve got good news for you: there’s a quick fix. Take a page out of the avian book and learn why you should channel the early bird.

By Angelica Mae Sano, **STAFF WRITER**, and cartoons by Lucy Lee, **CARTOON EDITOR**, and Irene Yoo, **CARTOON**



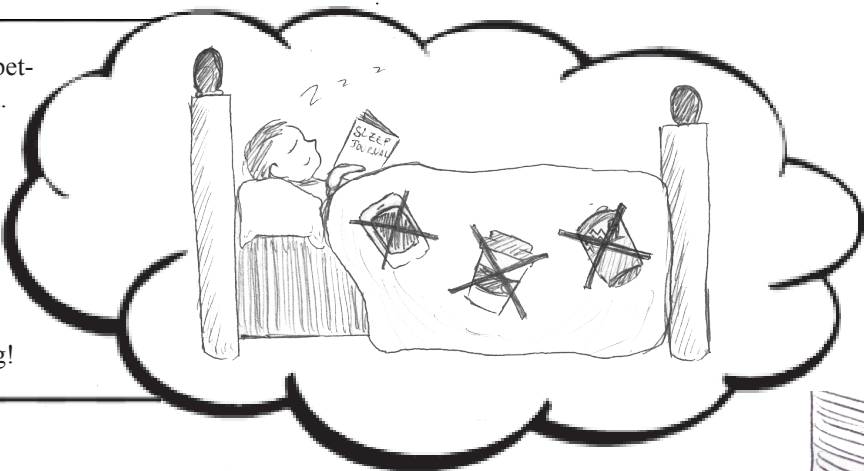
Bloodshot eyes, forehead acne, a string of C’s—is there a common cause? Yes, lack of sleep. If this sounds like you, don’t worry; you’re not alone. According to the National Sleep Foundation, 45 percent of high school students get fewer than eight hours of sleep per night. Thinking of pulling an all-nighter for that huge biology exam? Don’t bother. You need sleep to absorb information, so a late study session will only make you groggy during the test. And sleeping in on the weekends won’t solve anything. Staying in bed for half of the day won’t balance out the four hours of sleep you typically get on a school night. Really, the only way to cure your fatigue is by maintaining a consistent sleep schedule.

Picture this. Your alarm clock goes off, and you don’t feel tired. Refreshed and animated, you tackle those to-do’s on your list and still make it to bed on time. Early risers, you know what I’m talking about. The thought of more “me time” is exhilarating enough, but to actually have it? For most of us, time is a luxury all too rare these days. Saying goodbye to that haphazard sleep schedule may open the doors to the joys of sleeping and waking early. Truly, rising earlier can completely transform a stressful lifestyle. With extra time to yourself, you will find that the possibilities are endless: you can go on a morning jog, read that book gathering dust on your shelf or even catch up on that new Netflix series everybody’s been talking about.



You’re probably grumbling at the thought of waking up early, but don’t knock it till you’ve tried it. Sooner or later, you may find that you’ve learned to refrain from double-tapping pictures on Instagram for the “last time” and instead would rather rest your head on your pillow and drift off to sleep. You may finally get to sample that trend you’ve been wanting to try. Who knows—maybe you’ll finally perfect winged eyeliner or find a matching pair of socks for once. Unlike late sleepers who skip or skimp on breakfast, you could prepare a wholesome, delicious meal that boosts your energy for the whole day. With more energy, you’ll perk up, primed to participate in school and earn high grades. Read the news, study your vocab, save your Snapchat streaks—whatever you wish you could do more during the week can now be done in the morning.

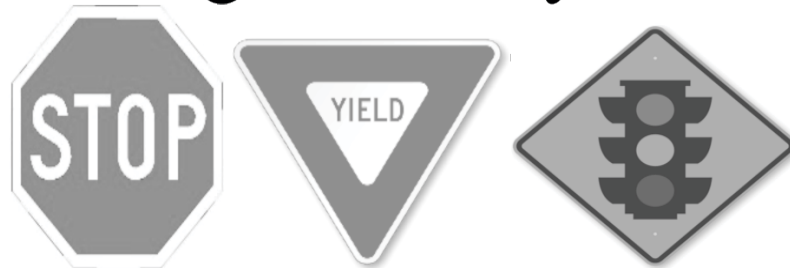
Want to know the secret to becoming an early riser? Sleep early and sleep better. Sure, it won’t happen overnight, but it may if you put your phone down. In this newly digitalized world, that cracked screen of yours is the number one obstacle between you and your beauty sleep. Still struggling to relax? Try keeping a sleep journal. It can help you plan out your day and improve daily sleeping habits. Also, make sure to avoid caffeinated beverages like coffee and soda right before bed. And, of course, don’t procrastinate on homework. While this is all easier said than done, just give it a go. These techniques can help you achieve better health, more sleep and an earlier bedtime. Be that early bird—wake up to a better way of living!





