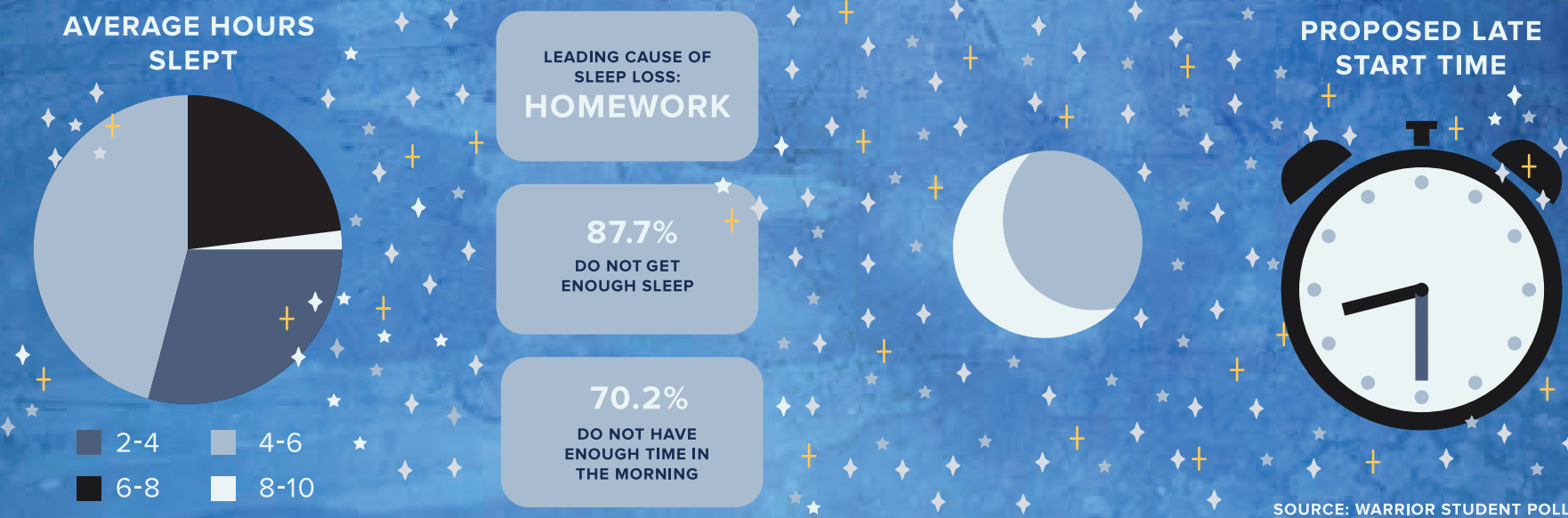


ORACLE

2200 E. DOROTHY LANE, FULLERTON, CA 92831



SLEEP: A DREAM?

The California State Assembly reviewed a new bill that proposed later start times for all middle and high schools.

Compiled by Alina Choi, NEWS EDITOR, article by Angelica Sano, STAFF WRITER, graphic by Tu-an Nguyen, GRAPHICS EDITOR, photo by Julianna Sabile, PHOTO

A recent California bill awoke a dormant discussion about sleep deprivation among students. Originally introduced by Sen. Anthony J. Portantino, Senate Bill 328 would have prohibited secondary schools from starting earlier than 8:30 a.m. The bill was ultimately vetoed by Gov. Jerry Brown Sept. 20. According to Brown, along with several national teacher associations, the schedules should be managed by individual school communities.

Although it was met by opposition by various school administrations, the bill raised national awareness about the importance of sleep for students. According to the American Sleep Apnea Association, most teenagers experience a delayed sleep phase, which occurs due to shifts in circadian rhythms during puberty. As a result, many adolescents find it difficult to sleep before 11:00 p.m.

According to the Center for Disease Control and Prevention, almost 70 percent of teenagers do not get the recommended eight hours of sleep. In order to help resolve this issue, Portantino authored the bill to improve student health and in turn, punctuality, grades and graduation rates.

“Every year we discuss as parents, educators and legislators the best practices for our children and their education,” Portantino said. “The data on this measure is clear. Starting the school day at a later time improves the quality of education, health and welfare of our children.”

Although a later start time would have been a potential inconvenience for parents with inflexible schedules and teachers with earlier work hours, the students’ physical and mental health is the top concern, Portantino said.

According to a student poll, about 90 percent of Warriors believe that they receive an insufficient amount of sleep each day. Government officials should recognize that sleep deprivation clearly has negative effects on teenagers, one student said.

“I tend to be more productive and optimistic after 9:00 a.m. I’m willing to work, and my body isn’t dragging me down. Before 9:00 a.m., I tend to feel sluggish and have to force myself to [be productive],” a student said. “I feel like [Brown] vetoed [the bill] because of the argument that ‘it’s always been like this.’ Just because something has been implemented for so long doesn’t mean it works now.”

Sleep researchers agree that the bill’s policy on new start times would have accommodated students’ natural sleeping patterns. Amidst school and extracurriculars, students often harm their health by compromising sleep for productivity,

sleep researcher Irene Keller said.

“No amount of work on the part of adults can compare with the benefits for our children’s physical and mental health as well as safety,” Keller said in response to those who opposed the bill. “The science is unequivocal on this: waking up too early and out of sync with adolescents’ biological clock is harmful.”

With the bill highlighting the importance of sleep for the student population, school administrators should unite and think of ways to help students achieve more sleep, Portantino said.

“If we want healthy kids and healthy schools, we should have a healthy start time based on science, biology and results,” Portantino said. “It is fundamental to put the well-being of our students first.”

**E A R L Y
M O R N I N G
S T R O L L :**
Seniors Litzy Galarza and Gemina Diaz-Ybarra walk across the busy campus.
JULIANNA SABILE



INSIDE
THIS
ISSUE

OPINION
Get a perspective on Supreme Court nominee Brett Kavanaugh’s controversial confirmation hearings and sexual assault allegations.



ENTERTAINMENT
Delve into the mind of Youtube creator Shane Dawson through his upcoming documentary series “The Mind of Jake Paul.”



SPORTS
Have you heard about the new Hockey Club? Read about the co-presidents’ paths to becoming hockey superstars.



TROY TODAY

CyberPatriot attends technology luncheon

On Sept. 13, CyberPatriot coach Allen Stubblefield took six students to a luncheon hosted by the Information Systems Security Association of Orange County. At the event, students listened to panel discussion featuring five Chief Information Security Officers from technology organizations. The discussion provided students further knowledge regarding the field of cybersecurity.

FBLA comes together to participate in Southern California competition

The Future Business Leaders of America club will attend the Leadership Development Institute South 2018 at the Double-Tree Hotel in Anaheim Oct. 27-28. At the convention, schools from the Southern Section will participate in government, business and interview workshops. Students will also listen to presentations from guest speakers and engage in different team bonding exercises to promote club camaraderie.

Gym construction projects extend to basketball courts

After undergoing months of construction and remodeling, both gyms have reopened for rallies and sports games. The newly installed heating, ventilation and air conditioning system will allow sports teams to continue practicing in the facilities. The conclusion of this construction project marks the beginning of reconfiguration of the basketball courts with new asphalt.

APES classes go to Newport Bay

Advanced Placement Environmental Science teacher Sara Velarde took her classes on a field trip to Upper Newport Bay Sept. 28. During the trip, students conducted a marine life inventory on a boat. Students will apply this experience to in-class projects.

Marching Band begins competition season

Warrior Band & Guard will be participating in the Whittier Union High School District Field Tournament at California High School Oct. 6. Competing against 22 teams in the area, Band will perform in the evening and then attend an awards ceremony.

Common Cents Club participates in stock market simulation

The economics club launched its first financial competition of the year with the aim of promoting financial literacy.