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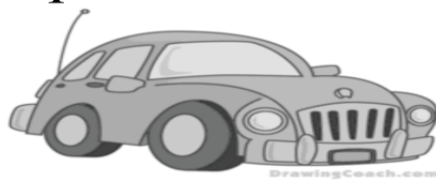


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Out of over 100 clubs on campus, which one is the perfect match for you?

Compiled by Ashley Fan & Hannah Ro, EDITORS-IN-CHIEF

## START HERE

WHICH DO YOU PREFER?  
1. COMPETITION  
2. COLLABORATION



WHICH DO YOU PREFER?  
1. STEM  
2. HUMANITIES



WHICH DO YOU PREFER?  
1. CREATIVITY  
2. ACTIVITY



WHICH DO YOU PREFER?  
1. MEDICINE  
2. ENGINEERING

WHICH DO YOU PREFER?  
1. PUBLIC SPEAKING  
2. BUSINESS

WHICH DO YOU PREFER?  
1. WRITING  
2. ART

WHICH DO YOU PREFER?  
1. DANCE  
2. MUSIC



HOSA



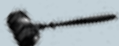
THURS.  
ROOM 908

ROBOTICS



TUES.  
ROOM 425

SPEECH &  
DEBATE



WED.  
LECTURE  
HALL

FBLA



TUES.  
LECTURE  
HALL

JOURNAL-  
ISM CLUB



MON.  
ROOM 315

ART CLUB



WED.  
ROOM 412

PSST



THURS.  
ROOM 417

ECHO



THURS.  
ROOM 403

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# Warrior tennis trounces Rosary 65-29

The Lady Warrior tennis team outlasted the Royals in the scorching heat.

By Jason Choi  
STAFF WRITER

Showcasing their strengthened team cooperation, the Warrior girls tennis team routed the Rosary Royals 65-29 Aug. 31. The Warriors’ singles lineup

swept the game with their powerful serves and blazing returns, exploiting the Royals’ faltering play and shredding defense with sharp cross-court strokes. Assistant captain Kaylee Kang’s aggressive responses to her opponent’s serves won the first set 6-0. Assistant captain Anna Tifrea’s rapid serves easily penetrated her opponent’s defenses, earning a second 6-0 set win. Junior Julian-

na Sabile racked up another flawless victory with backhands that quickly depleted her opponent’s stamina. Mixing risky and cautious styles of play, the doubles lineup trampled their opposition. Captain Hannah Kim and sophomore Shannon White skillfully lobbed moonballs, and followed up with crushing overheads to win a perfect set. Snatching a 6-3 victory,

sophomore-junior duo Julia Hsing and Sophia Hetts crushed opponents with daring play, occasionally gambling on risky returns that grazed the top of the net. After arduous, tense volleys, junior Karin Sherb and sophomore Shaylee Gill ceded a close 4-6 set to Rosary. Nonetheless, the phenomenal performance from the Lady Warriors merited them an indisputable 65-29 victory.

The solid play and smooth team cooperation facilitating the Warrior victory was attributable to summer drills, coach Ali Arredondo said.

“I [expected] to do well today because of all those hours we spent practicing,” Arredondo said. “Those practices ensured the girls [hit] most of the basic shots. The doubles [pairs] had time to get used to one another and adapt their game play accordingly.”

Hours spent drilling in the summer heat allowed the team to bond and synergy to gel, Kang said.

“Everyone’s getting along really well,” she said. “Players [had] enough time to work together and become friends. With more time, I believe our doubles game will advance further.”

Pre-season practices have dissolved nervousness and individualism, Kim said.

“Throughout the summer, we got a lot time to get to know each other. We also had a varsity hang-

out that helped everyone grow less formal and wary of each other.”

While players have top-notch synergy, they still need to reinforce foundational skills, Kang said.

“I saw a lot of little mistakes that could have been easily prevented through practice,” Kang said. “Our serves need work, and some players [made] missteps, which lost them points. Frequent drilling is the key to fixing these errors. We can work on our serves through [repetition]. For footwork, drills like the star drill, which emphasizes quick footwork, help.”

A grasp of essential techniques will make the team more competitive, Arredondo said.

“I did see problems with the serves and a few situations where volleys were used inefficiently. A solid foundation in basic skills will contribute more than mastering a few fancy techniques.”


Nevertheless, these minor errors can be easily resolved in anticipation of a victorious season, Kang said.

“Once all the basic mistakes get fixed, I’m really looking forward to crushing our opposition,” Kang said. “Our team is already very strong, and I don’t foresee any problems between team members. This game is just the beginning; I believe that this season will go fantastically well.”



ASHLEY BRANSON

**BARRELLING BACKHAND:** Senior Anna Tifrea winds up for a ferocious backhand return to sweep her set, without ceding a single game.




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# Freshman golfer Kamille Dimayuga wins nationally recognized tournament

Welcome Dimayuga, the girls golf team’s latest standout.

By Joshua Kim  
SPORTS EDITOR

The recipe for the girls golf team’s newest ace? A perennial smile, a chipper attitude and an unquenchable drive for success. Bursting onto the high school golf scene, freshman Kamille Dimayuga captured an American

Junior Golf Association (AJGA) championship title at Morongo Golf Club with a three-day score of 68-71-72 July 24-27.

Ever since her older brother placed an iron in her hands four years ago, Dimayuga has been in love with golf. Home schooling liberated her from a strict traditional school schedule, granting her ample time to hone her golf game. Dimayuga teed off her career at the Southern California Professional Golf Association (SCPGA) Junior Tours, claim-

ing her first win at the Willowick Spring Classic Mar. 13, 2013. Since then, the rising golf virtuoso has claimed 24 more SCPGA championship titles, including the Toyota Tour Cup at Industry Hills Golf Club this summer.

“My older brother took me [golfing] one day, and I just got hooked,” Dimayuga said. “Over summer, I would practice from 7 a.m. to 7 p.m. I’d stay at the golf course all day. I [also] took lessons every week to help with my mentality under pressure.”

Dimayuga’s intense practice regime, coupled with the occasional private lesson, shaped her into a formidable golfer. She frequently enters regional and national tournaments, rarely walking away empty-handed.

“Last month at Morongo I shot five under for my first AJGA win,” Dimayuga said. “I just recently won my first Toyota Tour Cup title three weeks ago, right before school started.”

Medals layered around her neck and trophies stacked in her arms, Dimayuga enrolled in Troy High School, a public school, to fulfill National College Athletic Association requirements. The brilliant golfer quickly secured a slot on varsity, succeeding 2017 graduate Beth Lillie as the team’s ace. Out of her five team matches so far, Dimayuga has claimed four medalist titles for an average score of one under par.

Despite her exceptional debut on the team center stage, Dimayuga’s transition into high school has not been completely effort-

less. A course load of six classes has cut her 12-hour practice schedule down to only two hours.

“I [am] just getting used to school starting, because I was home schooled before,” Dimayuga said. “The first week was pretty tough, but I created a schedule of finishing as much homework as I can in school. Whatever I don’t finish, I do after school, and then golf all night.”

Dimayuga’s matches against top-tier opponents have proven her mettle and grit. Even in a high-pressure match against Troy’s rival team, the Walnut Mustangs, she led the Warriors with her impressive score of one under par. Her consistent low scores and elevated technique can be attributed to her calm under pressure.

“Before a competition I just know that I’ve got everyone under my feet,” Dimayuga said. “Physically, I sleep early [and] get rest.”

When asked about her advice to younger athletes, Dimayuga replied, “It may sound cheesy, but just believe you can, [and] with hard work you can do it.”