By Sky Jung
STAFF WRITER

In an effort to foster interest in real-life financial matters, Common Cents Club began the online Knowledge@Wharton High School (KWH) Investment Competition Oct. 1. Hosted by the Wharton School of the University of Pennsylvania, the KWH Investment Competition is an annual event that uses the Wharton online trading and investment simulator to replicate real-time stock markets. Throughout the three month competition period, teams will exercise collaboration and company analysis skills to create their final investment strategies.

For the competition, teams strategically invested \$100,000 of virtual currency in the stock market. Eventually, teams will submit their final projects to a panel of judges, who are experts in business and economics. The competition coordinators hope to emphasize the learning process over numerical results. As a result, judging criteria is based on the efficacy of each team's final submissions, rather than the net growth of their portfolios. The top 10 finalists will travel to the Wharton School of the University of Pennsylvania and present their strategies to the judges. Focusing on training basic



CELIA KANG

TALKING CENTS: Senior Dayne Tran introduces the objectives of the Common Cents Club at its first meeting by discussing national competitions for students interested in finance.

skills, Common Cents Club initiated preparations for the competition by teaching its members communication and financial skills. According to Co-President Dayne Tran, the club used online modules from the University of California, Irvine (UCI) to give members advice on developing efficient financial plans to invest in companies. "We gave [club members] business school level knowledge and resources [for] the competition," Tran said. "We used resources from the UCI School of Business and [their] online modules. The idea is to have them reinforce good fiscal habits for adulthood."

Common Cents Club will continue training members by holding club-directed stock competitions and simulations throughout the school year. In addition, the KWH Investment Competition provides a more holistic, global learning experience for high school students. Through participating in the competition, Tran hopes to teach Common Cents Club members how to better understand and apply their skills in finance. "It's really exciting and challenging to use [financial skills] in a competitive environment and compete against [other] schools," Tran said. "You get a greater per-

spective on the world, and I think it's great that students want to learn about economics and finance." Tran founded Common Cents Club to educate Warriors about personal finance and inspire common interest in business. "I'm really interested in business and economics [because] I think they have a really good amount of qualitative and quantitative aspects," Tran said. "With competitions, [we] raise people's personal finance and financial literacy levels in ways that are dynamic and fun. Our long-term goal, essentially, is to make learning about investment and finance something that you want to learn."

TechDev to host hackathon

The new club will organize a collaborative hackathon to promote student interest in technology-based careers.

By Miseok Kim
STAFF WRITER

Encouraging student collaboration on innovative projects, the Warrior TechDev club will be hosting its first hackathon, WarriorHacks, Oct. 20. TechDev is a derivation of the phrase "technology-development." As the name suggests, members aim to improve their skills in web development, application programming or graphical development. Throughout the year, members develop their skills by discussing solutions to programming problems and creating digital products. Co-President Alicia Wang decided to host the school-wide hackathon to allow high school students to participate in hackathons, which are typically only available to college students. WarriorHacks will be open to

all students interested in learning to work with other people and developing complex projects. Each team will be comprised of four people, with one person from each branch of the hackathon: business, coding, design and engineering. During the hackathon, team members will discuss solutions to technological problems, which are opened to allow for innovation. Participants should relate their solutions to the theme of the competition as well as implement the solutions as mobile apps, software programs or physical products. Once the competitors decide on viable solutions, they have the rest of the 10-hour time frame to create and implement them. At the end of the event, teams will present their projects to

a panel of judges, which will consist of Warrior teachers. Judges will choose the winning team based on the creativity of its solutions and its relevance to the competition's theme. According to Co-President Johanna Liang, hackathons are commonly perceived to be exclusively for coders and engineers. On the contrary, hackathons should include not only people who specialize in fields of science or technology, but also those who are interested in business or design in order to consider fresh perspectives, Liang said. By emphasizing the broad range of skills required in hackathons, Liang said she wants to change the perception that a person only needs to be proficient in one area.

"We are not trying to focus only on coding, because hackathons are also about teamwork and creativity and problem solving and business."

Johanna Liang
Co-President

"We are not trying to focus only on coding, because hackathons are also about teamwork and creativity and problem solving and business," Liang said. "We realized that in the industry, in future careers, you need more than one specific set of skills." Through the competition, Liang wants to encourage girls to demonstrate their talents and continue to participate in science, technology, engineering and mathematics (STEM) fields. "Both of us are females, and we both have interest in STEM, and we noticed the gender gap in STEM fields," Liang said. "We want to encourage people who may not have the same access to resources that we have to participate—to give them a chance to explore this option." The overall goal is to host at least one hackathon per semester and to promote diverse participation, Wang said. "Our vision this year is to encourage everyone—girls, guys, minorities—to try out and [determine] what their passions are," Wang said.

The government needs to improve on disaster relief

By Isaac Yang
STAFF WRITER



While only North and South Carolina residents have to endure Hurricane Florence’s rapidly moving winds, all Americans are endangered by President Donald Trump’s stagnant administration.

As of Oct. 2, the death toll of Hurricane Florence has reached 51, with the deadly flood closing over a hundred roads and cutting off power to nearly 500,000 homes and businesses in the Carolinas. Originally projected to be a Category Four hurricane, Florence was downgraded to a Category One and caused nearly \$80 million in damage. Despite Trump’s confident Twitter postings, the government is far from “completely ready” to help its citizens.

Alarming, Trump diverted \$10 million from the Federal Emergency Management Agency (FEMA) to U.S. Immigration and Customs Enforcement according to a Department of Homeland Security document released on Sept. 11. This decision endangers citizens because FEMA, which is

responsible for coordinating government-wide relief efforts for natural disasters, has been understaffed since 2017. Ironically, this is the same man who told the United Nations that he will always prioritize his citizens’ safety.

Moreover, Trump’s administration has not had a successful history with natural disaster relief. The president’s relief efforts for Hurricane Maria resulted in nearly 3,000 excess deaths due to his decision to send a workforce with over half of the men lacking proper training, according to the U.S. Government Accountability Office. Trump’s congratulatory words for the relief effort of Hurricane Maria contradicted with FEMA’s reports, which admitted to the agency needing to improve its programs.

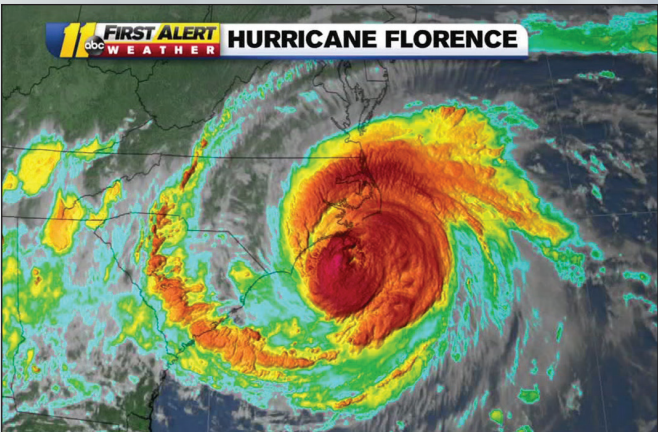
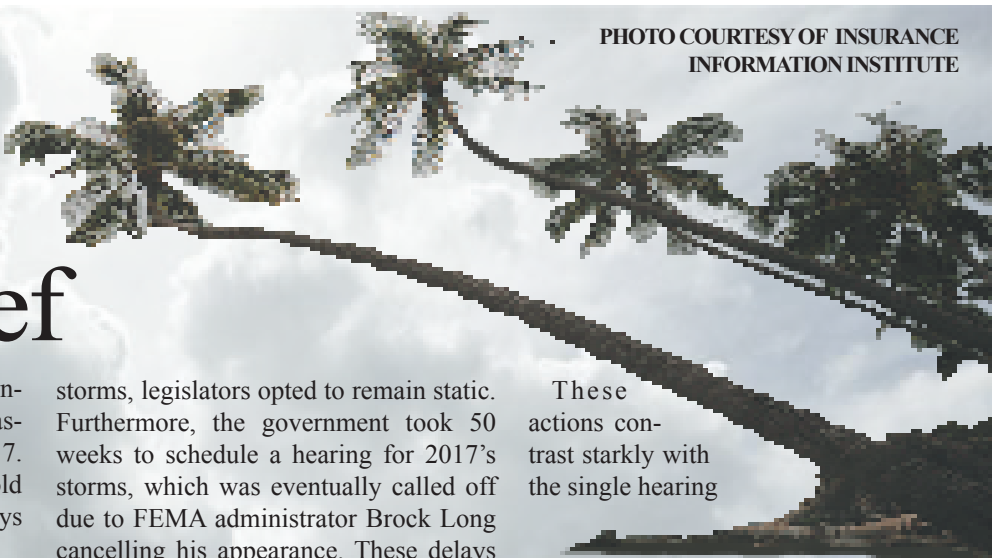
Although Hurricane Maria already highlighted the need for internal reform, the government did not make any changes to prepare for future natural disasters. Instead of pressing for changes that would save lives in future