But for Dimayuga, hard work isn’t her only anchor for

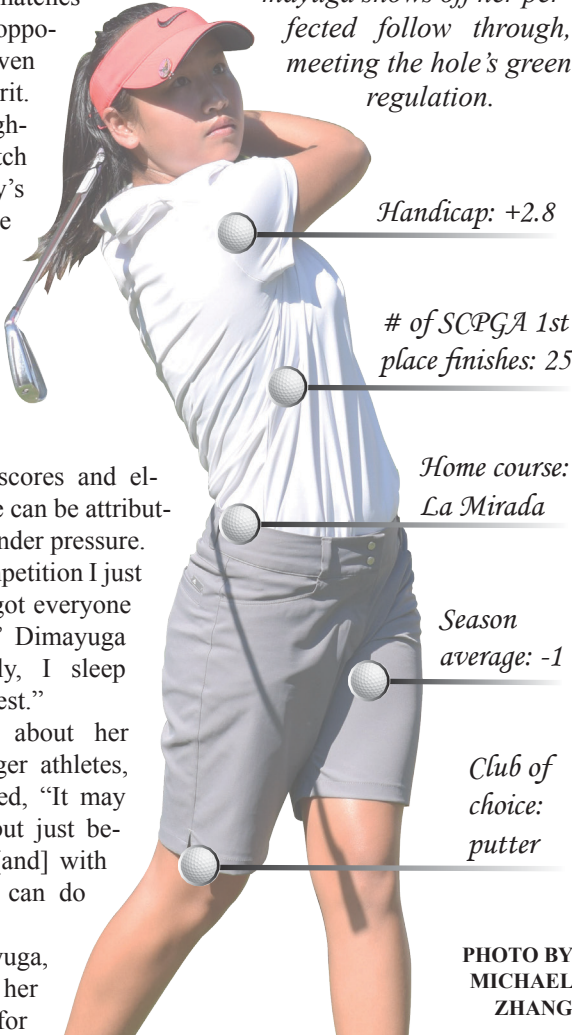
success. “My mom is my inspiration because she was recently diagnosed with [chronic inflammatory demyelinating polyneuropathy], and her medication is really expensive. One day when I become a professional golfer, I hope to afford my mom’s medication so that she can get better.”

**FORE!** Freshman Kamille Dimayuga shows off her perfected follow through, meeting the hole’s green regulation.



MICHAEL ZHANG

**PUTTING IN EFFORT:** Crouching to judge the lie of her putt, Dimayuga strategizes for a par-play round.



Handicap: +2.8  
# of SCPGA 1st place finishes: 25  
Home course: La Mirada  
Season average: -1  
Club of choice: putter

PHOTO BY  
MICHAEL  
ZHANG

## GAMES CALENDAR

WATERPOLO BOYS TENNIS GIRLS GOLF GIRLS VOLELYBALL FOOTBALL

### SEPTEMBER

18 VA/PALENCIA 3-4PM

18 EL DORADO 3-6PM

19 BUENA PARK 3-6PM

19 SUNNY HILLS 3-6PM

19 SUNNY HILLS 3-6PM

20 BUENA PARK 6:30-7:30PM

20 FULLERTON 3-6PM

21 FULLERTON 3-6PM

21 LA HABRA 3-6PM

21 BUENA PARK 5:30-8PM

21 VA/PALENCIA 7PM

25 LA HABRA 5:30-8PM

25 SONORA 3-6PM

26 SONORA 3-6PM

26 SUNNY HILLS 3-6PM

27 SUNNY HILLS 5:30-8PM

27 LA HABRA 5:30-6:30PM

27 BUENA PARK 3-6PM

28 BUENA PARK 3-6PM

28 FULLERTON 3-6PM

29 DON LUGO 7PM

### OCTOBER

2 YORBA LINDA 3-6PM

2 LA HABRA 3-6PM

3 LA HABRA 3-6PM

3 SONORA 3-6PM

3 FULLERTON 5:30-8PM

TU-AN NGUYEN

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do I can  
do hip  
hop if it's  
Sassy!”

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# FALL 2017

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**CLASS** (select one)

Saturday PM 1:00pm-5:30pm

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### CLASS

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## IMPORTANT DATES

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<b>Oct 11</b>	PSAT/NMSQT Test Date
<b>Oct 28</b>	ACT Test Date
<b>Nov 4</b>	SAT Test Date

<b>Nov 1-30</b>	UC App Filing Period
<b>Dec 2</b>	SAT Test Date
<b>Dec 9</b>	ACT Test Date
<b>Dec 31</b>	Private School Apps Due

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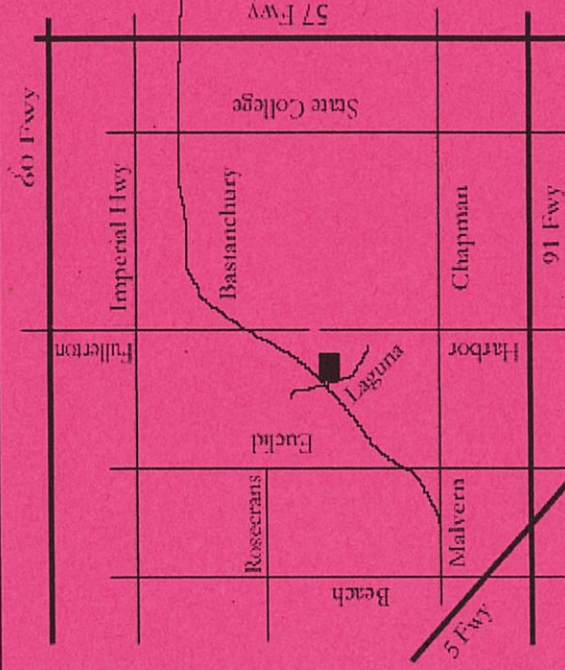
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*Peter Whang, Wheaton, Princeton University*

"The **XL** teachers and Mrs. Kim helped me prepare for the SATs, but most importantly, they helped me build character. Mrs. Kim, who never gave up on me, proved to me the miraculous power of faith, hope, and love—the kind of faith, hope, and love every great teacher pours onto her students, and the kind that changes their lives in the best way. I have yet to meet another teacher like her. And I want to spend life change someone's life, like she changed mine."

*Andrew Chu, UCSD, BU Medical School/Harvard*

"**XL** Learning Center is the best place for any student seeking to improve academically. Both my daughters were able to achieve SAT scores of over 2300 while attending **XL**'s SAT prep classes. What distinguishes **XL** from other programs is the personal attention each student receives from Mrs. Kim. She brings out the best in her students. I recommend **XL** Learning Center and highly endorse them to anyone looking to maximize their abilities."

*Bob Uppal, parent of VHS IB student, UC Berkeley, UPenn*

"Their strategies are very effective in making my test taking abilities much faster. I never knew I could skip so many parts by using their shortcuts and still get the right answer. Mrs. Kim's teaching combines a great sense of humor with a deep understanding of the subject to provide the perfect lesson."

*5 Stars on YELP*

"By personally enforcing realistic, short term goals, Mrs. Kim taught the material necessary to answer correctly and ensured that every student knew the material well enough to teach it. Also, Mrs. Kim's expertise in and vast experience with writing and college applications made her an ideal guide for my application process. Her intense corrections and personal attention allowed me to be responsible for my own creative process. I learned the process of writing that will come in handy through my entire life."

*Kunal Shah, Cornell University, Duke Medical School*

## COLLEGE SEMINAR for parents of Middle School and High School students

Friday, Sept 15, 2017 @ 7:00 pm (in English); Saturday, Sept 16, 2017 @ 7:00 pm (in Korean)

- An in-depth look at the requirements necessary to enter the college of your choice.
- A personal time of sharing from a professional education consultant and experienced mother and teacher.

## REGISTER NOW

# (714) 990-9339

[www.xllearningcenter.org](http://www.xllearningcenter.org)

910 E. Birch Street, Suite 380, Brea, CA 92821  
(Brea Mall next to JC Penny and Embassy Suites Hotel)



**Vocabulary & Writing(6th)**
**Th 4:00-6:00 pm**

Our 6<sup>th</sup> grade English class emphasizes grammar, punctuation, sentence structure through research writing, and analytical reading in literature. Students will be required to write reports on a weekly basis.

**Writing & Critical Analysis(7th)**
**T 4:00-6:00 pm**

Our 7th grade English class teaches the basics of critical reading, comprehensive application of vocabulary, effective sentence writing, and memory techniques. Students are required to read on a weekly basis.

**Essay & Critical Analysis(8th)**
**T 6:00-8:00 pm**

Our 8th grade English class focuses on learning how to write formal essays. This essay writing class teaches students how to write structured formal essays as well as the skills necessary to be a good editor. Good essay writers are great editors. Set the foundation for a smooth high school career. The second half of the class focuses on critical analytical reading skills in literature.