storms, legislators opted to remain static. Furthermore, the government took 50 weeks to schedule a hearing for 2017’s storms, which was eventually called off due to FEMA administrator Brock Long cancelling his appearance. These delays and last minute cancellations suggest disorganization, negligence and unpreparedness.

In the past, the government has proved that it is capable of learning from previous mistakes. Hurricane Katrina ravaged the eastern part of the country and killed nearly 2,000 people in August 2005, and the government showed signs of wanting to learn from its mistakes. Tom Davis, a former Chairman of the House Government Reform Committee, arranged nine hearings, organized interviews and briefings, and subpoenaed documents from the Bush administration to learn how to adapt and prepare for future disasters.

These actions contrast starkly with the single hearing

PHOTO COURTESY OF INSURANCE INFORMATION INSTITUTE



for Hurricane Maria. Clearly, internal government problems stem not from inability, but from neglect.

America may not have been ready for Hurricane Florence, but the government can still save lives by implementing necessary policies. The Trump administration should redirect money to help the understaffed FEMA so that it can adequately prepare relief teams.

The government must acknowledge its shortcomings, and enact changes accordingly. Pride and lies should not supersede human lives.

GRAPHICS BY TU-AN NGUYEN

HURRICANE DATA IN RECENT YEARS



Costs

Harvey	\$125 billion
Maria	\$90 billion
Irma	\$53 billion
Florence	\$38 billion

Casualties

Maria	1139 deaths
Harvey	102 deaths
Irma	134 deaths
Florence	51 deaths

Duration

Florence	19 days
Maria	16 days
Harvey	15 days
Irma	14 days

Donald J. Trump @realDonaldTrump · Sep 13
We are completely ready for hurricane Florence, as the storm gets even larger and more powerful. Be careful!

6.9K 8.5K 47K

Donald J. Trump @realDonaldTrump · Sep 12
We got A Pluses for our recent hurricane work in Texas and Florida (and did an unappreciated great job in Puerto Rico, even though an inaccessible island with very poor electricity and a totally incompetent Mayor of San Juan). We are ready for the big one that is coming!

45K 16K 78K

PHOTOS COURTESY OF TWITTER

PRESIDENT’S TWEETS ABOUT HURRICANE FLORENCE: *Trump optimistically asserts on Twitter that the government is ready to deal with the consequences of Hurricane Florence September 2018.*

Troytendo: Lesser of Two Evils by Katie Nguyen



KEEPING UP
with the OPINION
EDITORS

The Tale of Amazon:
Workers and Wages

By Lex Park
OPINION EDITOR



Amazon announced Oct. 2 that the trillion dollar company would raise its minimum wage for U.S. workers to \$15. While this wage increase has been a long time coming, the actions taken by CEO Jeff Bezos and the rest of the management are definitely commendable. Amazon employs more than 575,000 people, and the wage increase directly benefits 250,000 of them. Most of those people are warehouse workers who package and ship our orders, ensuring that our next-day delivery requirements are fulfilled. Those workers endure 12 hour shifts with short breaks and overwhelming shipping quotas—all for \$11 an hour. But that’s the harsh truth of working that many of us don’t want to acknowledge. For survival, some people must work physically and mentally ex-

“In many cases, the minimum wage is not a living wage. That is, some people who work 40 hours a week are still unable to afford housing, transportation and food on their own.”

hausting jobs with minimal pay. Even then, survival isn’t easy. The current federal minimum wage is a dismal \$7.25 and California’s is at \$11 per hour. In many cases, the minimum wage is not a living wage. That is, some people who work 40 hours a week are still unable to afford housing, transportation and food on their own. For example, Los Angeles’s living wage, as calculated by the Massachusetts Institute of Technology, is \$18.95. Nationally, the living wage is approximately \$16. Even working full-time, debt and welfare are inevitable. Sure, Bezos is deserving of respect for his company’s decision to increase their workers’ minimum wage. However, this does not excuse his suppression of unions and inhumane working conditions. Moreover, the pay raise was likely not implemented due to altruistic motives. With the holiday season approaching and employment at a low four percent, the company was likely anticipating a scramble for workers. But the fact remains that as a global economic leader, Bezos is setting a model for other corporations to follow. Workers form the backbone of our nation. They do all the work that makes middle and upper-class life convenient and comfortable. They serve the food at the restaurants we eat at; they clean the buildings we inhabit; they package your items for next-day shipment. And they deserve to be able to live.

Kavanaugh is unfit to be
in the U.S. Supreme Court

By Lucas Santos
STAFF WRITER



Brett Kavanaugh, President Trump’s nomination to replace the retired Anthony Kennedy, has the proper resume but not the right disposition. His dubious morals and political stubbornness render him unsuitable to be the swing vote in a currently evenly divided court. If he is voted in by the Senate (which is unlikely as both he and the Senate are Republican), Kavanaugh will bring his heav-

compromise with liberals. Many cases on controversial partisan issues such as abortion rights and gun rights will be heavily contested. If Kavanaugh were to decide how these cases conclude, major political issues will go in favor of the Republicans. Take gun laws, for example. If Kavanaugh were to decide on these, he would most likely vote in favor of less restrictions, as he is sponsored by the National Rifle Association. This would be true for all similar lawsuits. If nationwide issues are decided in favor of the Republican Party, it will unbalance our government, especially since the majority of Congress is also Republi-

shot down by Kavanaugh. However, Kavanaugh’s argument does not seem truly authentic, as he repeatedly dodged Senator Dick Durbin’s (D-IL) call for an FBI investigation. When Durbin asked Kavanaugh if he would support a FBI investigation, Kavanaugh avoided a direct answer and instead kept stating his innocence. In addition, Kavanaugh’s backers have disregarded Ford’s claims as false. This is a major sexual misconduct scandal. What does this say about Kavanaugh and his supporters? Clearly, Kavanaugh should not be confirmed to our Supreme Court due to

“Brett’s assault on me drastically altered my life. For a very long time, I was too afraid and ashamed to tell anyone these details. . . I convinced myself that because Brett did not rape me, I should just move on and just pretend that it didn’t happen.”

Christine Blasey Ford

The unbalanced judiciary system may last as long as Kavanaugh serves.

In addition to Kavanaugh’s overly conservative viewpoints that will unbalance the judiciary, he has recently been accused of sexual assault. This should not be an issue surrounding a Supreme Court Justice. His accuser, Christine Blasey Ford, alleges that he assaulted and groped her at a party while the pair were in high

“I will not be intimidated into withdrawing from this process. . . Your coordinated and well-funded effort to destroy my good name and to destroy my family will not drive me out. . . You may defeat me in the final vote, but you’ll never get me to quit. Never.”

Brett Kavanaugh

ly conservative ideals into the Supreme Court. Conservative does not necessarily mean bad, but Kavanaugh is notorious for his refusal to

PHOTO COURTESY
OF PEOPLE
MAGAZINE



TRIAL OF A
JUDGE:
Ford (left) testifies about an alleged assault from Kavanaugh (right), who asserts his innocence. Both are adamant in defending their case.

PHOTO COURTESY
OF WASHINGTON
POST



his overly partisan ideals and the questionable morality of his actions. Justices of the Supreme Court of the United States must be held to the highest standards of morality and lawfulness. Kavanaugh, unfortunately, falls short.

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Sexism and prejudice are still prevalent in professional sports

By Kaitlyn Han
STAFF WRITER



Female athletes have been sidelined for far too long.

In the 2018 US Open Women’s Singles tennis final, Serena Williams lost to Japan’s Naomi Osaka. During the match, Williams committed three code violations by receiving coaching, smashing her racket and verbally abusing the umpire. Admittedly, although the umpire received plenty of backlash for unfairly penalizing Williams, he did adhere to the regulations outlined in the rulebook. Williams, too, cannot be judged harshly since her outburst was merely frustration from her loss. While this particular match did not exemplify sexism, it nonetheless serves as a reminder of the discrimination women endure, even in sports.

For decades, female athletes have been unjustly held to double standards of attitude and clothing. Aptly put by legendary tennis player Billie Jean King, who also faced double standard issues, female tennis players supposedly have hysterical outbursts, in contrast to the outspoken outbursts of male athletes. In addition, women are pressured to abide to a stricter dress code. Williams and French tennis player Alize Cornet have been accused of inappropriately wearing a scandalous catsuit and changing shirts in public respectively. These seemingly harmless actions and their controversial reception emphasize how sports culture discriminates against women.

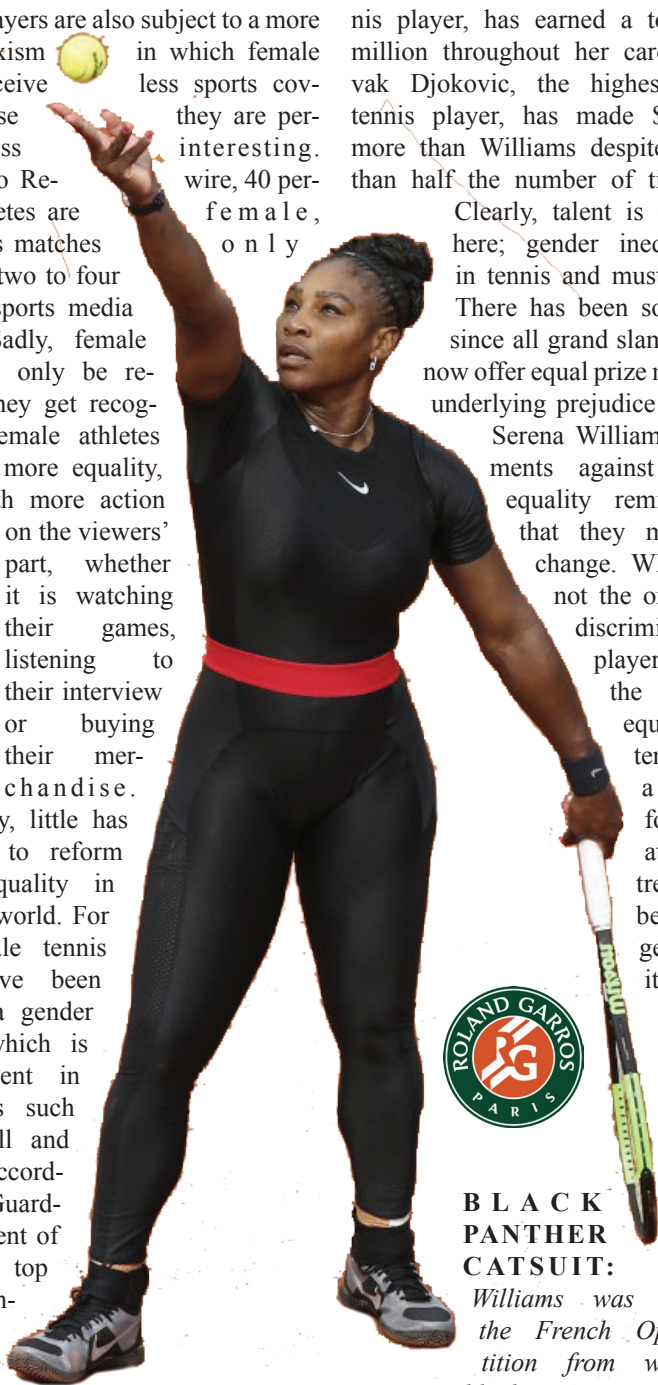
Female players are also subject to a more subtle sexism in which female matches receive less sports coverage because they are perceived as less interesting. According to Reuters, 40 percent of athletes are female, yet women’s matches account for two to four percent of sports media coverage. Sadly, female players will only be respected if they get recognition. If female athletes are to earn more equality, it starts with more action

on the viewers’ part, whether it is watching their games, listening to their interview or buying their merchandise.

Alarmingly, little has been done to reform gender inequality in the athletic world. For years, female tennis athletes have been subject to a gender pay gap, which is also prevalent in other sports such as basketball and soccer. According to The Guardian, 71 percent of the world’s top 100 male tennis players earn more than female players of the same ranking. Williams, the highest paid female tennis player, has earned a total of \$88.2 million throughout her career; yet, Novak Djokovic, the highest paid male tennis player, has made \$30.9 million more than Williams despite having less than half the number of titles she has.

Clearly, talent is not the issue here; gender inequality exists in tennis and must be changed. There has been some progress, since all grand slam tournaments now offer equal prize money, but the underlying prejudice still remains.

Serena Williams’ bold statements against gender inequality reminds viewers that they must promote change. While tennis is not the only sport that discriminates female players, resolving the gender inequality issues in tennis would be a step forward for all female athletes. The trend should be set now for gender equality in sports.



BLACK PANTHER CATSUIT:

Williams was banned by the French Open competition from wearing her black catsuit. Williams wore the catsuit for postpartum medical complications.

“Clearly, talent is not the issue; gender inequality exists in tennis and it must be changed.”

KEEPING UP with the OPINION EDITORS

Paying attention yet? The Rohingya Genocide

By Amy Weng
OPINION EDITOR



For accurately reporting on the genocide of tens of thousands in Myanmar, two Reuters journalists were jailed.

Aung San Suu Kyi, Myanmar’s state chancellor and a Nobel Peace Prize laureate, has ironically insisted that the imprisonment is justified and has “nothing to do with freedom of expression” but rather for obtaining confidential information in violation of the Official Secrets Act, a law passed by the British colonial government in 1923. According to Myanmar’s court, the two journalists were unlawfully investigating the massacre of 10 Rohingya men Sept. 2.

This issue is really a warning to the international press to stop nosing into Myanmar’s internal affairs. It is appalling that even after Myanmar’s military acknowledged the atrocity, and Reuters published an official story about it, the two journalists are still serving an unjust seven year prison sentence.

Suu Kyi is not the token of democracy and freedom of expression that the world had once perceived her to be. Betraying the very principles that made her a success, she is now merely a politician working to please her people, the Buddhist majority of Myanmar who have irreconcilable differences with the Muslim Rohingya population, a legacy of the colonial-era. As more than 700,000 Rohingya have been expelled, Suu Kyi remains overwhelmingly popular within her country. It is far too much to expect Suu Kyi’s government to show clemency towards a group who they view as intruders and threats to their faith, lifestyle and land. She has little incentive to protect the Rohingya and risk her reputation within Myanmar. But this does not excuse Suu Kyi to tolerate this blatant disregard for the ideals that she once fought so vehemently for.