**Critical Analysis(9th-12th)**
**Th 8:00-10:00 pm**

This class focuses on critical & analytical reading & thinking, the ability to analytically assess the author's work as well as one's writing, format of critical analysis, logical analysis of outlines, and formats of analytical text. This class include morphology and word groupings. Get a head start on the SAT's!

Students MUST have mastered essay writing prior to this class.

**Pre IB Class (Oct. 6, 2017 - Jan. 26, 2018)**
**F 4:00-6:30 pm**

It is suggested that this program be taken in conjunction with the 8th Grade English class. The Program will cover vocabulary, critical reading and overview of math to ready students to take the IB and/or the SSAT/ISEE tests.

**High School Essay**
**T 8:00-10:00 pm**

Writing a good essay is not only essential to getting good grades in high school, but also necessary to succeeding in college. Our high school essay class focuses on the skills necessary to write effective formal essays. This intensive writing class emphasizes sentence structure, grammatical errors, essay formulation utilizing schematic outlines, and the basic principles of editing an essay.

**Open Forum**
**M-F 4:00-8:00 pm**

Build good study habits. A quiet After-School Study room supervised by a teacher who will help students with questions on their homework. This is not a private tutorial class.

**1-on-1 Private Tutoring (all subjects)**

We provide personalized one-on-one tutoring by instructors who have taught our courses. Our teachers pinpoint the student's individual weaknesses and strengths, knowledge, and learning style. The instructor customizes the learning experience for the student. Private Tutors are available for all AP Math, English, History, Sciences, and Korean upon request and availability.

**CONSULTING SERVICE/COLLEGE/GRADUATE SCHOOL APPLICATION & ESSAY WRITING**

For over twenty five years, Mrs. Kim has been helping students navigate through the stressful process of preparing for and applying to colleges. Her individualized attention and knowledge of academic and extracurricular opportunities have guided her students to many prestigious schools, including Harvard, Yale, Princeton, Stanford, UC Berkeley, UCLA, Georgetown, UPenn, Northwestern, Emory, and the list goes on. She is an expert who helps her students write strong admissions applications and essays to match their strengths and career dreams with the right college. Her students continue to use her expertise to guide them not only through college, but also through graduate school and their career.

**Let Mrs. Kim Be Your GPS To Success!**

**SAT/ACT CLASSES**
**SAT Reasoning**

(Critical Reading, Writing, Math, Essay)

**Friday 3:30-7:30 pm and Sat 1:00-6:00 pm  
or Sat 8:00 am - 6:00 pm**

An intensive session with individualized instructions is tailored to meet our student's needs. Get a diagnostic analysis of your strengths and weaknesses. Learn test taking skills and strategies to increase your score. Our highly trained SAT instructors are well qualified and have received in-depth formal training to maximize the student's potential.

**SAT Math only**
**M 6:00-8:00 pm**
**SAT Essay**
**Th 6:00-8:00 pm**

Learn to write a perfect essay to complement your SAT score.

**SAT Subject Math Level 2**
**F 4:00-6:30 pm**

- Covers Algebra to Pre-Calculus
- Shortcuts on math problems
- Improve problem solving skills

**SAT<sup>2</sup> (Accelerated class with Mrs. Kim)**
**M, W 8:00-10:00 pm**

Master the Critical Reading and Writing section of the SAT with Mrs. Kim who has developed and taught techniques to "cheat" the SAT questions. Learn specific strategies to choose the correct answers.

A perfect class for Juniors who want to become National Merit Scholars. (Each year, 15-28% of all XL students become candidates for the National Merit Scholar; the national average is 3%)

\* A minimum of 3.5+ unweighted GPA \* Limited enrollment

**ACT<sup>2</sup> (Accelerated class with Mrs. Kim)**
**M, W 6:00-8:00 pm**

Learn the technical skills necessary to accelerate your ACT score. The class covers Writing, Reading, Science, and how to write a perfect essay. Students are taught how to evaluate and analyze the given perspectives, state and develop one's own perspective, and explain the relationship between own perspective. The class is open to students who wish to attain a score of 32+.

\* A minimum of 3.5+ unweighted GPA \* Limited enrollment

**SAT/ACT/IB WINTER Camp Dec. 26, 2017-Jan. 5, 2018**

**SAT/ACT: 9:00 am - 5:00 pm  
Pre IB Class: 9:00 am - 1:00 pm**