Yes, the main instigator of the massacre is Myanmar’s army. And Suu Kyi does not dare to jeopardize the political position for which she strove by dissenting with the military, the most decisive force in the country. Yet, the fallacious reasoning that she is powerless to speak out hides the fact that she uses political leverage to assert power on other issues. Suu Kyi’s government should not take their fury out on journalists who are only trying to do their jobs.



PHOTO COURTESY OF WIKIMEDIA



PHOTO COURTESY OF HUFFINGTON POST

Serena Williams (USA)

HEIGHT: 5 ft. 9 in.
WEIGHT: 155 lbs.
PLAYS: Right Handed
TURNED PRO: 1995
CAREER MATCHES WON: 792
GRAND SLAM WINS: 23
WTA PEAK RANKING: 1
CAREER PRIZE MONEY: \$88,233,301



Naomi Osaka (Japan)

HEIGHT: 5 ft. 11 in.
WEIGHT: 152 lbs.
PLAYS: Right Handed
TURNED PRO: 2013
CAREER MATCHES WON: 73
GRAND SLAM WINS: 1
WTA PEAK RANKING: 6
CAREER PRIZE MONEY: \$7,032,734



PHOTO COURTESY OF ESPN

MANY THANKS TO TROY

12 Sigma Technologies Accurate Metering Products & Services	Accuvision Optometry Advance Beauty College	Advantec Aidtree	AIH Laboratory Aloa Labs American Suspension	Amuse Cosmetics Inc. Anaheim Regional Medical Center Antelope Valley Neuroscience	APEC Group Inc. Arborland Montessori Children’s Academy Architects Orange
Arrowhead Regional Medical Center Art Center College for Design Assemblymember Tom Daly	Associated Head & Neck Surgeons Atlantis Hospice Inc. BCY Law Group	Beckman Coulter Bendix Bet Tzedek Law Offices	Blast Athletics Blythe Global Advisors Boeing	Brandemeyer Gilligan & Dockstader Brea Veterinary Hospital Cabrillo Marine Aquarium	Caju Food Co-op Cal Poly Pomona Computer Science Department Cal Poly Pomona Engineering Department
Caltech Fischer Geobiology Group Caltech Materials Science Greer Lab Caltech Space Radiation Lab	Camp Kawaga Care Agape Inc. Casa Colina	Cedars-Sinai Century Precision Engineering Inc. CF Dance Academy	Chapman University Biology Department Chest & Critical Care Consultants China Film Director Center	Chino Hills Pediatrics Cini-Little International Cisco Systems	City of Fullerton City of Hope City of La Habra
City of Long Beach Economic Development Clinica San Pablo Heart Institute Coaster Company of America	Cod.Ed Coldwell Banker Best Realty Columbus Museum of Art	Comic Book Hideout Commonwealth Adult Day Healthcare Compass	Congressional Leadership Fund Cornerstone Eye Center Council for American-Islamic Relations	CSU Fullerton Accounting Department CSU Fullerton Athletics Department CSU Fullerton Biological Science Department	CSU Fullerton Biophysics Department CSU Fullerton Chemistry & Biochemistry Department CSU Fullerton Civil & Environmental Engineering Department
CSU Fullerton Computer Engineering Department CSU Fullerton Computer Science Department CSU Fullerton Grants & Contracts Department	CSU Fullerton Mathematics Department CSU Fullerton Mihaylo College of Business CSU Fullerton Operations Department	CSU Fullerton Physics Department CSU Fullerton Police Department CSU Fullerton Pollak Library	CSU Fullerton Startup Incubator CSU Long Beach Chemistry & Biochemistry Department CSU Long Beach Psychology Department	CSU Long Beach Shark Lab CSU Los Angeles Mechanical Engineering Department Delta One Software	Dinsmore Inc. Discovery Cube Orange County Dr. An Medical Clinic
Dr. Donald Dong DraftCard Dyode Inc.	East West Medical Group Eastside Christian Church Encore Wellness Physical Therapy	Evava VR Evriholder Excellence Realty	Family Dentistry Fibreform Precision Machining Fiesta Concession Corp	First Evangelical Free Church Fullerton First Presbyterian Church of Fullerton Fullerton Arboretum	Fullerton Collaborative Fullerton College Academic Computing Fullerton Observer
Fullerton Oral Surgery Fullerton Physical Therapy & Sports Care Fullerton School District	Fullerton Sister City Association Fullerton Tennis Center General Procurement Inc.	Gordon Lane Care Center Greenix Gregg Animal Hospital	Harry H. Joh Construction Inc. Harvard University School of Engineering Hemophilia Foundation of Southern California	Hoag Medical Center Hoops Chiropractic Horror Vacuo	Hospital das Clínicas da Universidade de São Paulo House of Ruth Hydraflow

TECH MENTORS OF 2018

Hyperlink InfoSystem	Irvine Unified School District	JHK Law Firm	Johnson Criminal Law Group	Kaohsiung University	Leisure Garden Furniture USA
Imperial Animal Hospital	Ivy International Education Center	JK Bioscience Inc.	Jonel Engineering	Kate Rangey Casting	Linden Surgical Center
Industrial Powersource	Jenny B Floral Design	Joel Austell Studios	Kaiser Home Care-Hospice	Law Offices of James Wang	Little Tokyo Service Center
Locale Magazine	Mashney Law	Mille Gateaux	MIT Laboratory for Computational Physiology	National Institute of Cardiovascular Diseases	NOC Selpa
Lockheed Martin Aeronautics	McCoy Mills Ford	MIRE Travel	Mobile End Zone Academy	NetQuarry Inc.	Nonghyup Bank
Lopez McHugh LLP	Medicompanion	MIT Chemical Engineering Department	Nanfeng Film Production Corporation	New Filmmakers Los Angeles	Northshore University Health System, Home & Hospice
Norton Lilly International	Orange County District Attorney's Office	Pacific Coast Orthopaedic Institute	Panda Restaurant Group Inc.	Parsons	Peraton
OC Violin Shop	Orange County Supervisor Michelle Steel	Pacific Group USA	Parker Aerospace	PDM	Phase 3 Studios
Office of Assembly-woman Quirk-Silva	Ossen Solutions Inc.	Palmer & Associates	ParkVista Skilled Nursing Facility	PeopleSpace	Pico Veterinary Hospital
Prime Value Technology	QARE Wellness Acupuncture	R & L Accountancy Corporation	Rick Roden Photography	Scanservice Corporation	Silicon Forensics
Pro Pet Fix	QSC	Rapid7	Rosette Vergel de Dios, DMD	Section Studios	Skyline Capital Management
Promeli Videoworks	Quicksilver Software Inc.	Re/Max Lighthouse	San Francisco District Attorney's Office	Shanghai eTiger Capital Management	SOC Films
St. Linus Catholic Church	Sunny Hills Pharmacy	TeamPlus Technology Inc.	The Brownstone Café	Thu Huyen Photography	TLC Dental
Stanford University Materials Science	Swat Fame Inc.	Technossus LLC	The Complete Package Inc.	Tiger Woods Learning Center	TNG Real Estate Consultants
Steven Parke Law Firm	Targus	The Art of Orthodontics	Thermaltake	Titan Communications	Top Notch Screen Printing
Torco Enterprise Inc.	Tuxton Home Inc.	UCI Engineering Department	UCI Medical Center	UCLA Anthropology Department	USC Brain & Creativity Institute
Town and Country Manor	UCI Biomedical Engineering Department	UCI Esports Research Lab	UCI Microbiomechanics Laboratory	UCR Computational Chemistry Department	USC Bugs Summer Research
TsingData Big Data Industries Association	Targus	UCI Campus Recreation-Fitness and Wellness	UCI School of Medicine	University of Indianapolis Athletics Department	
USC Chan Division of Occupational Science & Therapy	USC Keck School of Medicine	Van Parys Architecture & Design	ViewSonic Corp	Winplus	Yorba Regional Animal Hospital
USC Information Sciences Institute	USC Surgery Department	Veterans Legal Institute	Windtree Education	Woobo	Young Kim for Congress



Creator Cult-ure

Youtube personalities, ranging from the smallest gaming channels to the biggest beauty vlogs, have connected with people all over the world. With the Youtube Empire growing with every new creator, it's time to ask the question: how far will Youtube rise?

By Jillian Warren, STAFF WRITER, and images courtesy of Google

With over 300 hours of video being uploaded to Youtube every minute, it's no surprise that people today can sit at their computers with an endless supply of content to watch. From beauty tutorials to comedy sketches to vlogs—you name it, and Youtube probably has it. The rise of content on the site has led to the increasing irrelevance of traditional media and a dependance on the video platform for news and entertainment. Since its start in 2005, Youtube has garnered a multitude of stars—one of them being site veteran Shane Dawson.

Creators like Dawson are one aspect of Youtube that has enabled the website to grow into the empire that it is today. Youtube creators, contrary to their mainstream television counterparts, naturally have a more personal con-

nection with their viewers, and the content they make is catered directly to what subscribers want to see. Not to mention, Youtube is much more easily accessible than other forms of media, and it's free, unlike

other video platforms like Netflix.

Having started in the Youtube community in 2008, Dawson gained increasing recognition for his chilling conspiracy theories. Recently, he has spearheaded a new direction for Youtube entertainment with the creation of his multi-part documentary style videos. Nothing less than hard hitting, Dawson's videos began to skyrocket in popularity after the release of the series following Tana Mongeau and the Tanacon fiasco that took place this past summer.

Following the Tanacon series, Dawson released another set of videos—a five-part documentary on the eccentric makeup artist Jeffree Star. Prior to the release, Star was judged solely for his luxurious lifestyle and history of igniting online drama. However, Dawson's documentary shows a perspective of Star that no one has ever seen before—one that was more raw and authentic than his perceived persona. By tearing down the facade of this big bad internet star, Dawson humanized him and showed that he is more relatable than we ever thought.

Dawson's most controversial project so far is definitely his eight-part documentary on the Youtube star Jake Paul. Arguably one of the most reckless, wild and disrespect-

ful creators on the internet, Paul's nature and his destructive antics are examined in Dawson's videos. Taking on a less forgiving tone, Dawson also alludes to the increase of destructive and controversial content that has inevitably emerged with the expanding influence of Youtube. The growing pursuit of popularity has led a younger generation of Youtubers, including Paul, to resort to life threatening behavior. It makes you wonder: Why would someone risk their own life all for a simple Youtube video? Part of it definitely has to do with the obsession with views; or maybe it lies within something bigger, say a mental disorder, which Dawson explores throughout this series.

Youtubers like Dawson have been steadily gaining popularity on the platform alongside the broadening scope of content that is available. Our society has ultimately seen a shift in perspective on what we think of when we hear the word "Youtuber." Before, it was simply a hobby that was enticing to teens. Now, being a Youtuber is a completely viable career, despite the lingering stigma surrounding the title. Times have changed since cable TV was in the spotlight, and it's clear that Youtube isn't going to step off its pedestal anytime soon.



STAR OR SOCIOPATH?:
Dawson's newest documentary series, "The Mind of Jake Paul," tackles the toxic temperament of notorious Youtube creators.



Instagram Closet Sales

Instagram closet sales are a new way to utilize social media. Whether you are buying, selling or just want to browse, Instagram’s closet sales are there for you in an instant.

By Danielle Chow, STAFF WRITER, cartoons by Kristen Perez, CARTOON, and graphics by Phoebe Um, GRAPHICS

To all the social media users who need spare cash: Instagram’s got your back. Nowadays, the lives of people all over the world revolve around social media, so starting your own Instagram closet sale is as simple as uploading a post. The Instagram closet sale, a trend that started gaining popularity in 2014, is a new way to sell old clothes to make some extra money.

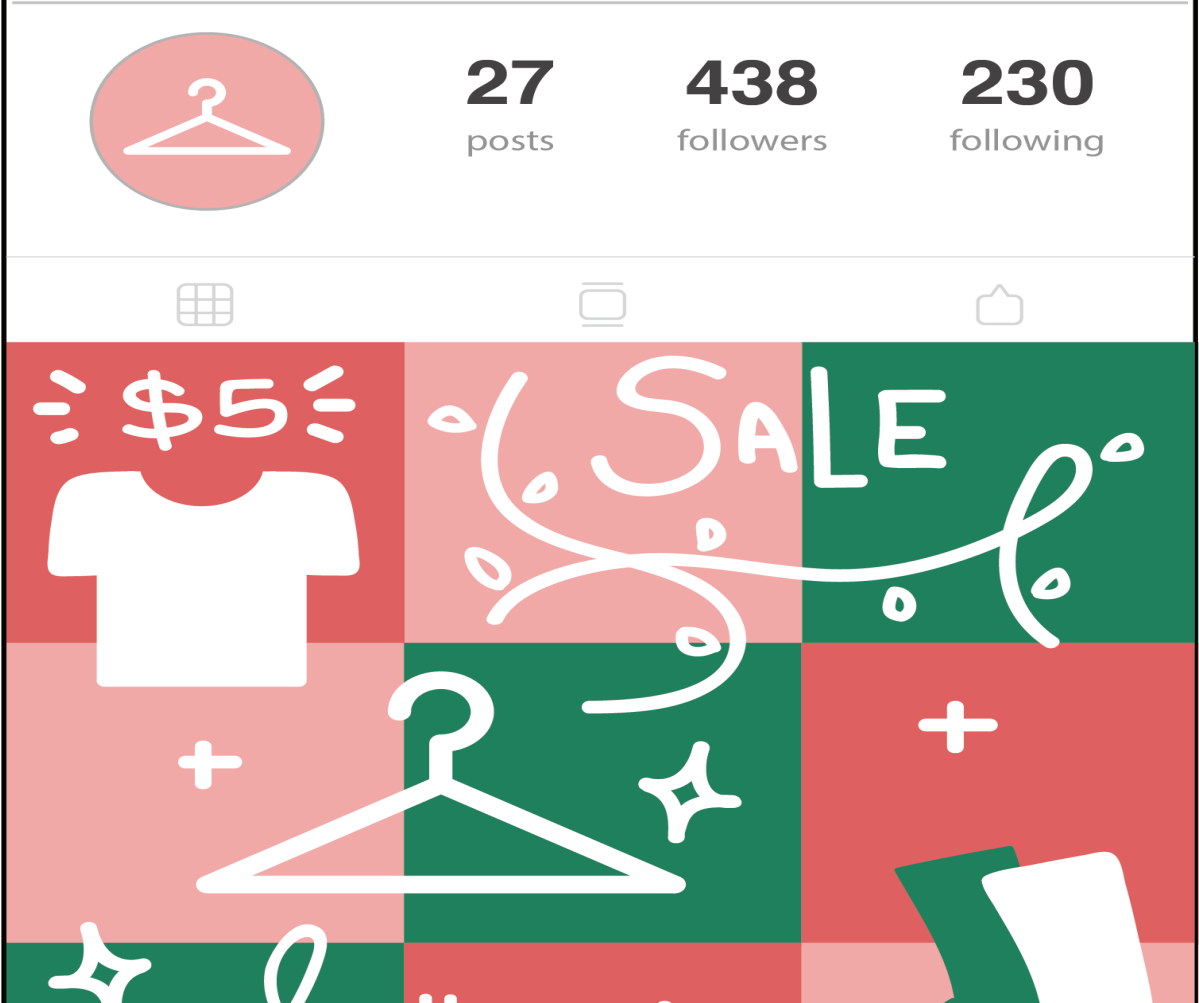


Unlike a regular used clothing shop, Instagram lets you set the price based on how much you think each item is worth. By holding your own online sale, you can kill two birds with one stone by cleaning out your closet and making some money at the same time. After holding three sales, Instagram user Rachel Awtrey found herself with her own successful virtual business. Her blog contains a wealth of knowledge and helpful tips on how to start sales, making it easy for anyone to start their own online venture. Veteran seller, Rachel Awtrey has a separate Instagram account with the handle @ShopAwtrey to better organize her items. She suggests making a profile description that describes the purchasing process, which includes the shipping cost, payment method and who procures the product if several people want the same item. Adding hashtags like #Instashop, #ShopMyCloset, or #InstaSale underneath the picture will also help people to find your closet sale. One pivotal part of persuading people to purchase your product is in the picture posted. To maximize the product’s market appeal, it should have good lighting, a plain backdrop, colors true to the item and a clear image. A post’s description usually gives additional information about the item like size, price and washing instructions. After the purchase, buyer information, such as their delivery address, is necessary. Organization is key—selling the same item twice is a big problem. Once the

item is paid for and shipped, the sale is finished, and now you can celebrate. If Instagram isn’t your thing, there’s no reason to fret. All is not lost. You can also sell clothes and accessories on Etsy or Poshmark, both of which allow you to sell your commodities and to connect with prospective buyers. Similar to Instagram, the user gives a description of the item and includes a good picture to make it appealing to customers. There’s no sense in missing out on money because you don’t have Instagram. A multitude of people are losing money with every new purchase and each missed online closet sale. It’s not too late for you to start your own. With so many new ways to sell your unwanted items, there is no excuse to squander money throwing out old clothes without recompense.



troy.closetsales



Fashion Feature

Check out Oracle’s inside look at the most stylish kids representing campus chic.

By Jois Talla, ENTERTAINMENT & LIFESTYLE EDITOR, and photo by Angel Hallacy, PHOTO



KARA ROBERTSON

11TH GRADE

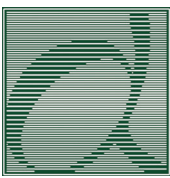
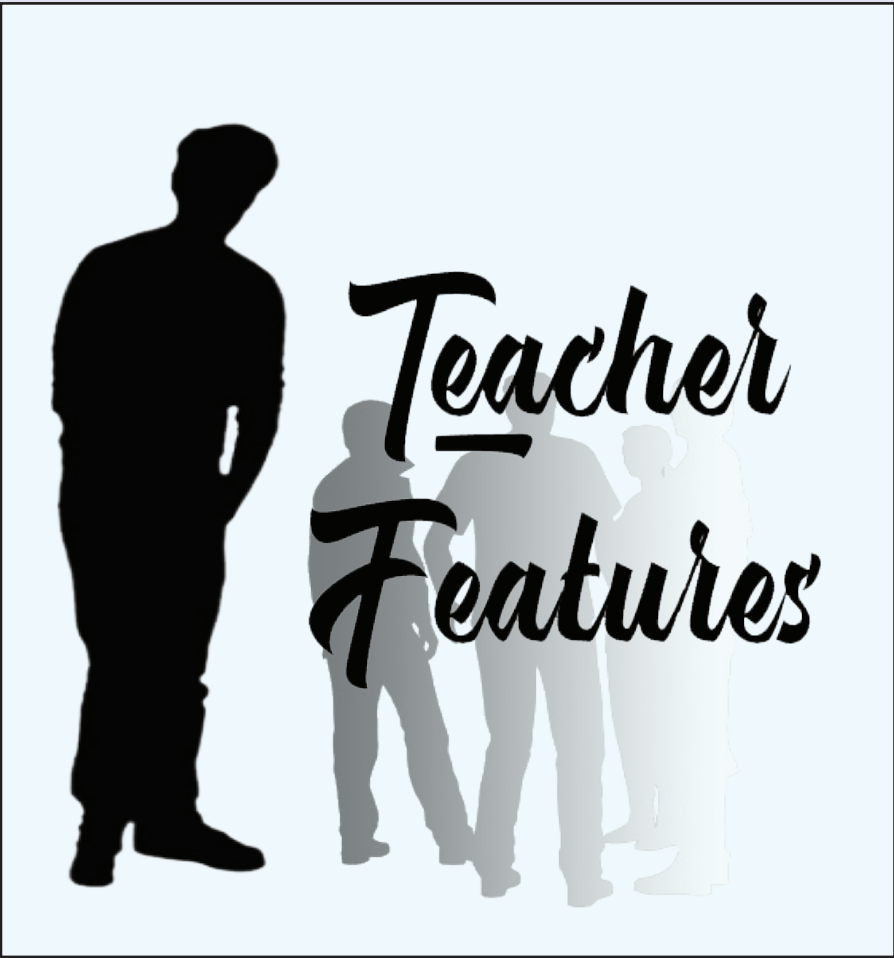
Unapologetically eclectic and eccentric, the outfits of Kara Robertson are what she describes to be an acquired taste. After all, the striking, avant-garde styles that Robertson frequently flaunts are only for the boldly confident. Inspired heavily by past decades, Robertson distinguishes herself from the crowd with outfits that are the embodiment of thrifty chic. Armed with a bright beret or glamorous glitter makeup or patterned pants, Robertson knows no boundaries in terms of fashion styles, and she encourages others to embrace the same. “No one in the past nor in the future will ever compare to how your unique perspective and outlook on life has developed.” Robertson said. “It has been intricately formed through every experience or memory you’ve ever had. Once you are gone, nobody will ever be able to offer your exact perspective ever again.”

Oracle's Tea



Medieval European psychics practiced a derivation of fortune-telling that used tea leaf patterns to predict the future. The *Oracle* staff has some surprises in store. Here are our leaves — can you read them?

By Ariana Chow and Jenny Ji, EDITORS-IN-CHIEF



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GOODBYE, CHAOS HELLO, ropu

Although his time in high school is coming to an end, senior Brandon Liang is leaving a lasting mark on campus with his new app, Ropu. Read on to learn about how it will aid club members for many years to come.

By Amber Huynh, STAFF WRITER, graphic by Phoebe Um, GRAPHICS, and photo by Angel Hallacy, PHOTO

For many clubs, there are three stages of decline following the initial hustle and bustle of club rush: the first meeting of ambitious promises, the sparse and fewer meetings as attendee numbers dwindle and finally the resignation to lunchtimes of gossip and horseplay.

Senior Brandon Liang aims to change that experience with his new free app, Ropu. Currently accessible through internet browsers on www.ropuapp.com, Ropu has several features that ease the process of joining and running clubs. From the club previewing system to the minutes exportation system, its design is intuitive and undoubtedly useful; after creating an account, board members can create pages and QR codes with

information about their clubs, while prospective clubgoers can access meeting schedules and profiles of board members. Liang hopes that Ropu will help students make the most out of their time in high school and graduate with no regrets.

Like many Warriors, Liang arrived freshman year with a fervid interest in computer science and high hopes for the clubs he planned to join. Unfortunately, reality didn't meet his expectations. Given little guidance from disorganized clubs, Liang missed his chance to participate in several groups and events that he only discovered years later, from the cyber defense team to the USA Computing Olympiad. Spurred by these regrets, Liang created Ropu to inform others and ensure they would

not fall into the same traps and miss similar opportunities.

Although he had a basic idea of what the app would do, Liang only began the process of development towards the end of his junior year. During spring break, he considered fashioning an app that could facilitate club processes. Previously, Liang lacked the initiative and courage to follow through with his ideas. His impending graduation, however, pushed him to advance his project.

With the help of Social Media Lead junior Corey Chen, Liang worked to get the word out about his new app. To Liang, Ropu is not just a tool to enhance others' high school club experiences—it is his own passion project, something that not only furthers his skills, but also encompasses all of his desires and goals.

"I've always had thoughts like, 'what if this could happen' and 'what if I could make it,'" Liang explained. "But until recently, I haven't really stepped

out of my shell to actually find those things."

Already, Liang has a vivid vision for the app's future, one in which its potential is recognized. He can see it clearly: Ropu QR codes would be posted throughout campus every year during club rush, from the tables in the quad to the walls in every classroom. Students, overwhelmed by all the bright colors and choices, would breathe sighs of relief as they whip out their phones and snap pictures of QR codes to send to friends. Board members, knowing that their clubs would be scrutinized, would extensively collaborate to improve them. In essence, Ropu would be the key for every individual to optimize their club experience.

"I did some research and found out about this word 'Ropu,'" Liang said. "In [a] traditional New Zealand tribal language, it means 'togetherness, organization, clubs [and] friends,' so I thought that it really represented what my app was going to do."

"In [a] traditional New Zealand tribal language, [Ropu] means 'togetherness, organization, clubs [and] friends.'"

Brandon Liang
senior



STREAMING IN COMFORT:
Ropu's handy interface already lets club members find information without any hassle. Sign up now and relax, just like senior Brandon Liang.



Check out Ropu on FB

<TECHDEV>



PHYSICS



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Make-A-Wish

Warrior yields to volleyball Lancers

The Lady Warrior volleyball team suffered a narrow loss.

By Cheryl Yang and Tiffany Kim
STAFF WRITER & SPORTS EDITOR

Unable to trounce the assertive opposition, the Warrior girls’ volleyball team (3-8-0, 3-3-0) submitted to the Sunny Hills Lancers 19-25 Sept. 20.

The team entered the first set head-to-head with the the opposition. Senior Emily Andreano leaped to deflect a spike, sending the ball flying through Lancer defenses. Sophomore Emily Burger’s darting ace caused opponents to lose their balance and control of the ball. As the ball flew between the teams, the gym echoed with animated cheers and motivational chants. To the enthusiastic cheers of the crowd, senior Mackenzie Kjenstad responded swiftly to a shot, striking back with an attack of her own.

The Warriors also emphasized defense with senior Mila Chi nimbly blocking a Lancer’s spike and junior Kayden Chan consistently showcasing dives that rescued the ball multiple times.

However, despite the initial clash for points, the Lancers played aggressively, and the Warriors struggled to save enough attacks.

The second set continued with the Lancers’ defensive stance, featuring several sliding saves. However, freshman Kaitlyn Mickle and junior Alicia Domingo exhibited fluid teamwork with a barrage of fierce assists and kills. Andreano also struck a powerful spike that shot past the Lancer defense. Despite their evident aggressive plays, the Warriors hit the ball out of bounds and missed on several occasions.

During the last set, the Warriors struggled with several coordination errors, but their consistent efforts resulted in multiple assertive moves. The last set featured freshman Mia Gamez launching the ball over, causing the Lancers to mishandle the ball and send it soaring out. Mickle and Andreano both racked up kills with their sudden hits that snuck past the Lancers’ blocks. Senior Hailey Vargas’s active saves closely prevented the balls from reaching the floor, each dive prompting cheers from the audience.

According to Domingo, the Warriors struggled to exhibit con-

fidence and teamwork, both of which were factors that contributed to their loss.

“I think that we can have more confidence and work together,” Domingo said. “Volleyball is purely a team sport and you can never think that you are playing alone.”

Along with the other new coaches, coach Megan Tomicic initiated changes for the team. They introduced a new style and urged the players to face the games with a positive attitude.

“For us, [getting new coaches] has given us a fresh start and [we’re] hyped for the season,” Domingo said. “Everyday, they want to do everything they can to [encourage] us to bring out our potential and most importantly to teach us what it means to be strong, confident and fearless.”

Even without a victory, this match contributed valuable experience that reveals areas of weakness and pushes the team to advance and succeed in their next game.

“This match taught us that we can’t afford to be afraid,” Domingo said. “There were definitely skills in both defense and offense that we need to improve on, and



ANGEL HALLACY

BRISK BLOCKS: *Nimbly responding to a Lancer’s spike, freshmen Kaitlyn Mickle and Alicia Domingo jump to block the ball.*

every day in practice we hope to focus and work on them in order to be more prepared for upcoming games.”



PRECISE ON ICE



Follow along the journey of the Warrior Hockey Club Co-Presidents, seniors Kayla Chu and Caitlin Le.

Compiled by Tiffany Kim, **SPORTS EDITOR**, articles by Sarah Son, **STAFF WRITER**, photos by Celia Kang, **PHOTO**



KAYLA CHU

Spectators hold their breaths as senior Kayla Chu hurtles through the ice rink, her stick expertly colliding with a hockey puck, sending it spiraling towards the goal. She scores, and the crowd goes wild.

At age five, Chu attended a local hockey game. Instantly mesmerized by the intense plays, she quickly joined In-House, a local hockey program, to pursue her newfound interest.

Chu proved her talent as she frequently advanced multiple levels before age 12. She confidently specializes in offense, her accuracy in stick-handling yielding crowd-pleasing



goals. Chu is now the captain of her team, practicing 12 hours a week. But games are no easier.

In order to push past opponents and reach the goal, height plays a big factor in hockey. As Chu is not as tall as the other players, she is often hit by her opponents in intense games. Being cast into crutches multiple times, Chu suffered from a total of seven injuries in a span of four years.

Adjusting to crutches is never easy for Chu, especially at school when bustling students pack the breezeways. But she finds it harder to sit out of practices and skip the action that she’s used to.

“Hockey alleviates a lot of stress that I get [from] school, so when I don’t play, I get slightly more agitated,” Chu said.

Among them is then fifth grader Caitlin Le, who discovered her passion for hockey from these casual daily games of street hockey.

Now a senior, Le still enjoys the thrill of the sport, basking in the fast, rough and calculating aspects of it. With only a second to make decisions on the ice, Le adapted to acting fast and strategically early on, leading her to multiple recreational championship victories.

Shouts and laughter erupt from a street full of people in action—families shuffling about holding hockey sticks.

Despite battling obstacles, Chu’s passion for hockey never wavers.

“After my injury heals, I get back on the ice and play,” Chu said. “I feel more determined to work so that I don’t fall behind.”

Never dwelling on past injuries, Chu holds her head high and continues to play the thrilling and fast-paced sport.

“There is always constant action happening on the ice.

I’ve played many other sports [but] nothing [ever] compares to hockey,” Chu said.

She plays a defensive position and always makes sure to minimize the number of times she makes a risky move so that someone is always covering the net.

Le showcases her love for hockey by uniquely incorporating her other passion, 3D printing, into her practices, making her training fun and creative. Le’s own list of designs includes training aids for a wide variety of hockey skills: shooting, stick-handling and deking or decoying.

“My only published design [is] my 3D target, but I’m currently working on another training aid,” Le said.

For Le, the rink is a place where she can use her pent-up stress to her advantage by shooting offensive shots and

mastering defensive checks.

“[When] I feel stressed, I normally just go outside and shoot pucks,” Le said. “[It’s] relieving.”

Reminiscing back on her elementary days, Le remembers her interest in street hockey that allowed her to slowly grow fond of the sport.

“[Hockey] reminds me of my best memories from growing up,” Le said. “I wasn’t forced into playing it; I found it on my own. I just love it.”





CAITLIN LE